

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008930.D
 Acq On : 13 Apr 2019 14:35
 Operator : JC/SP
 Sample : K2381-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-2DL

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:55:25 PM

Quant Time: Apr 15 02:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114615	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
35) Dibromofluoromethane	5.49	113	83275	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.71	98	345275	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	111955	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
Target Compounds						
					Qvalue	
16) Acetone	2.46	43	284073	191.102	ug/l	100
18) Methyl Acetate	2.78	43	139573	38.714	ug/l	100
25) 2-Butanone	4.69	43	33694	14.341	ug/l	97
37) Ethyl Acetate	4.84	43	150531	36.572	ug/l	98
52) Toluene	8.79	92	2574	0.475	ug/l	94
64) Tetrachloroethene	9.34	164	6457	3.775	ug/l	95
68) m/p-Xylenes	10.36	106	1377	0.401	ug/l	93
78) n-propylbenzene	11.36	91	3358	0.331	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	7356	1.006	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	29081	3.928	ug/l	99
85) sec-Butylbenzene	11.94	105	2543	0.304	ug/l	99
86) p-Isopropyltoluene	12.06	119	2593m	0.346	ug/l	
89) n-Butylbenzene	12.38	91	7139	1.015	ug/l #	47
95) Naphthalene	13.83	128	53538	6.190	ug/l	97

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

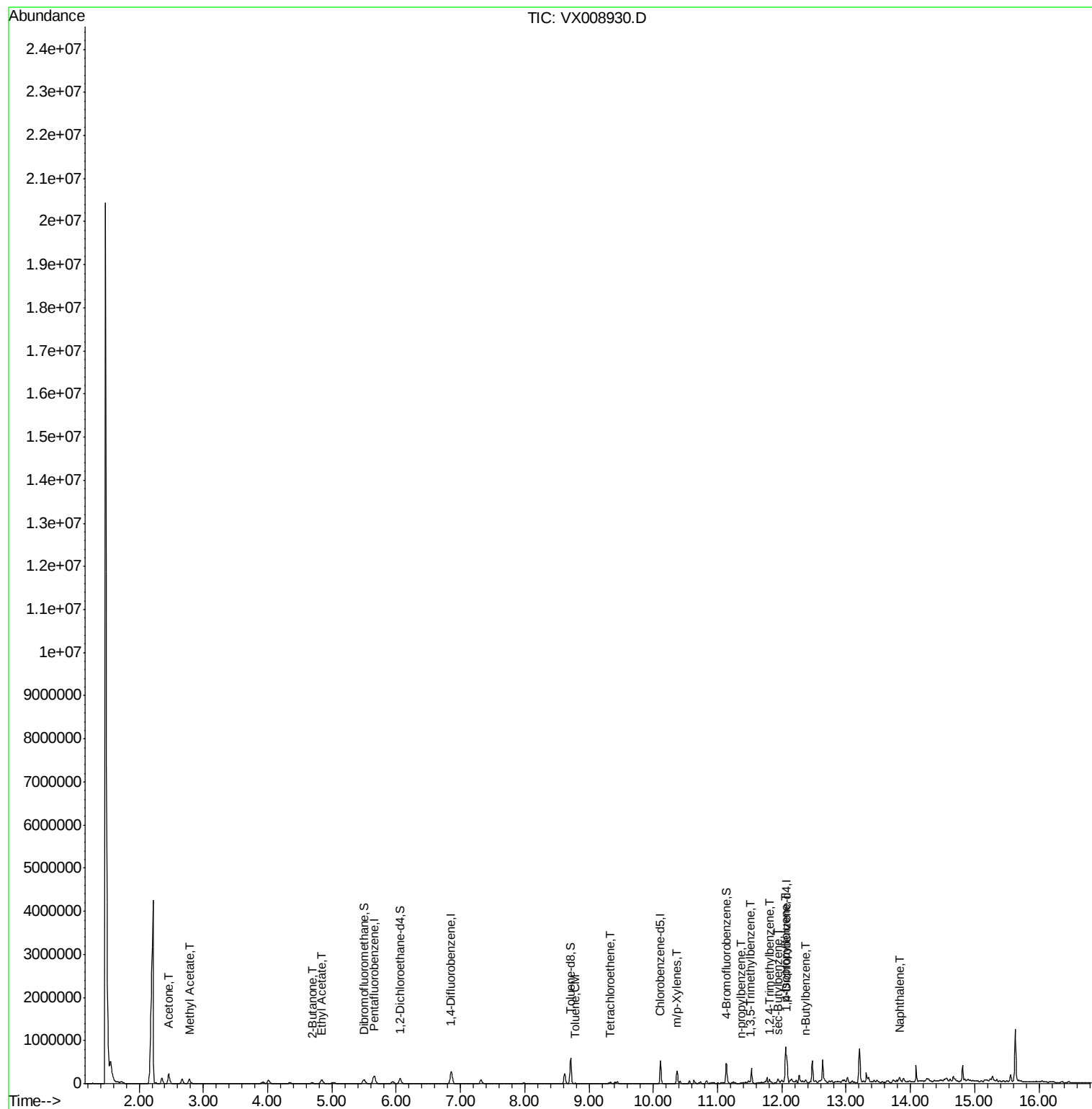
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041319\
Data File : VX008930.D
Acq On : 13 Apr 2019 14:35
Operator : JC/SP
Sample : K2381-02DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

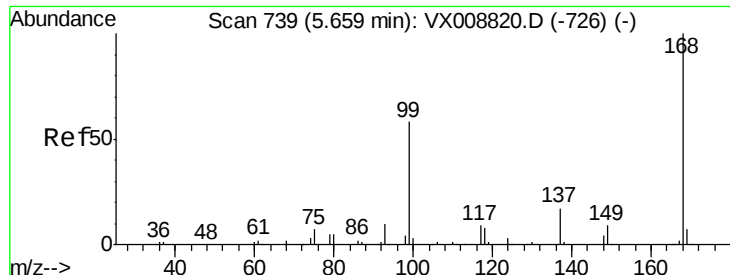
Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-2DL

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Quant Time: Apr 15 02:40:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-2DL

Tot Ion:168 Resp: 176946

Ion Ratio Lower Upper

168 100

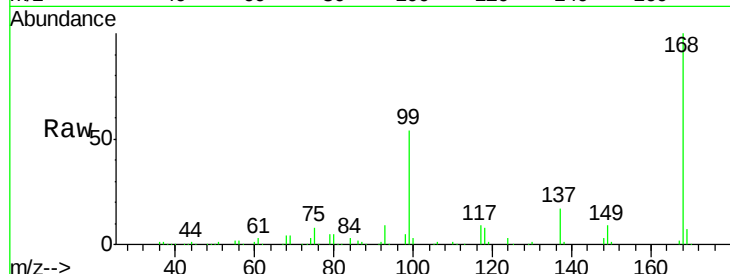
99 54.4 46.7 70.1

Manual Integrations

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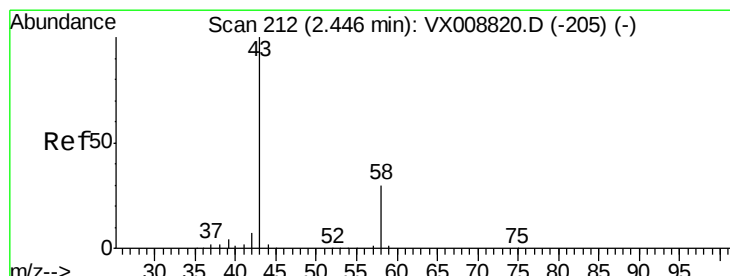
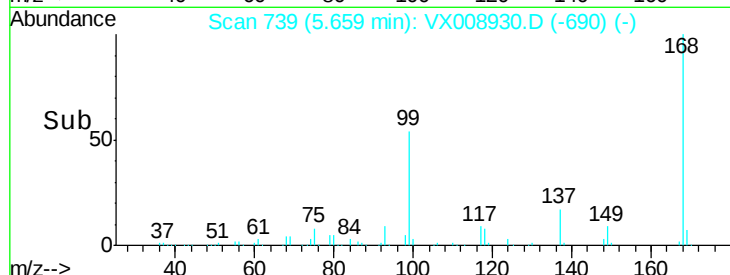
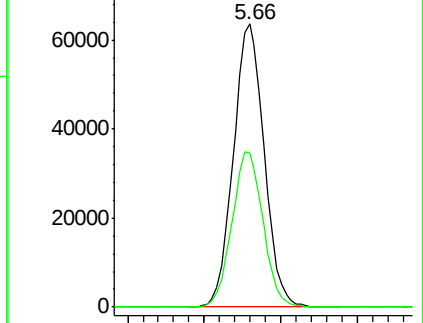
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 191.102 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX008930.D

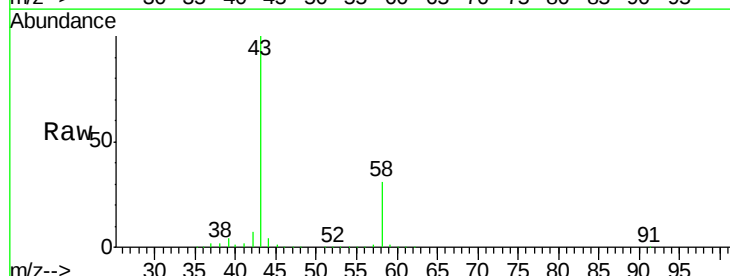
Acq: 13 Apr 2019 14:35

Tgt Ion: 43 Resp: 284073

Ion Ratio Lower Upper

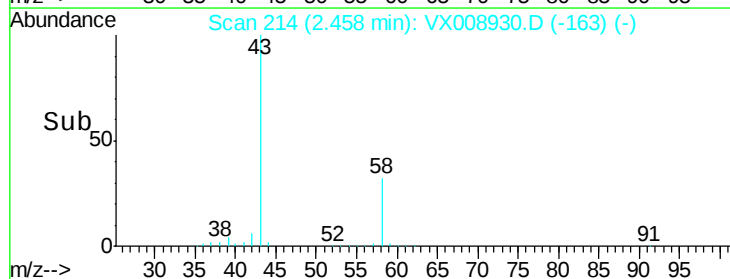
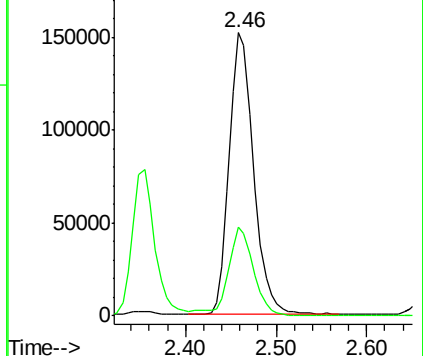
43 100

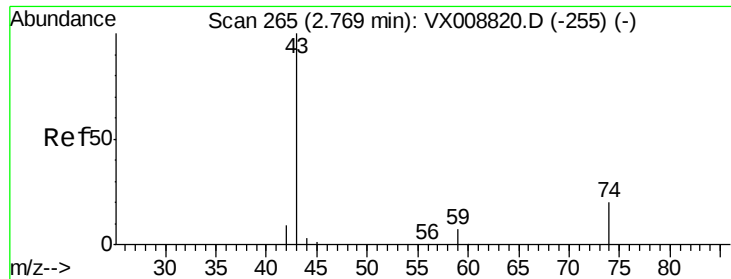
58 31.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 38.714 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Tot Ion: 43 Resp: 139573

Ion Ratio Lower Upper

43 100

74 20.4 16.5 24.7

Instrument :

MSVOA_X

ClientSampleId :

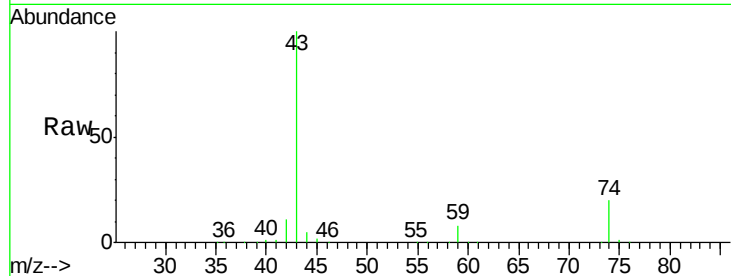
CL-COMP-2DL

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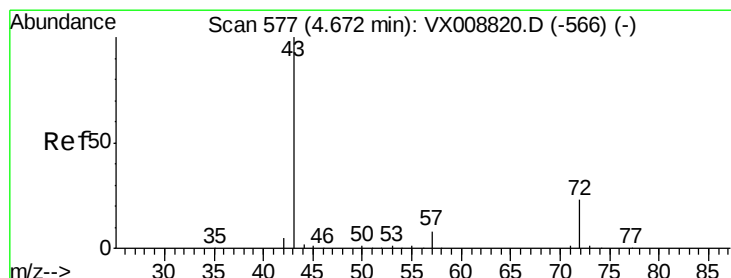
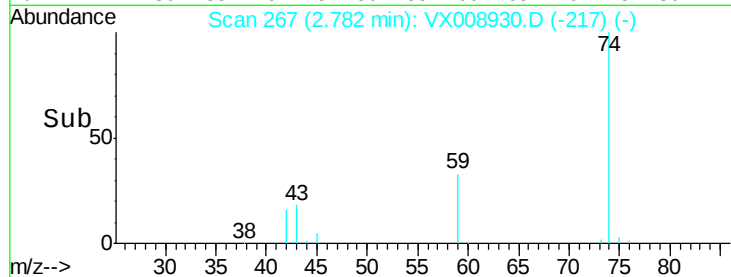
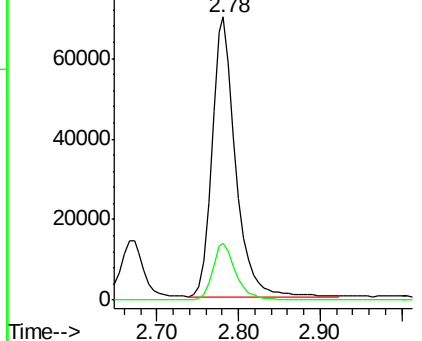
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#25

2-Butanone

Concen: 14.341 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX008930.D

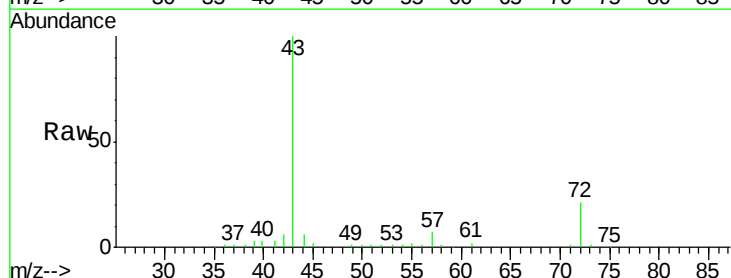
Acq: 13 Apr 2019 14:35

Tgt Ion: 43 Resp: 33694

Ion Ratio Lower Upper

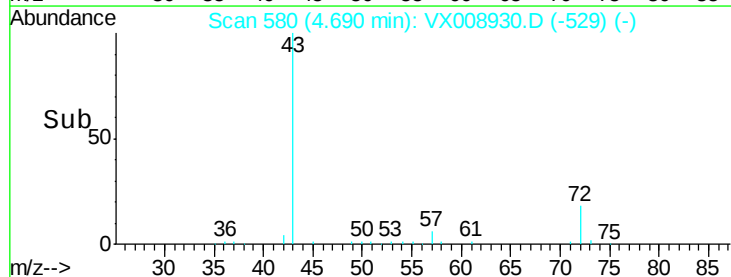
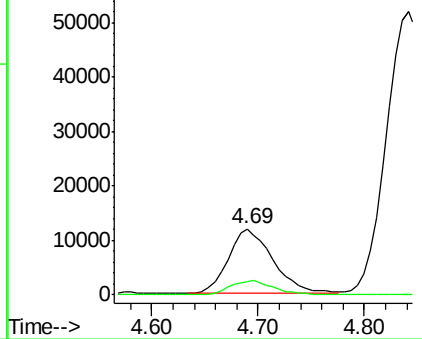
43 100

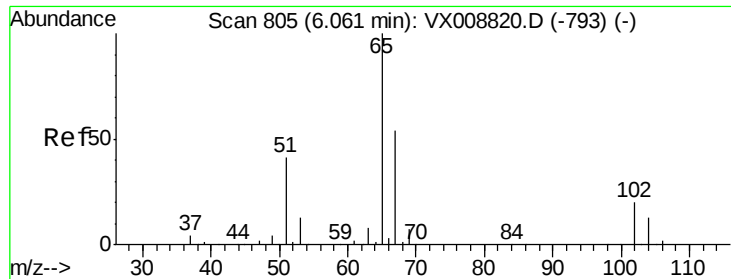
72 21.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





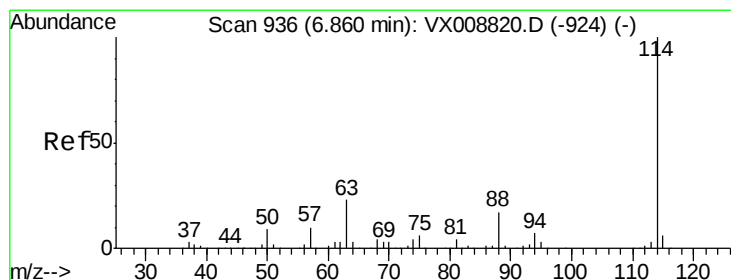
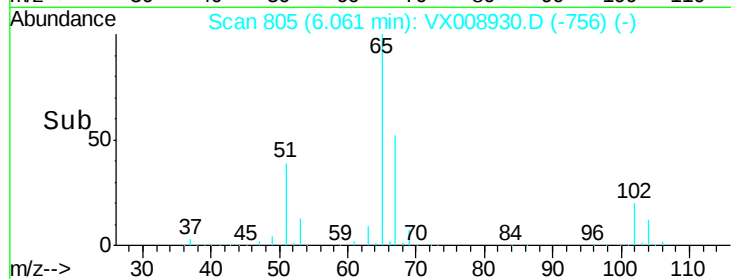
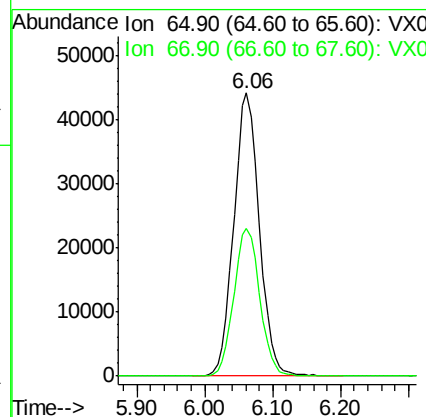
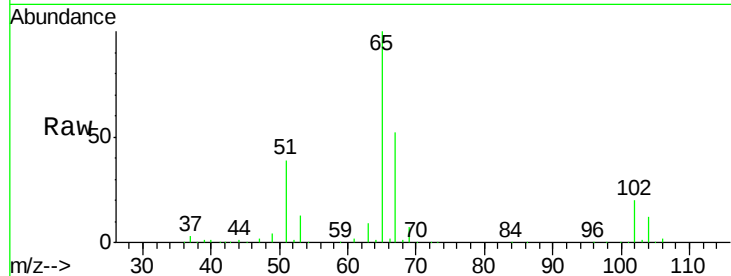
#33
 1,2-Dichloroethane-d4
 Concen: 44.410 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleID :
 CL-COMP-2DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114615		
67	53.3	0.0	107.2	

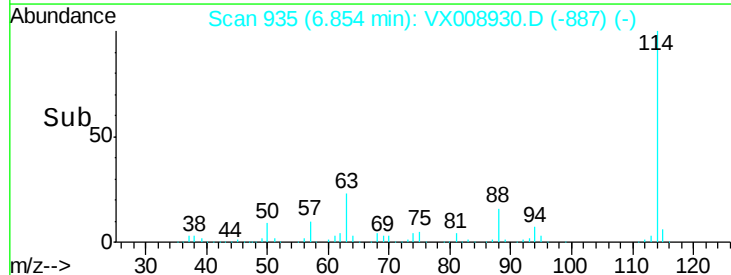
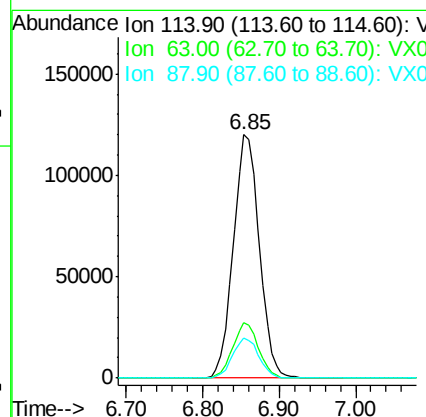
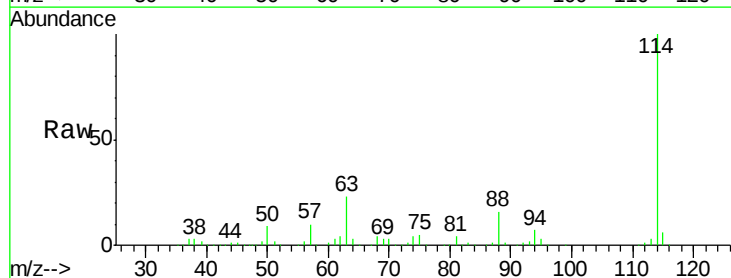
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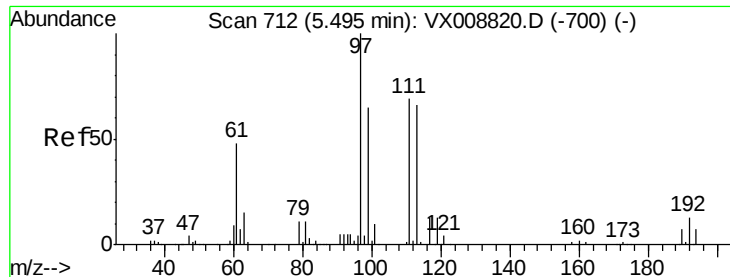
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	282103		
63	23.0	0.0	47.2	
88	16.4	0.0	34.0	





#35

Dibromofluoromethane

Concen: 46.170 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_X

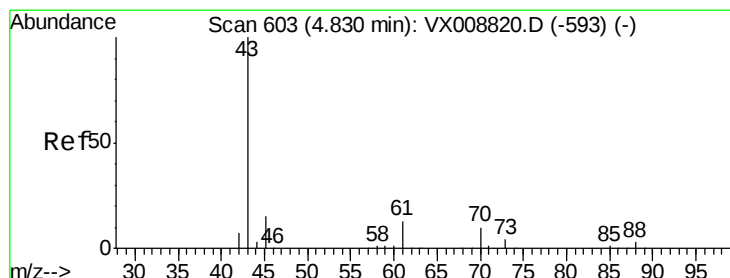
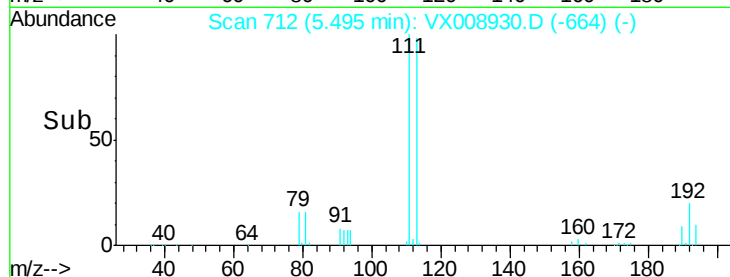
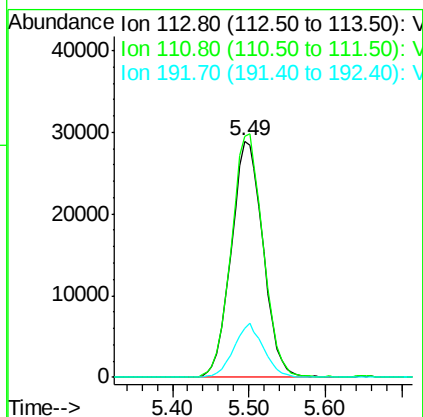
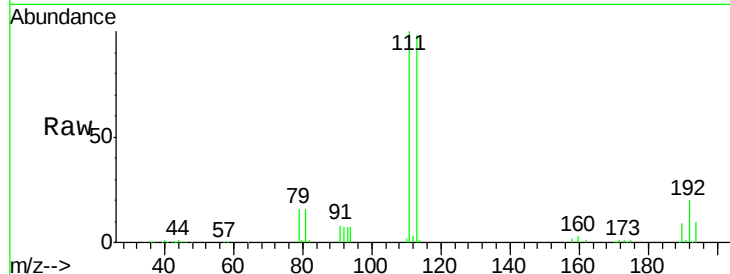
ClientSampleId :

CL-COMP-2DL

Tot Ion:	113	Resp:	83275
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.4	125.2
192	21.5	16.1	24.1

Manual Integrations
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#37

Ethyl Acetate

Concen: 36.572 ug/l

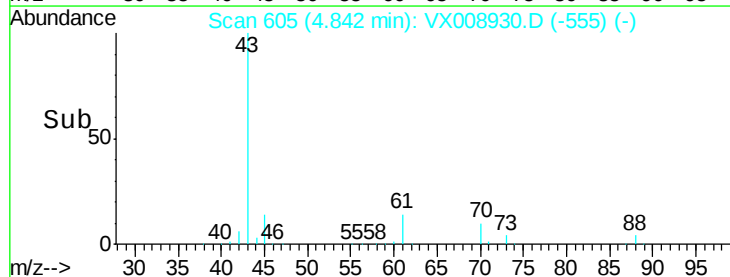
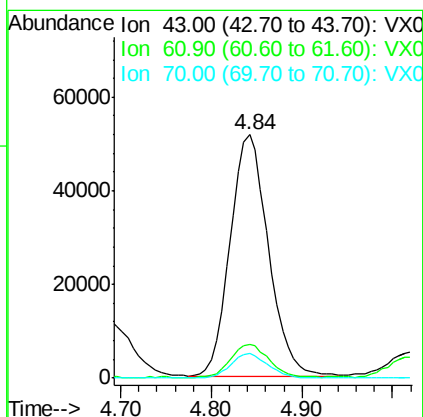
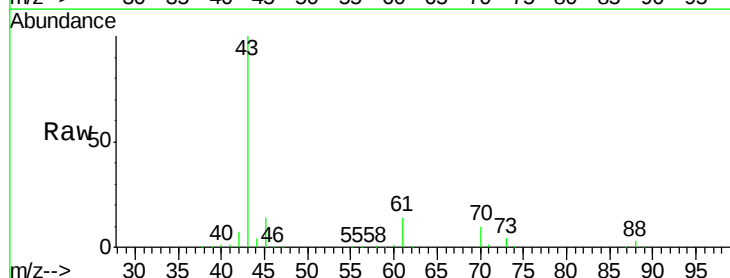
RT: 4.84 min Scan# 605

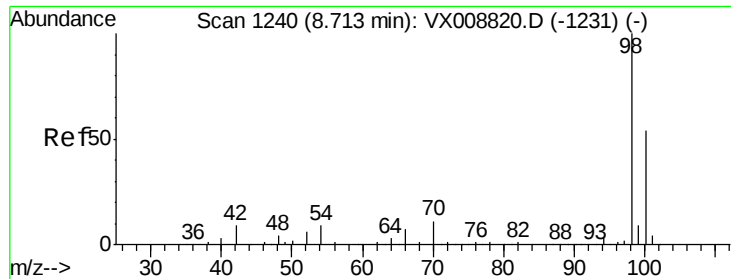
Delta R.T. 0.01 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Tgt Ion:	43	Resp:	150531
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.3	15.5
70	10.2	7.6	11.4





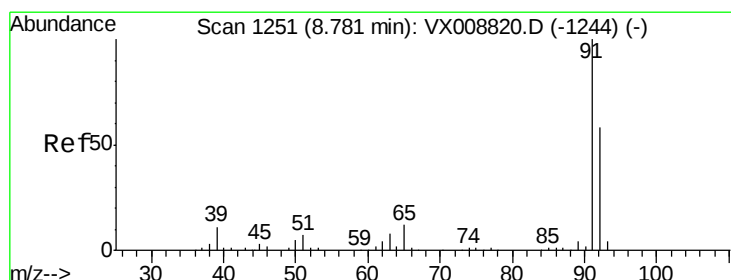
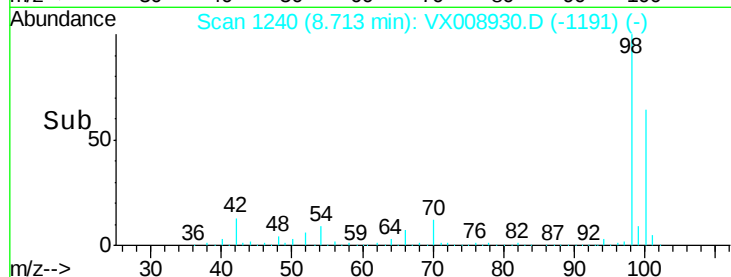
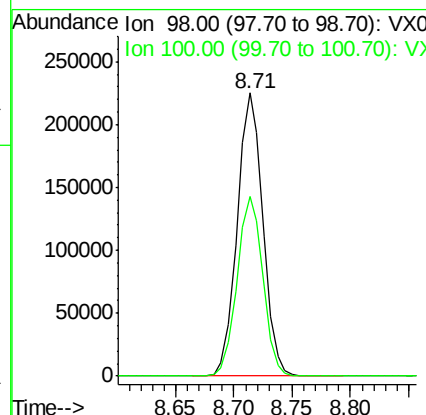
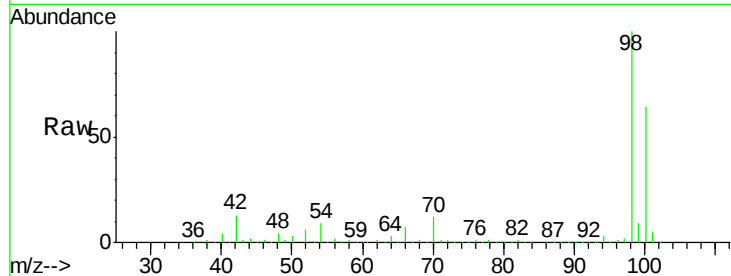
#50
Toluene-d8
Concen: 48.077 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008930.D
Acq: 13 Apr 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-2DL

Tot Ion: 98 Resp: 345275
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

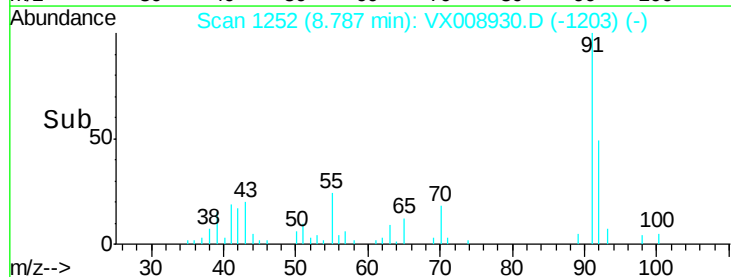
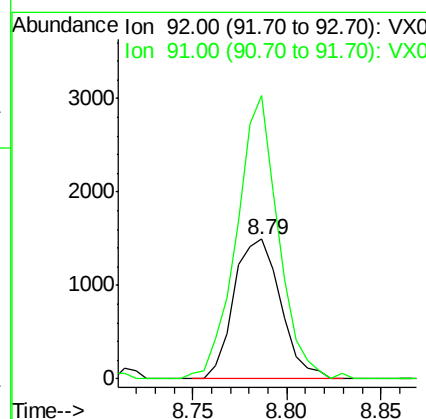
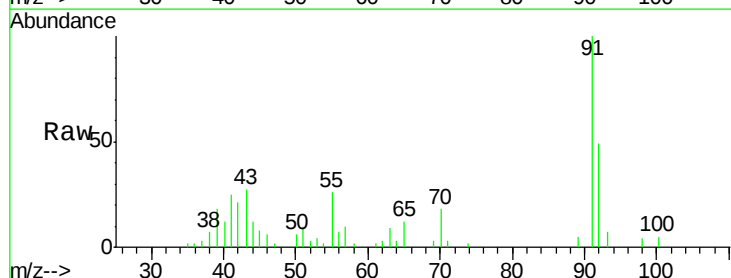
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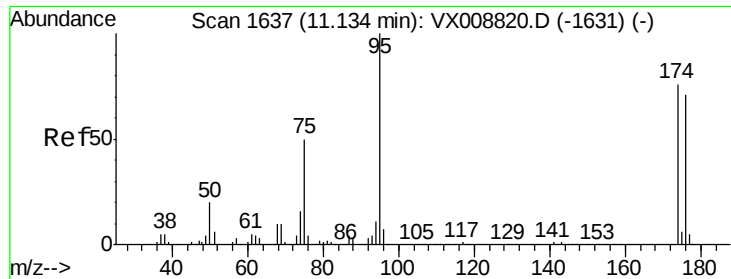
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#52
Toluene
Concen: 0.475 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008930.D
Acq: 13 Apr 2019 14:35

Tgt Ion: 92 Resp: 2574
Ion Ratio Lower Upper
92 100
91 180.8 138.5 207.7





#62

4-Bromofluorobenzene

Concen: 43.960 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-2DL

Tot Ion: 95 Resp: 111955

Ion Ratio Lower Upper

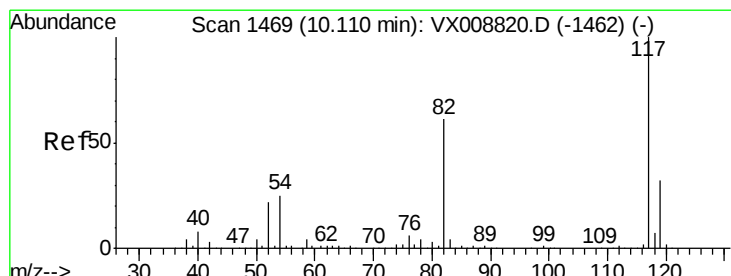
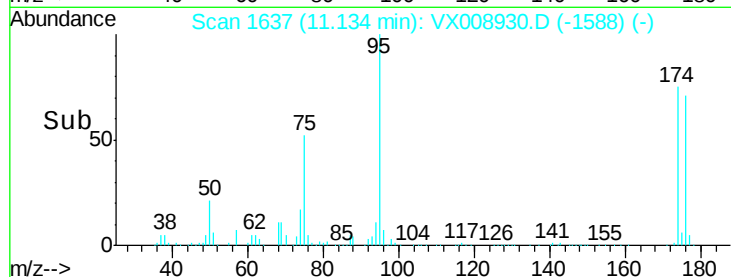
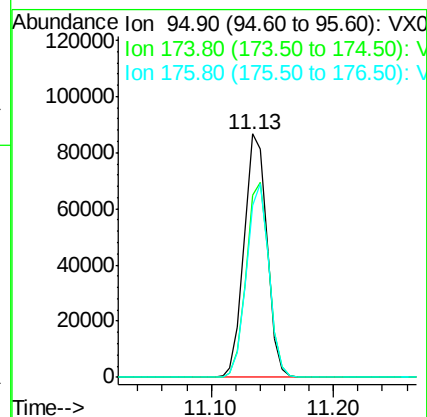
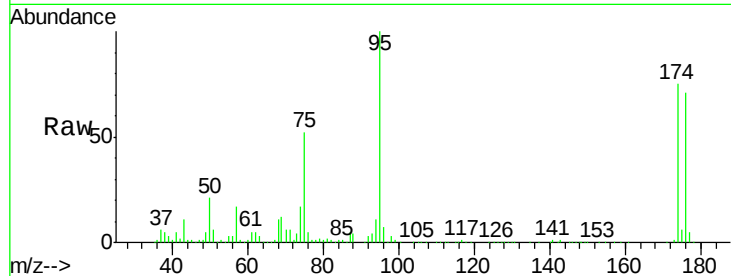
95 100

174 79.3 0.0 151.8

176 77.6 0.0 145.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

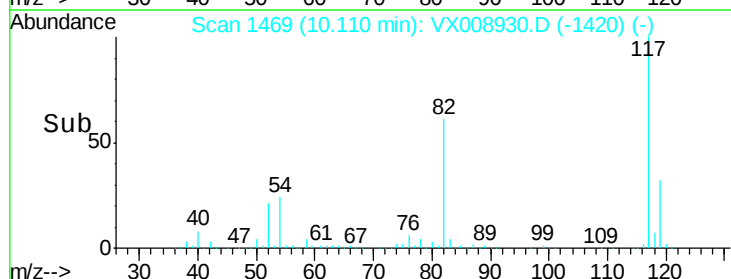
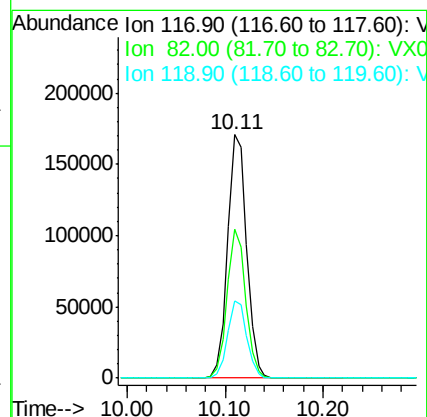
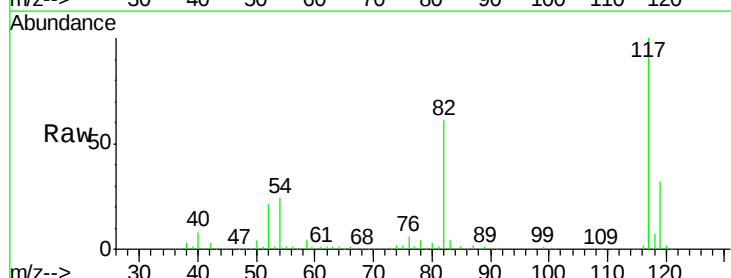
Tgt Ion: 117 Resp: 230862

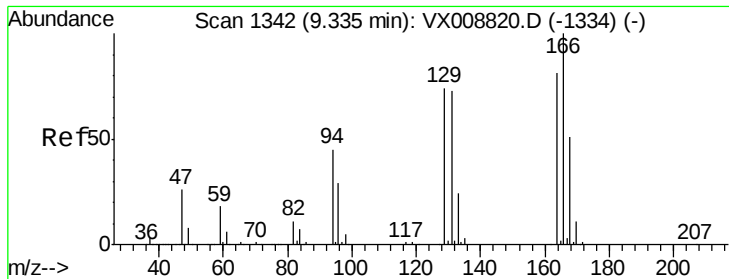
Ion Ratio Lower Upper

117 100

82 61.2 49.6 74.4

119 31.8 25.0 37.4





#64

Tetrachloroethene

Concen: 3.775 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-2DL

Tot Ion:164 Resp: 6457

Ion Ratio Lower Upper

164 100

166 131.7 101.0 151.6

129 88.3 75.8 113.8

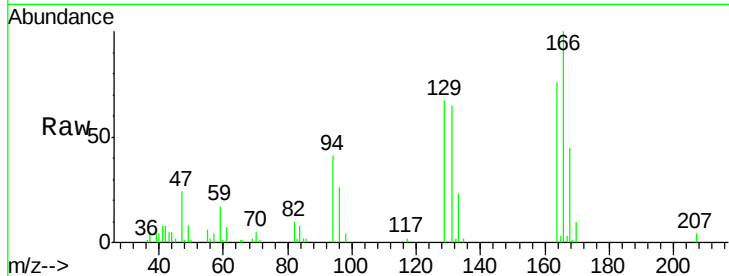
131 85.0 71.8 107.8

Manual Integrations

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4/15/2019 12:55:25 PM

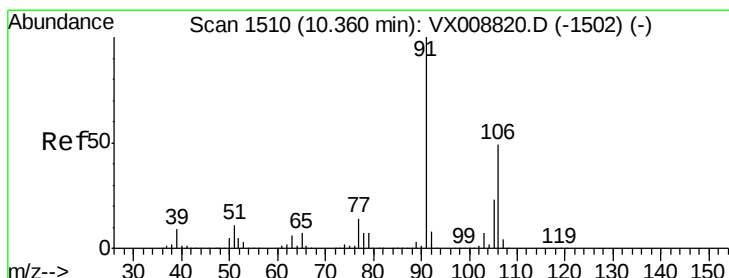
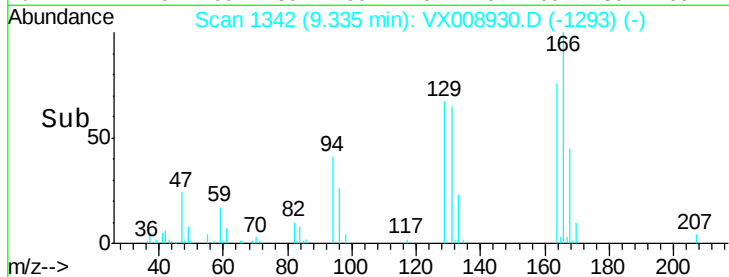
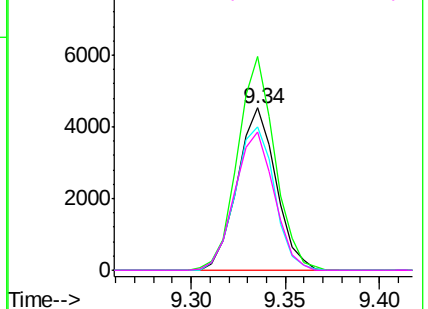


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.401 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008930.D

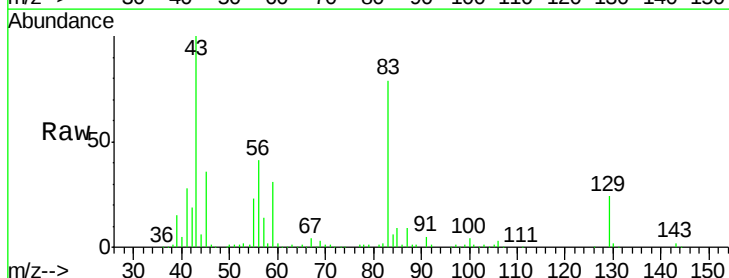
Acq: 13 Apr 2019 14:35

Tgt Ion:106 Resp: 1377

Ion Ratio Lower Upper

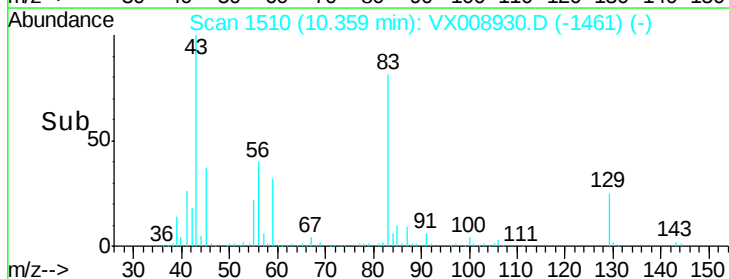
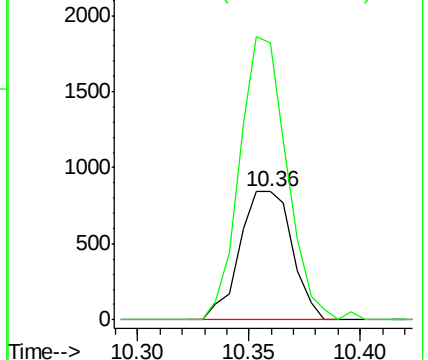
106 100

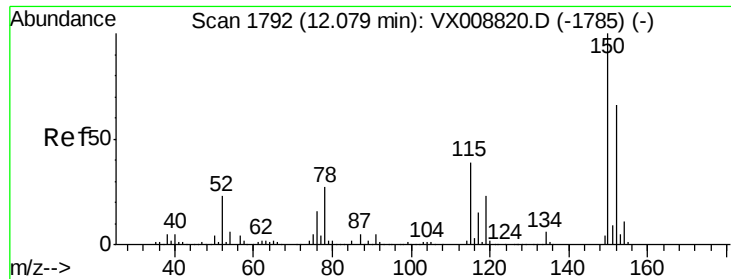
91 200.0 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008930.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_X

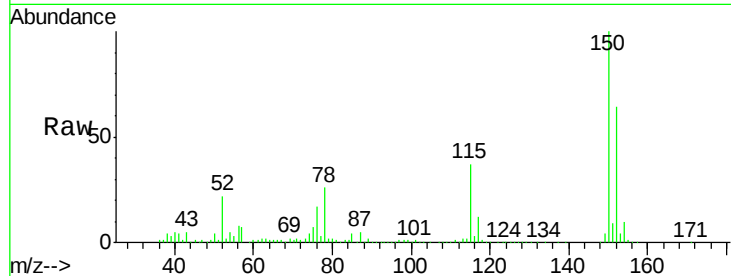
ClientSampleId :

CL-COMP-2DL

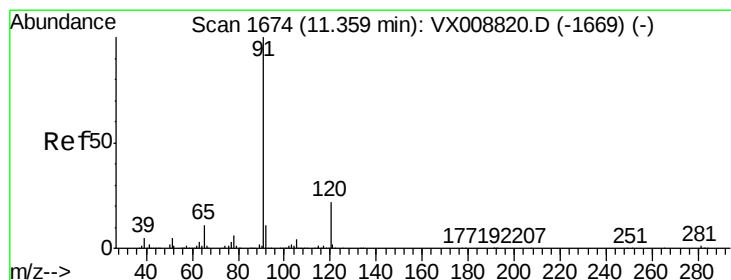
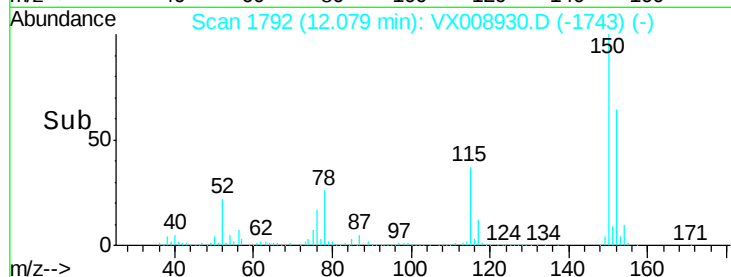
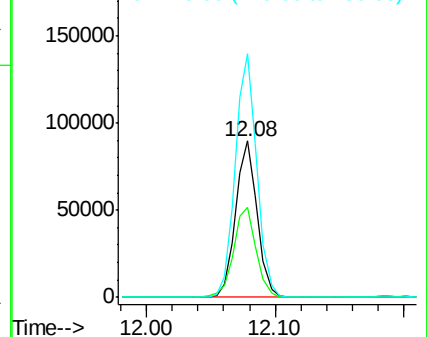
Tot Ion:	152	Resp:	105098
Ion Ratio	Lower	Upper	
152	100		
115	59.9	43.5	130.5
150	155.8	0.0	348.8

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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



#78

n-propylbenzene

Concen: 0.331 ug/l

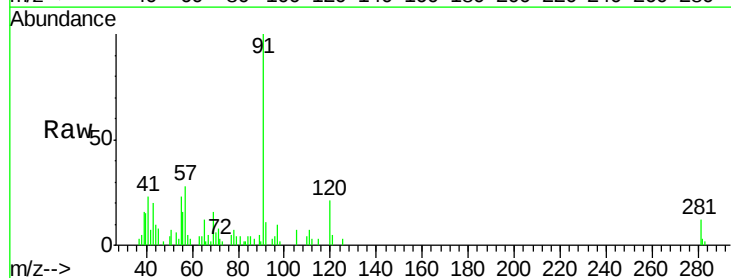
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

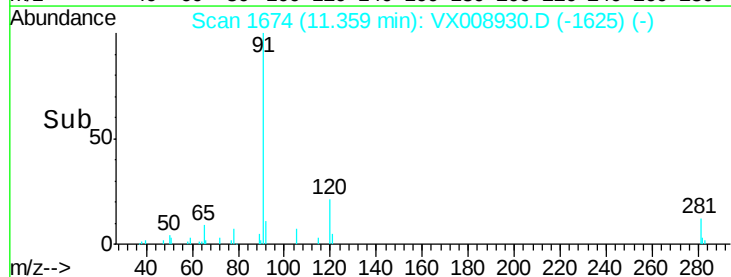
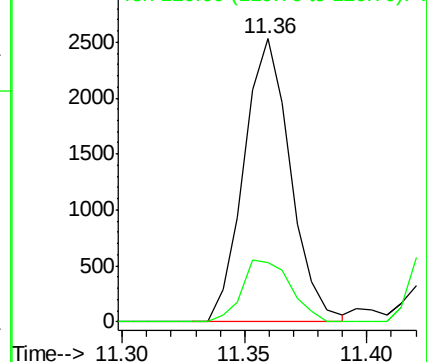
Lab File: VX008930.D

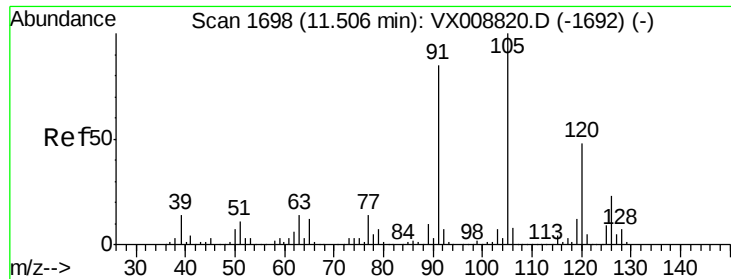
Acq: 13 Apr 2019 14:35

Tgt Ion:	91	Resp:	3358
Ion Ratio	Lower	Upper	
91	100		
120	22.7	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





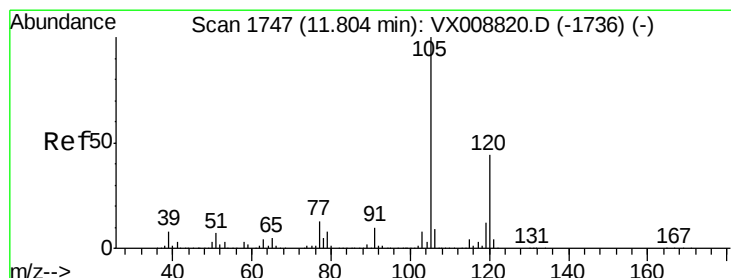
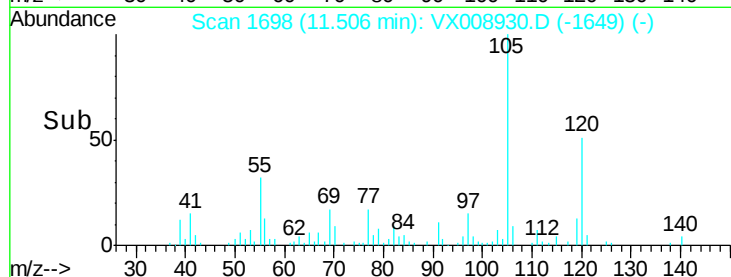
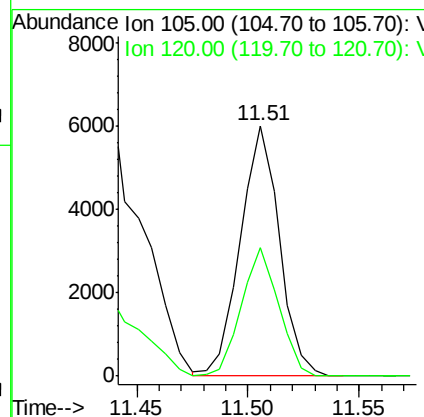
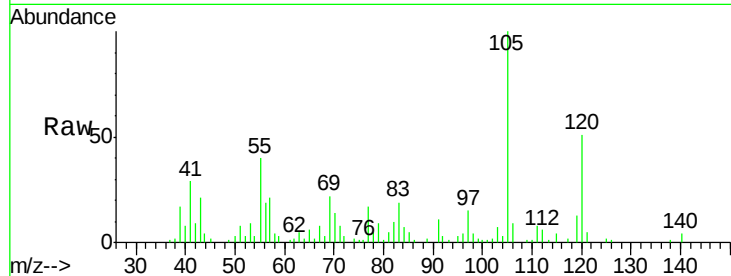
#80
 1,3,5-Trimethylbenzene
 Concen: 1.006 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-2DL

Tot Ion:105 Resp: 7356
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.5 70.6

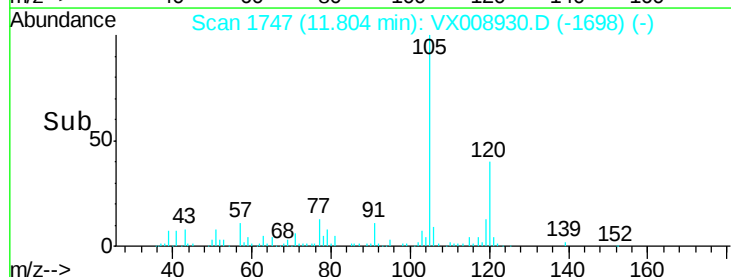
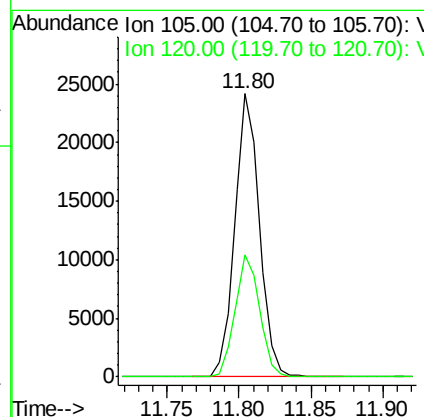
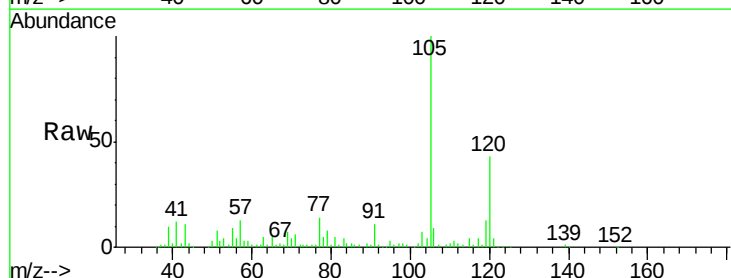
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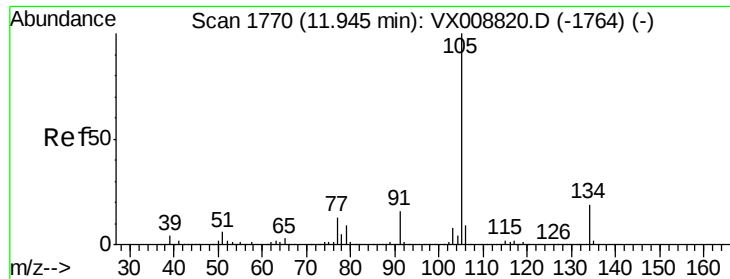
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#84
 1,2,4-Trimethylbenzene
 Concen: 3.928 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Tgt Ion:105 Resp: 29081
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.8 65.3





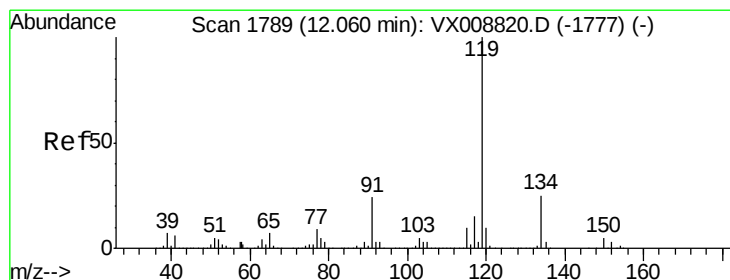
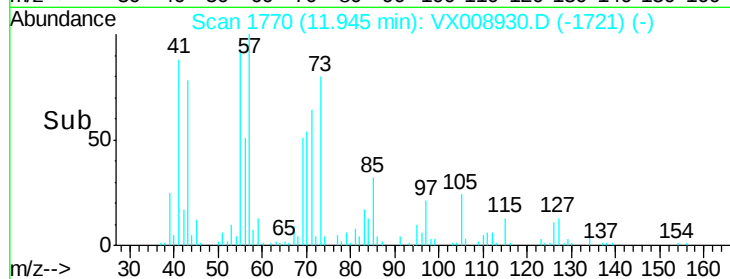
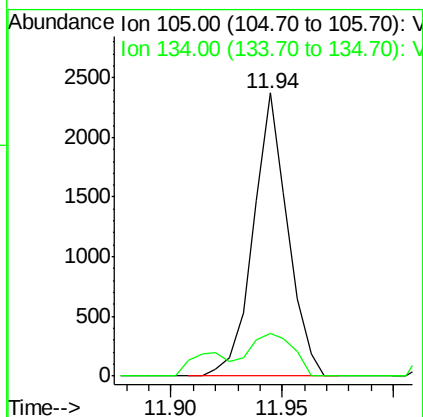
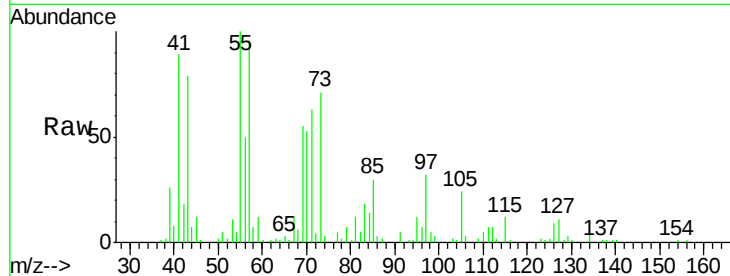
#85
 sec-Butylbenzene
 Concen: 0.304 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-2DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.4	28.2

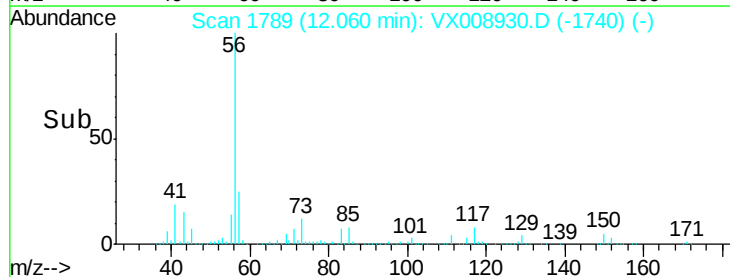
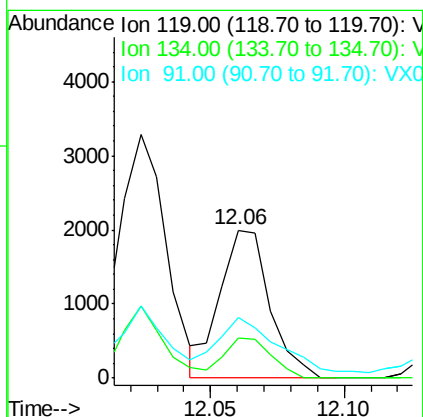
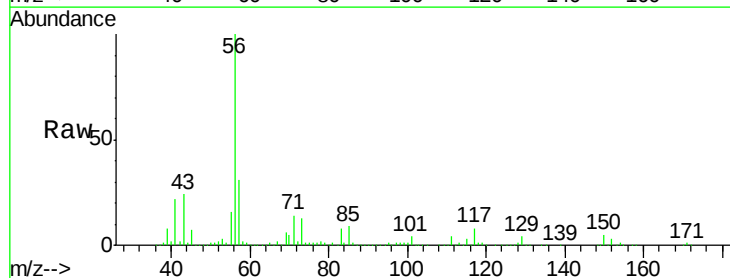
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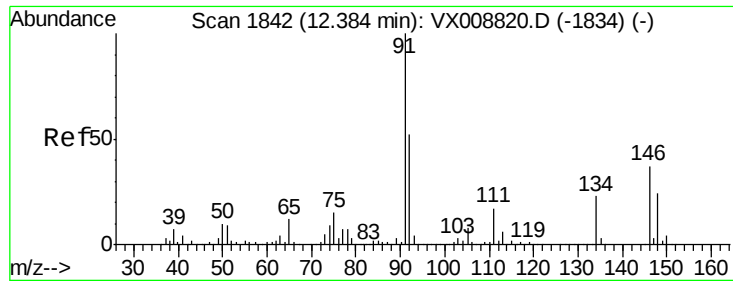
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#86
 p-Isopropyltoluene
 Concen: 0.346 ug/l m
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008930.D
 Acq: 13 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	41.9	12.8	38.4#
91	45.0	12.2	36.6#





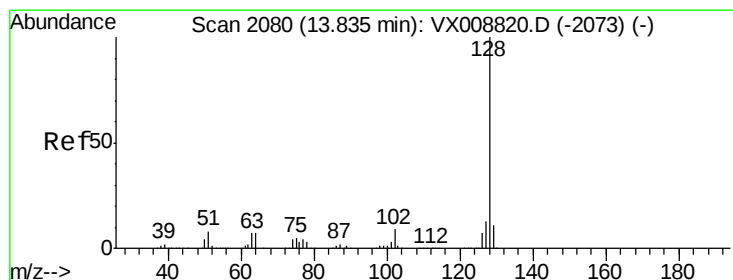
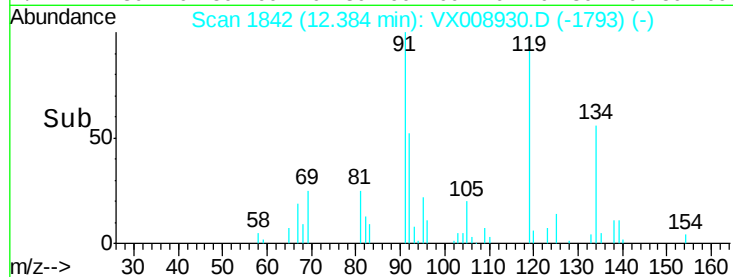
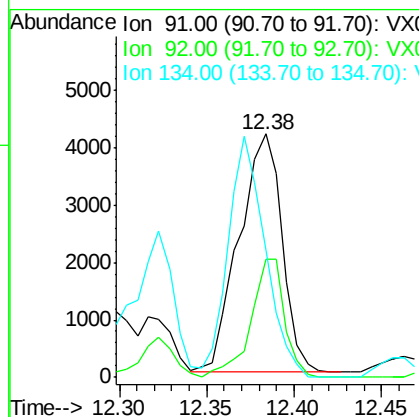
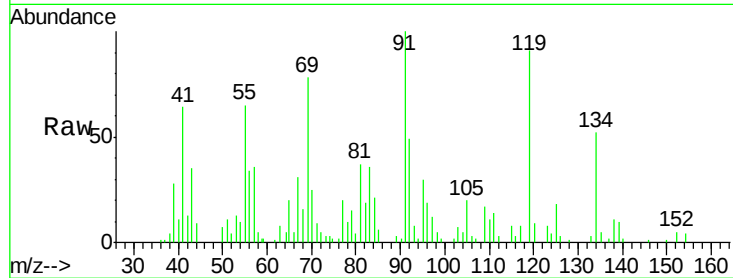
#89
n-Butylbenzene
Concen: 1.015 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008930.D
Acq: 13 Apr 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-2DL

Tot Ion: 91 Resp: 7139
Ion Ratio Lower Upper
91 100
92 39.0 26.4 79.2
134 86.6 12.0 36.0#

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#95
Naphthalene
Concen: 6.190 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008930.D
Acq: 13 Apr 2019 14:35

Tgt Ion: 128 Resp: 53538
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 11.4 8.6 13.0

