

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041319\
 Data File : VX008931.D
 Acq On : 13 Apr 2019 14:59
 Operator : JC/SP
 Sample : K2381-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-3DL

Manual Integrations
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 4/15/2019 12:55:31 PM

Quant Time: Apr 15 03:21:07 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	5.67	168	193136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122134	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
35) Dibromofluoromethane	5.50	113	89661	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
50) Toluene-d8	8.71	98	380497	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.13	95	130268	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.05	59	1653	2.506	ug/l	95
16) Acetone	2.45	43	293780	181.065	ug/l	100
18) Methyl Acetate	2.78	43	82365	20.931	ug/l	99
25) 2-Butanone	4.68	43	33496	13.062	ug/l	96
37) Ethyl Acetate	4.84	43	160220	35.977	ug/l	98
52) Toluene	8.78	92	2691	0.459	ug/l	92
64) Tetrachloroethene	9.34	164	7691	3.916	ug/l	98
68) m/p-Xylenes	10.35	106	1528	0.388	ug/l	97
78) n-propylbenzene	11.36	91	3552	0.318	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	8218	1.019	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	31319	3.836	ug/l	98
85) sec-Butylbenzene	11.94	105	2939	0.319	ug/l #	75
86) p-Isopropyltoluene	12.07	119	3038m	0.367	ug/l	
89) n-Butylbenzene	12.38	91	8158	1.052	ug/l #	43
95) Naphthalene	13.83	128	52462	5.500	ug/l	98

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

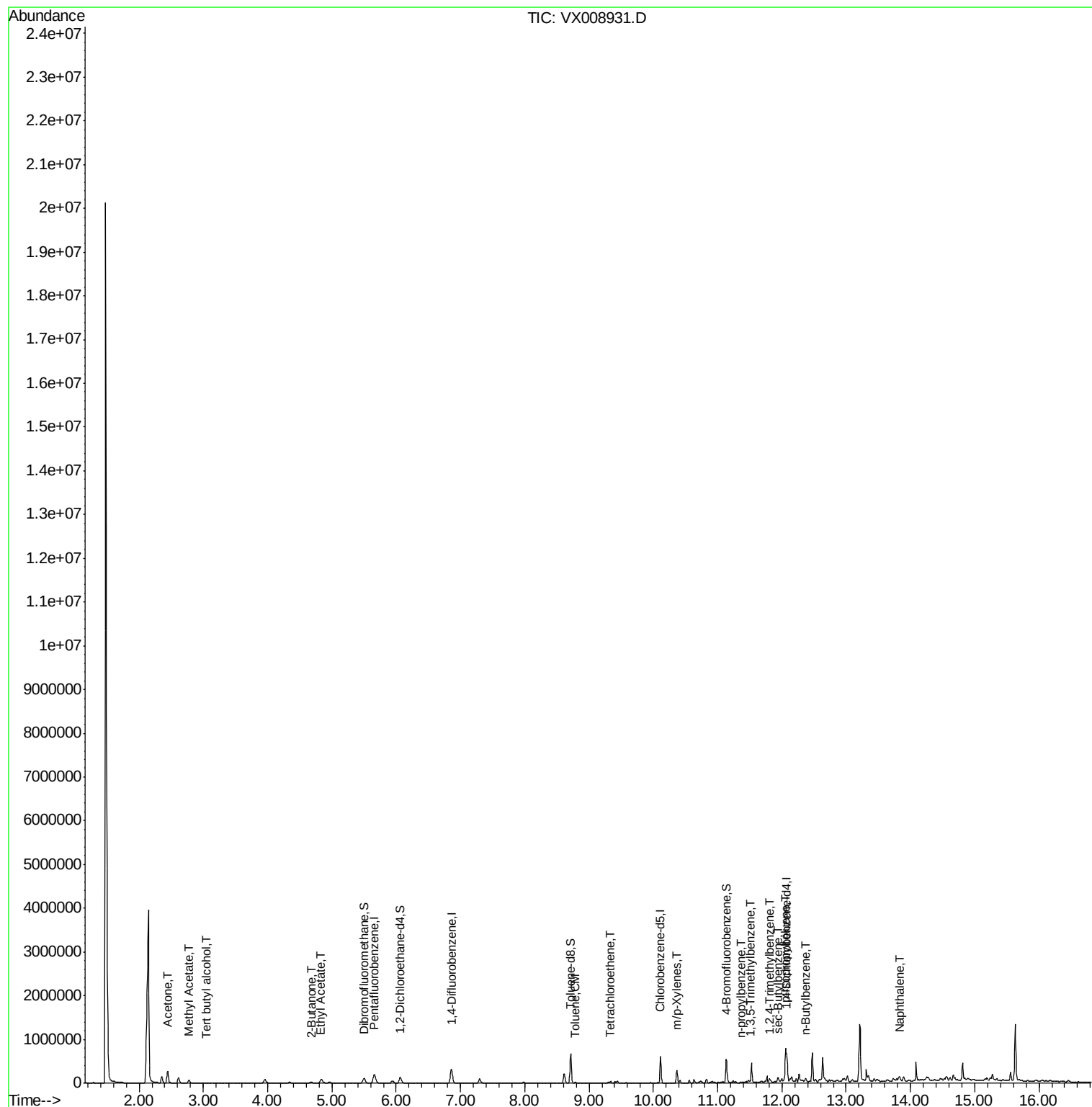
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041319\
Data File : VX008931.D
Acq On : 13 Apr 2019 14:59
Operator : JC/SP
Sample : K2381-03DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

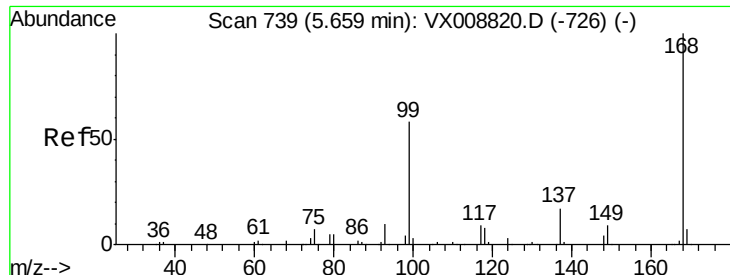
Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

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Quant Time: Apr 15 03:21:07 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-3DL

Tot Ion:168 Resp: 193136

Ion Ratio Lower Upper

168 100

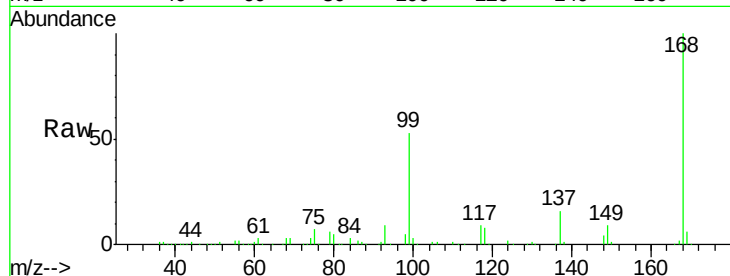
99 52.9 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

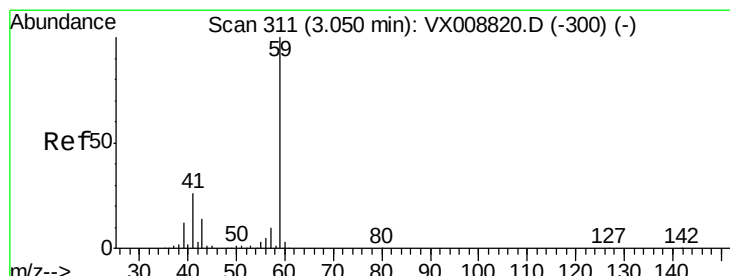
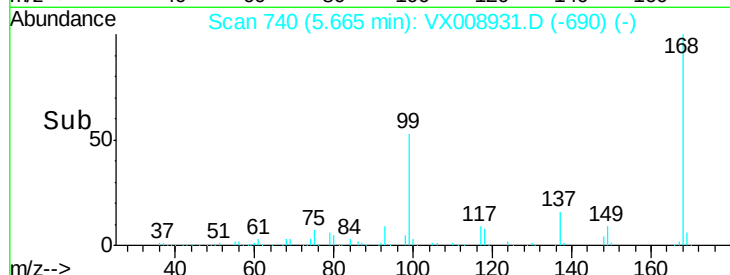
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.506 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008931.D

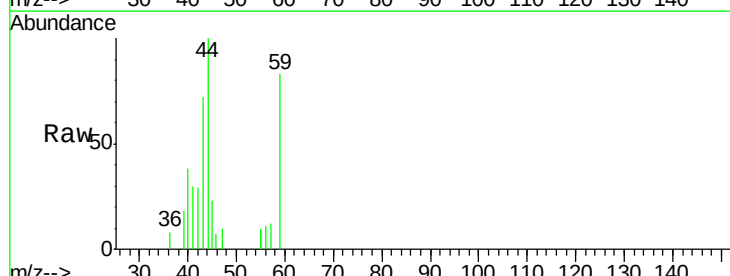
Acq: 13 Apr 2019 14:59

Tgt Ion: 59 Resp: 1653

Ion Ratio Lower Upper

59 100

57 12.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

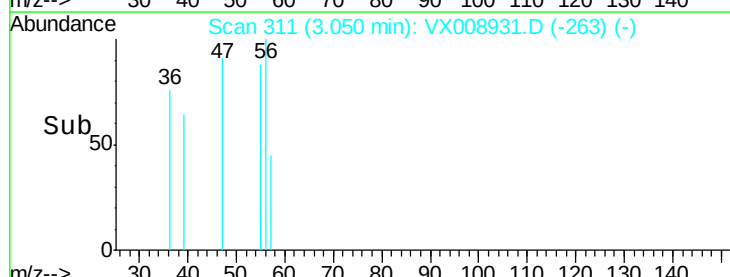
600

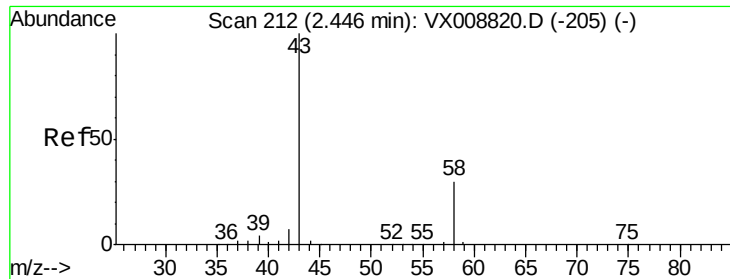
400

200

0

Time--> 2.90 3.00 3.10





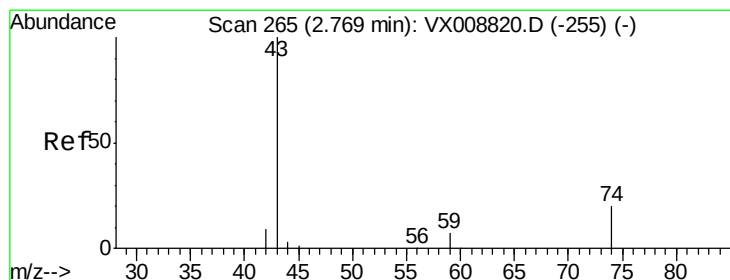
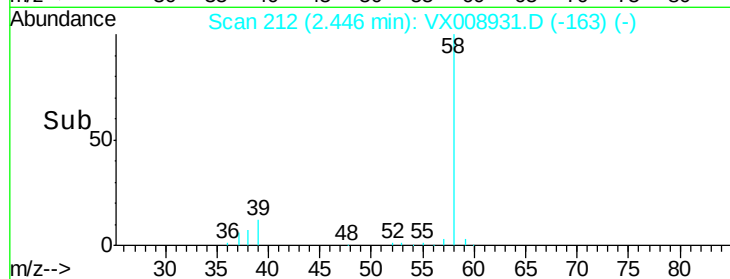
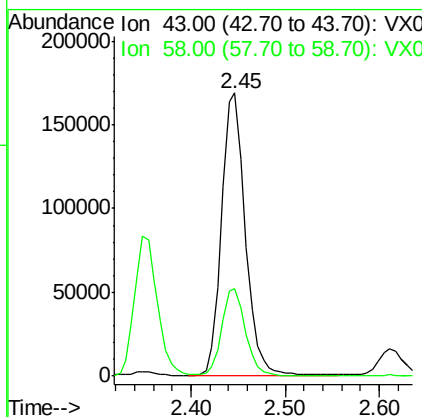
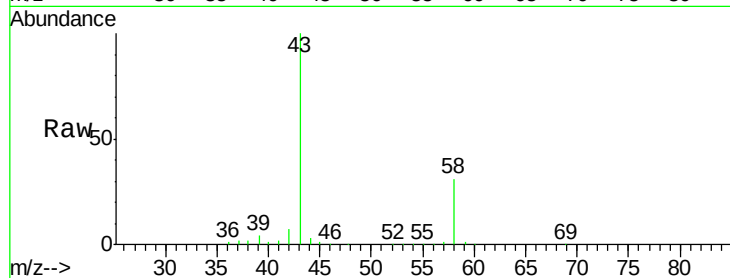
#16
Acetone
Concen: 181.065 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2

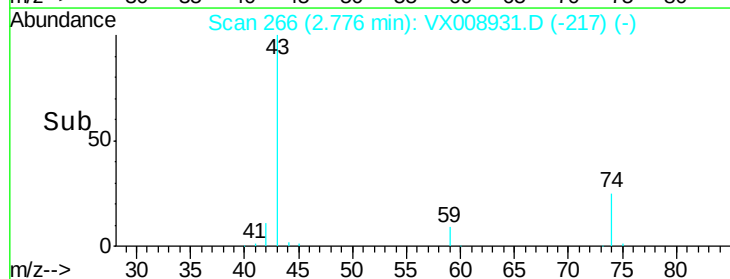
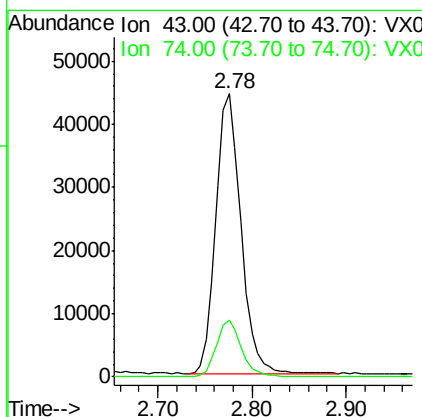
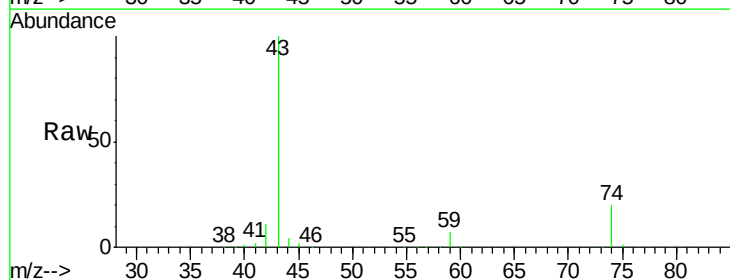
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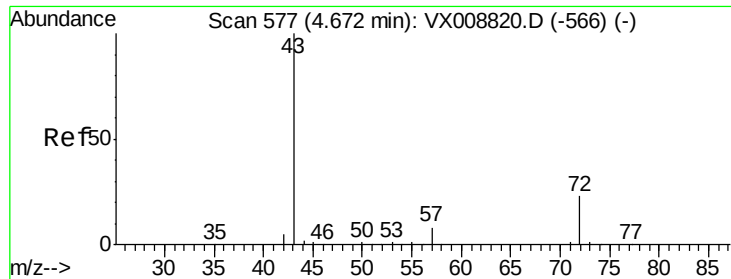
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#18
Methyl Acetate
Concen: 20.931 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.5	24.7





#25

2-Butanone

Concen: 13.062 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-3DL

Tot Ion: 43 Resp: 33496

Ion Ratio Lower Upper

43 100

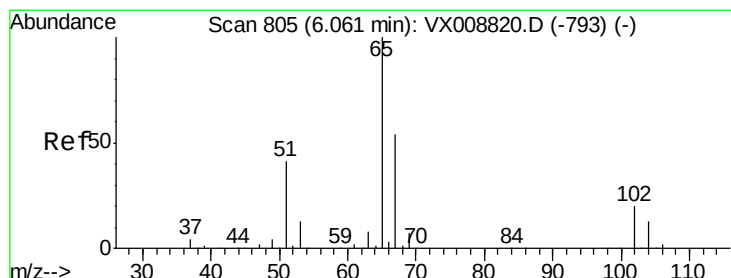
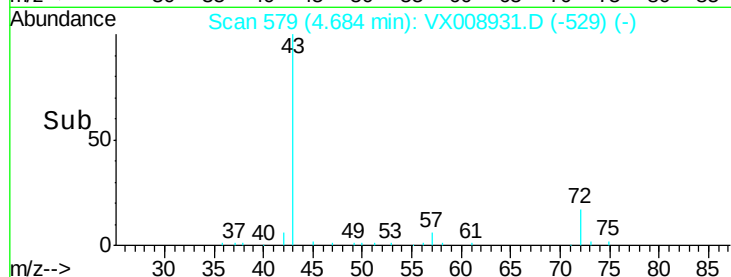
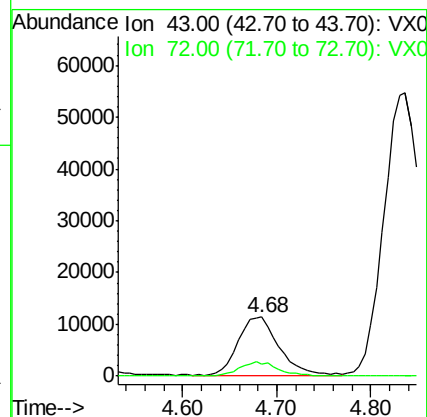
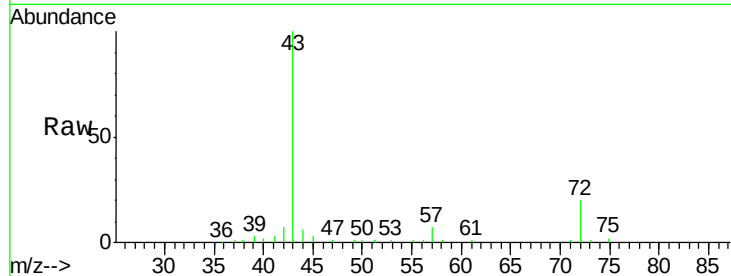
72 20.8 18.2 27.4

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 43.356 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008931.D

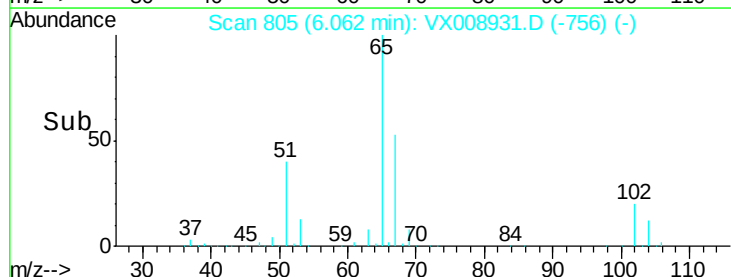
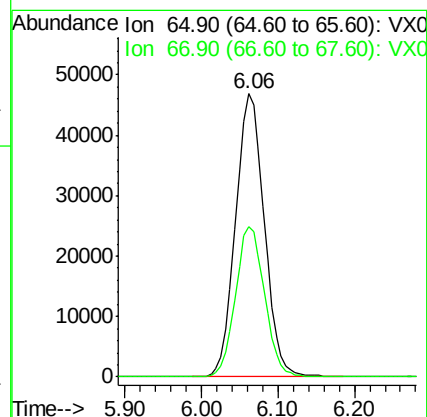
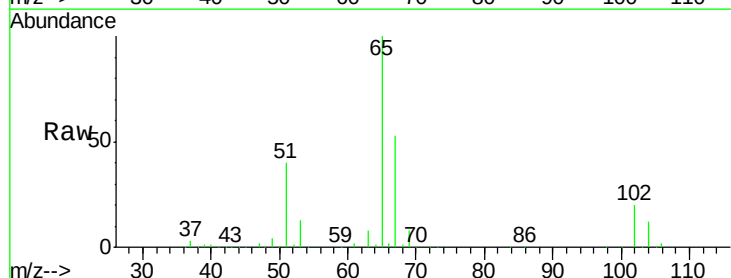
Acq: 13 Apr 2019 14:59

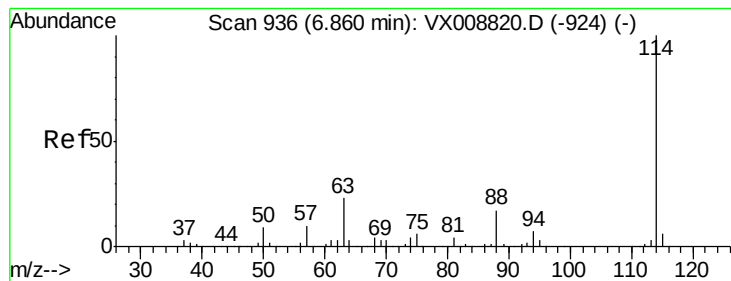
Tgt Ion: 65 Resp: 122134

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

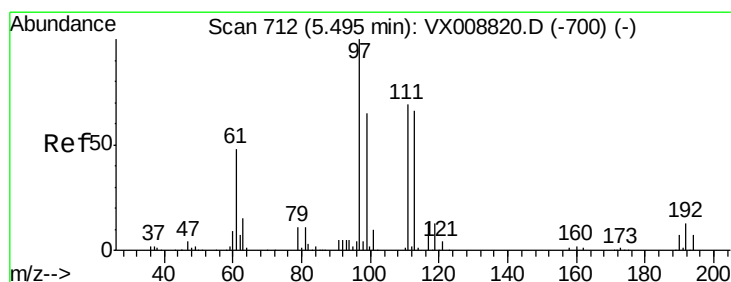
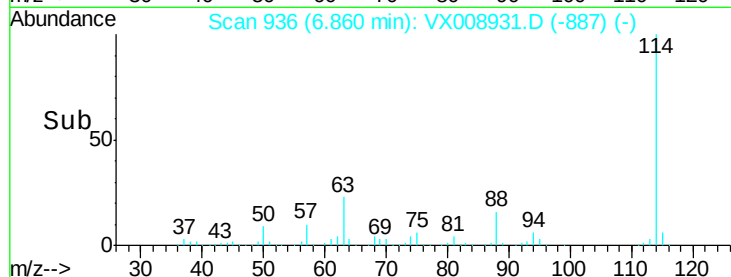
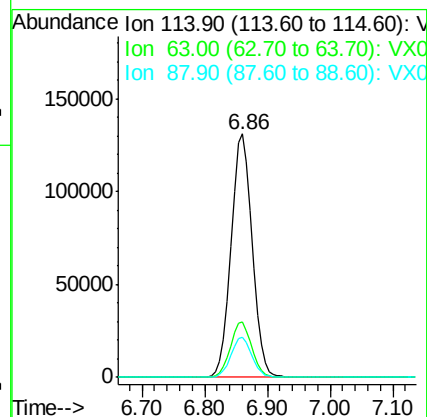
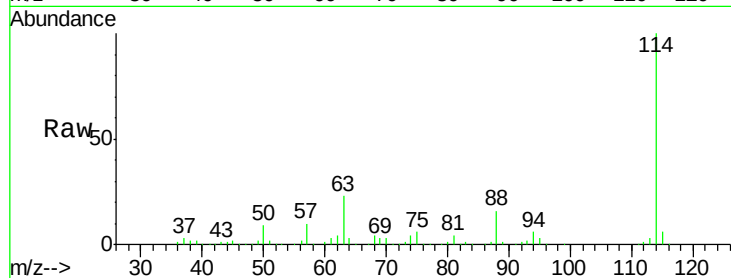
ClientSampleId :

CL-COMP-3DL

Tot Ion:	114	Resp:	305228
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	47.2
88	16.3	0.0	34.0

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#35

Dibromofluoromethane

Concen: 45.944 ug/l

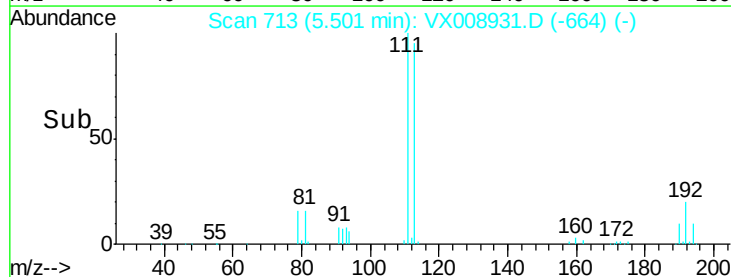
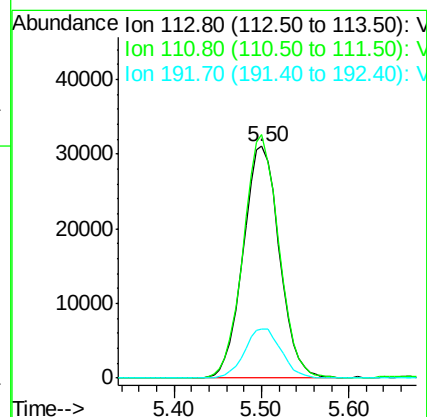
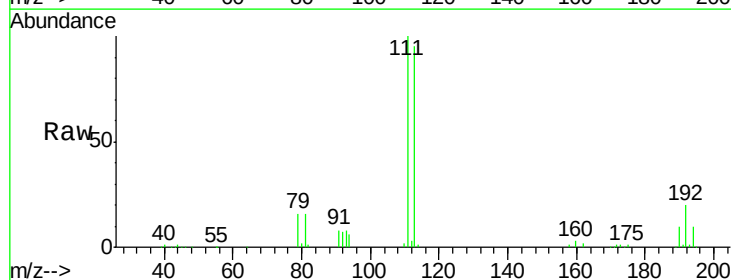
RT: 5.50 min Scan# 713

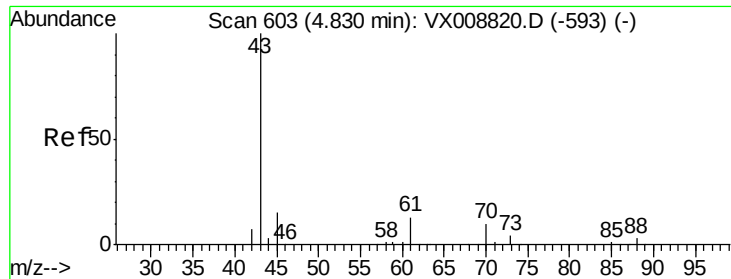
Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Tgt Ion:	113	Resp:	89661
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.4	125.2
192	21.5	16.1	24.1





#37

Ethyl Acetate

Concen: 35.977 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

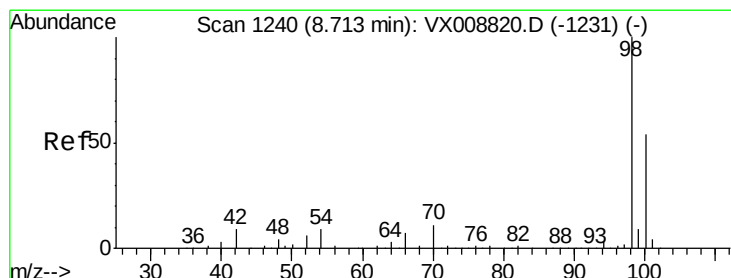
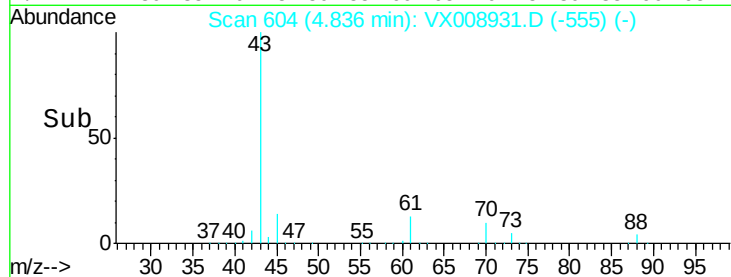
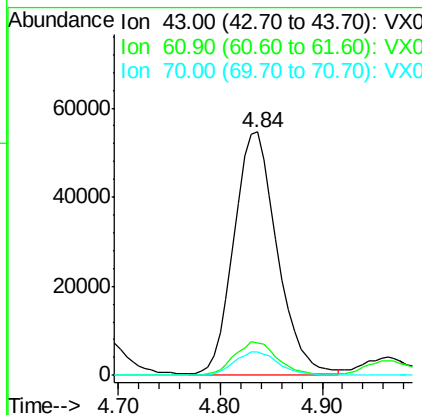
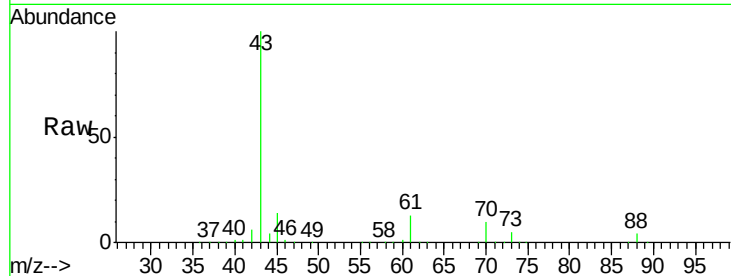
ClientSampleId :

CL-COMP-3DL

Tot Ion:	43	Resp:	160220
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.3	15.5
70	10.1	7.6	11.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.967 ug/l

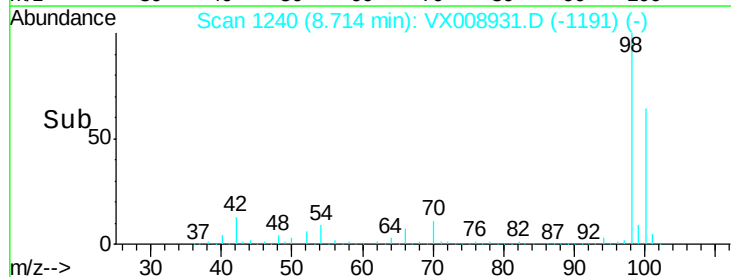
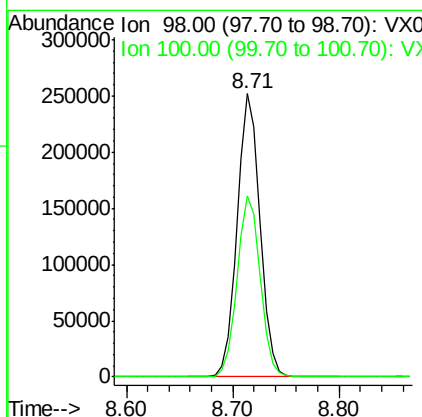
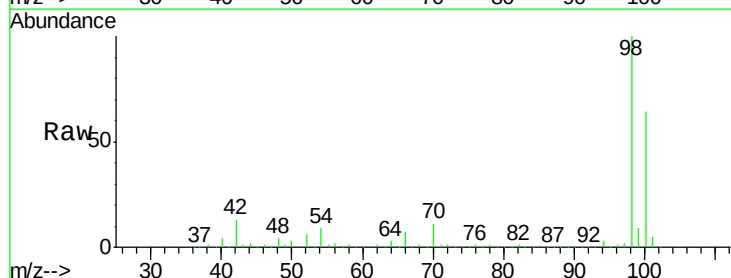
RT: 8.71 min Scan# 1240

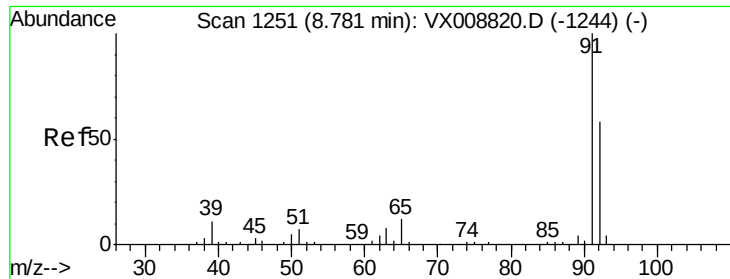
Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Tgt Ion:	98	Resp:	380497
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#52

Toluene

Concen: 0.459 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-3DL

Tot Ion: 92 Resp: 2691

Ion Ratio Lower Upper

92 100

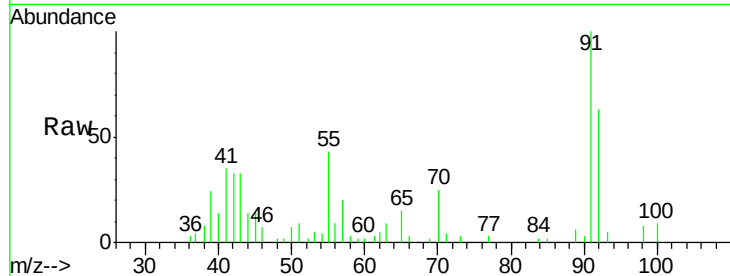
91 162.4 138.5 207.7

Manual Integrations

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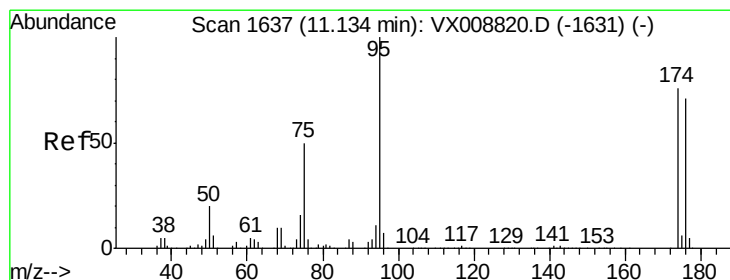
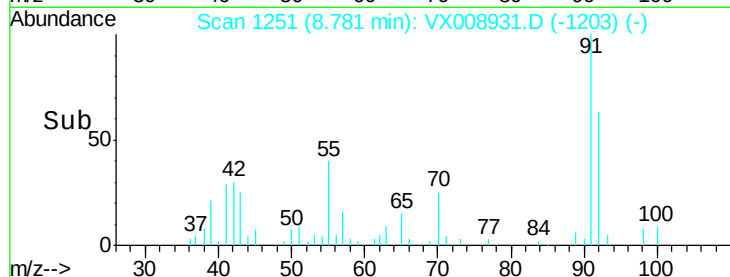
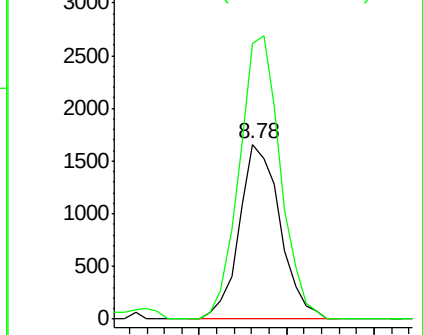
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.276 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

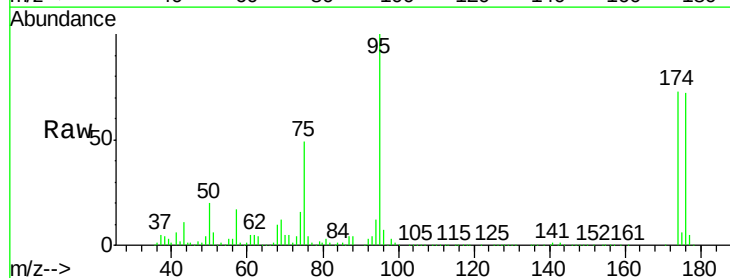
Tgt Ion: 95 Resp: 130268

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

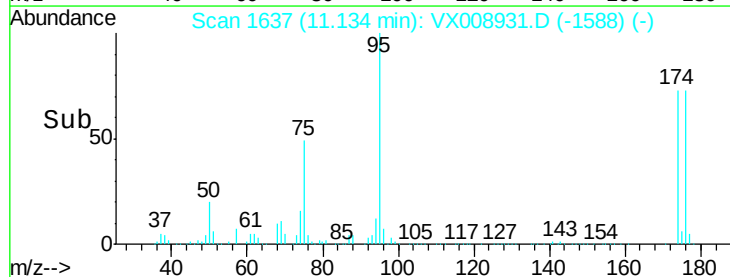
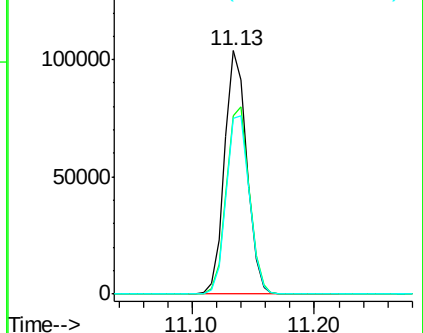
176 76.3 0.0 145.8

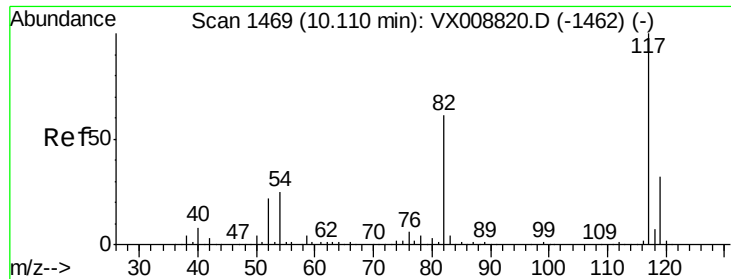


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





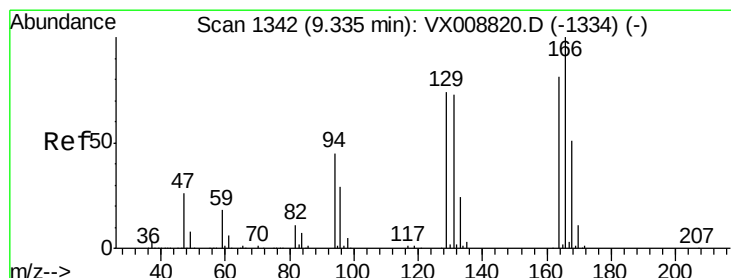
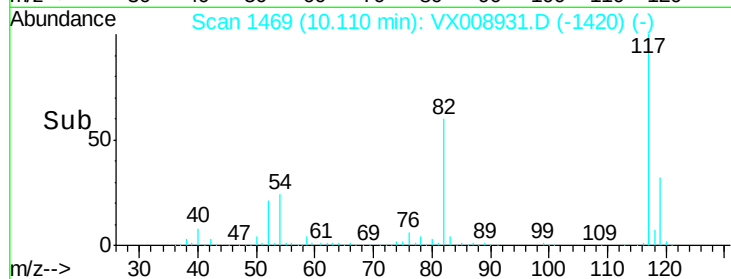
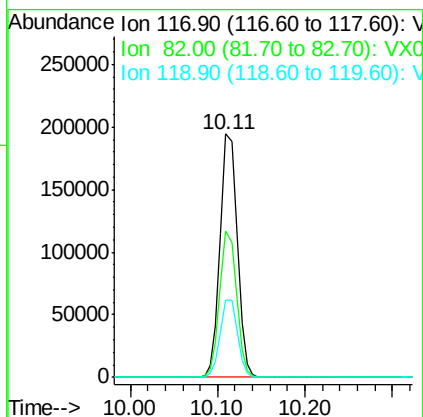
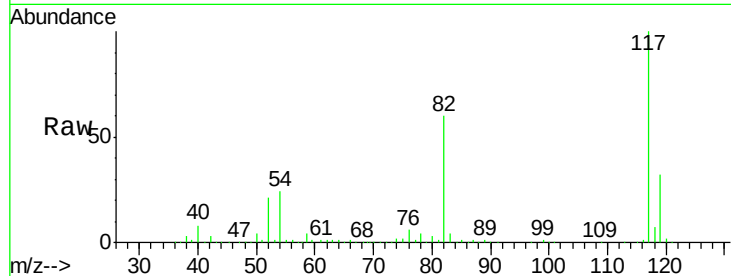
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	49.6	74.4
119	31.5	25.0	37.4

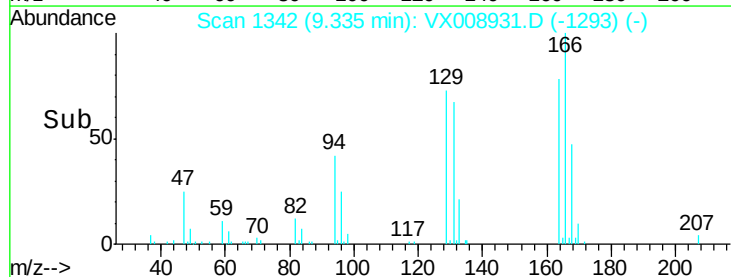
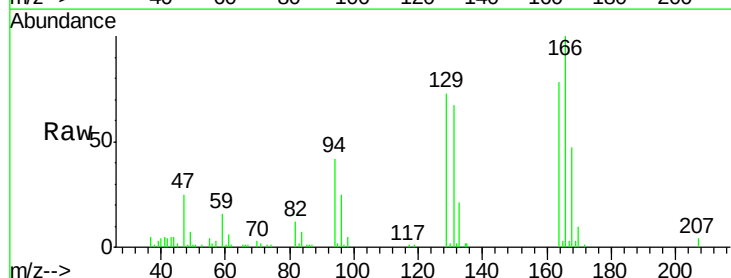
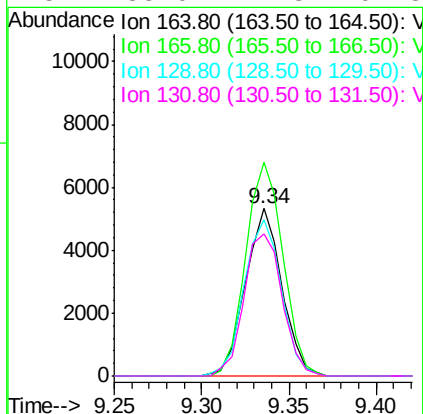
Manual Integrations
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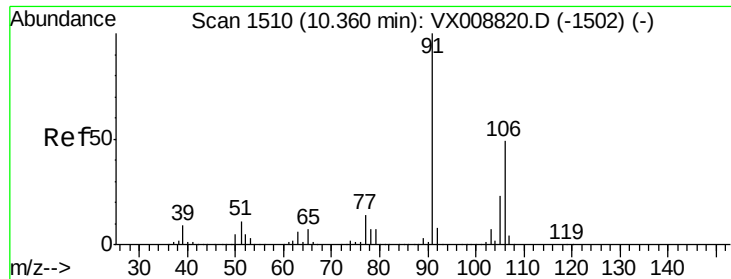
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#64
Tetrachloroethene
Concen: 3.916 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.0	151.6
129	93.4	75.8	113.8
131	85.0	71.8	107.8





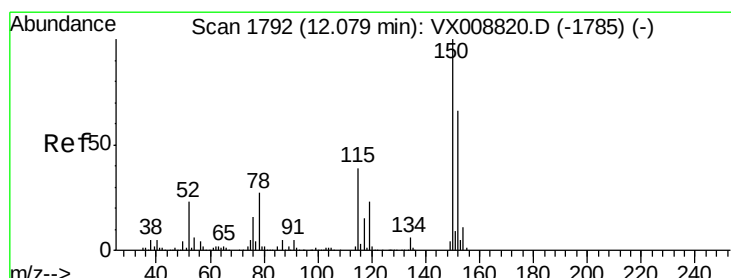
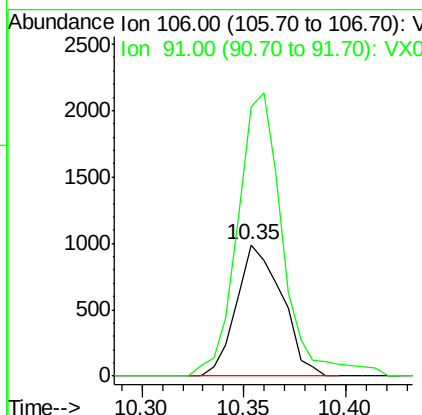
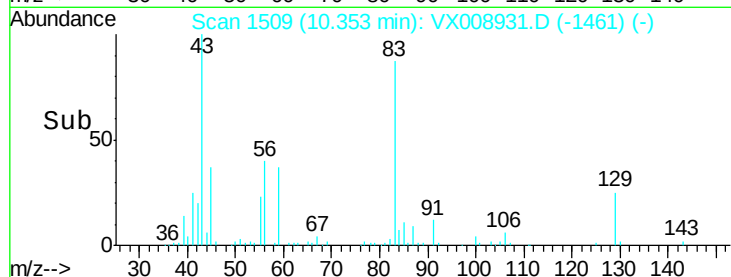
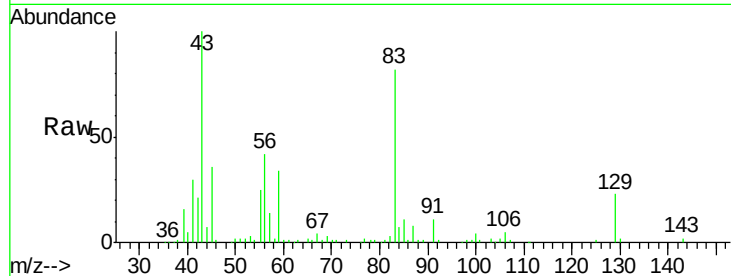
#68
m/p-Xvlenes
Concen: 0.388 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.6	168.5	252.7

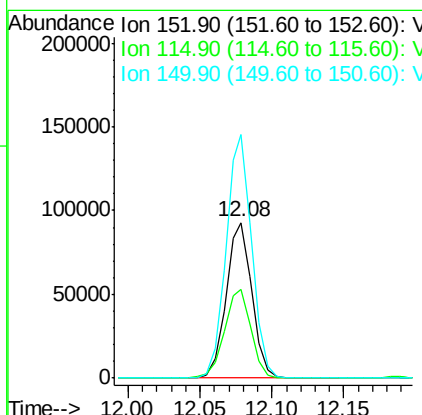
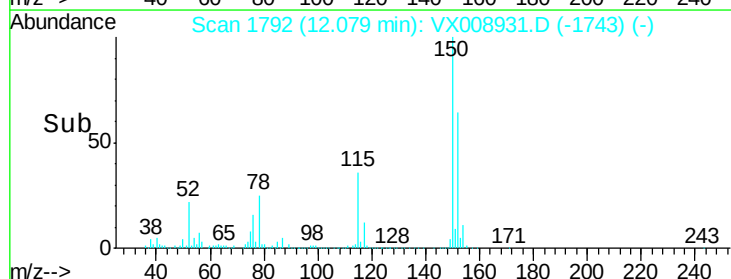
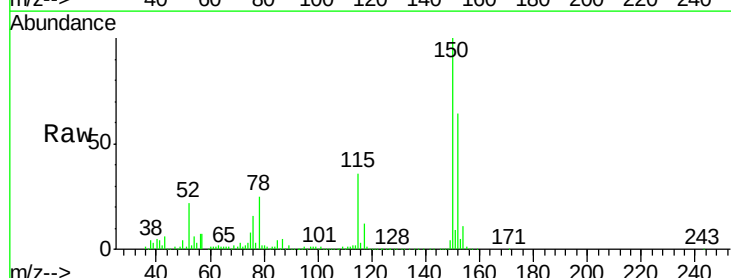
Manual Integrations
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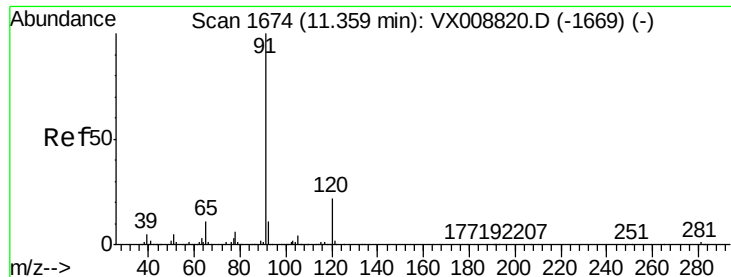
MMDadoda
4/15/2019 12:55:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	43.5	130.5
150	156.4	0.0	348.8





#78

n-propylbenzene

Concen: 0.318 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-3DL

Tot Ion: 91 Resp: 3552

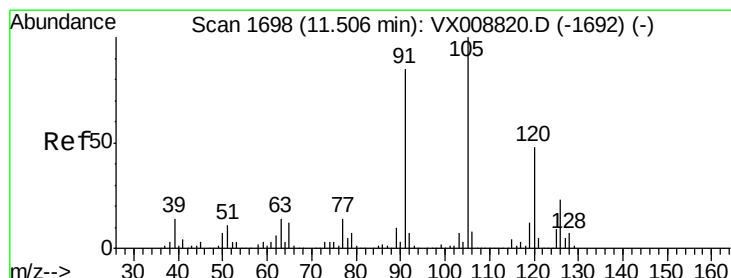
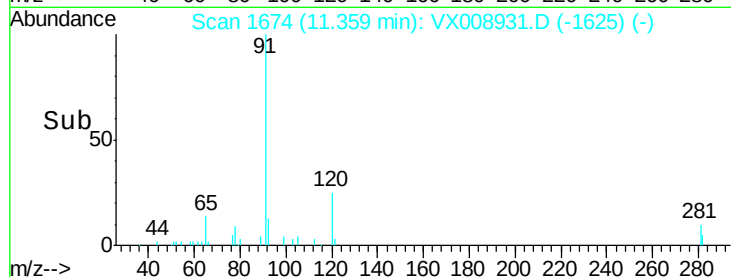
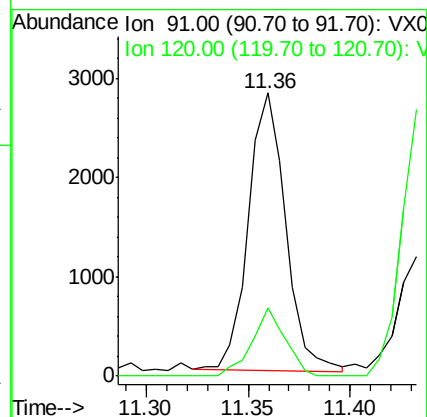
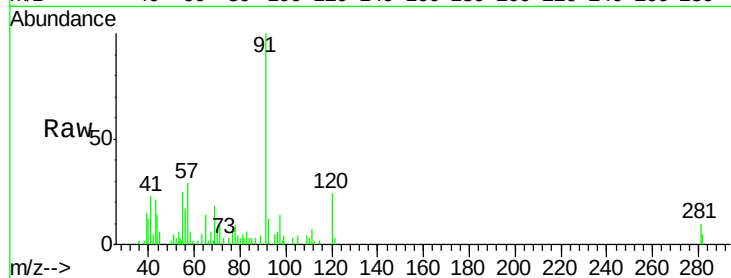
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7

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#80

1,3,5-Trimethylbenzene

Concen: 1.019 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008931.D

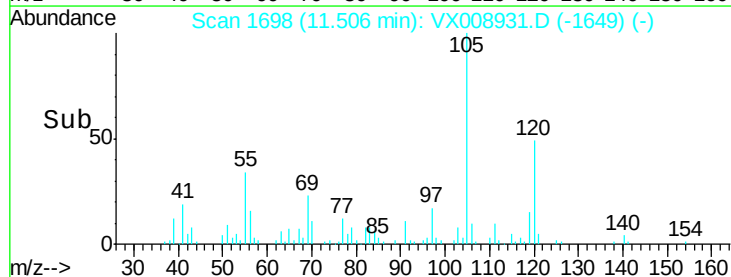
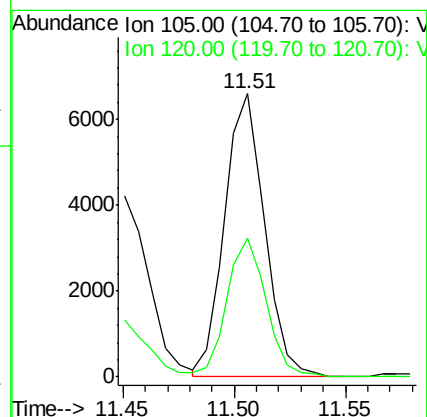
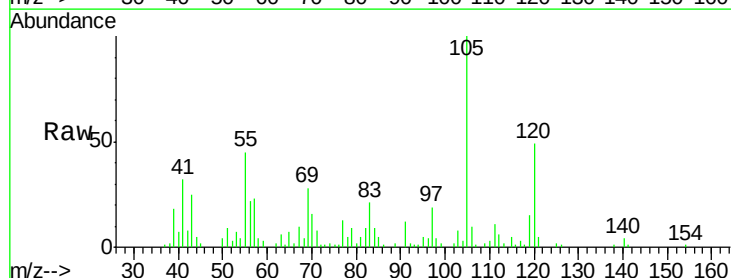
Acq: 13 Apr 2019 14:59

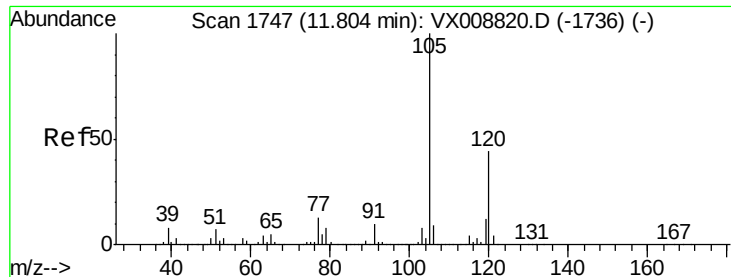
Tgt Ion: 105 Resp: 8218

Ion Ratio Lower Upper

105 100

120 48.1 23.5 70.6





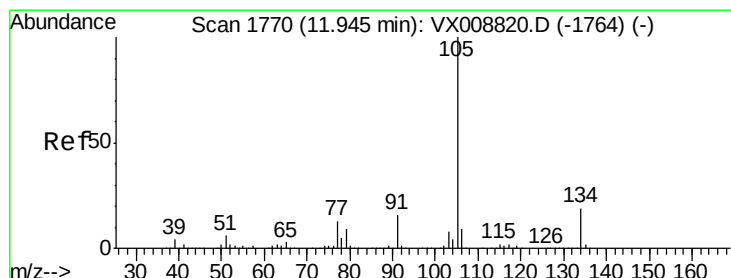
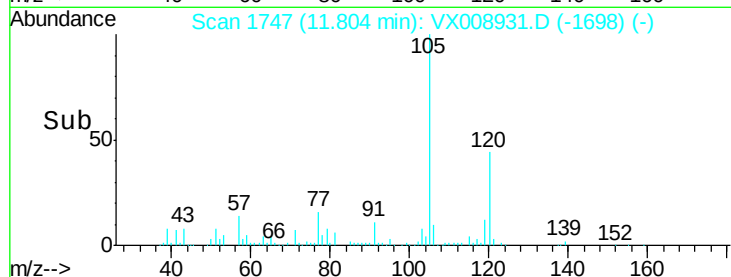
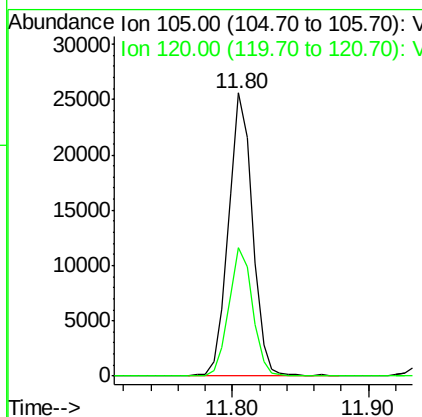
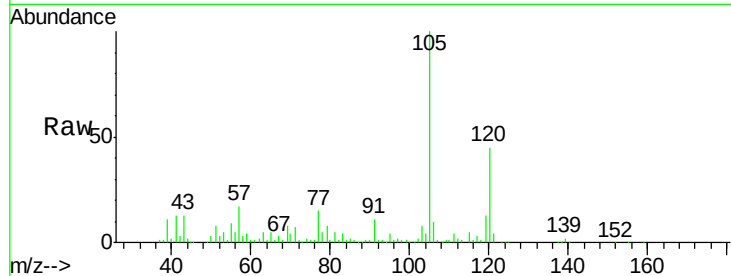
#84
 1,2,4-Trimethylbenzene
 Concen: 3.836 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-3DL

Tot Ion:105 Resp: 31319
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.8 65.3

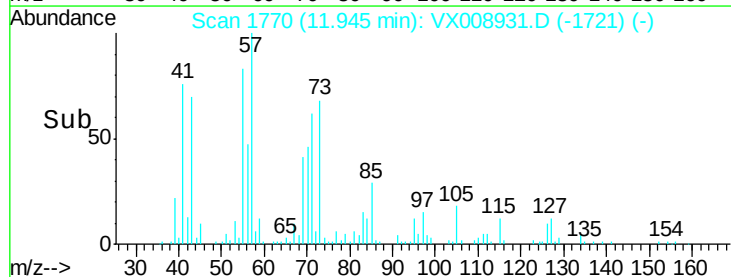
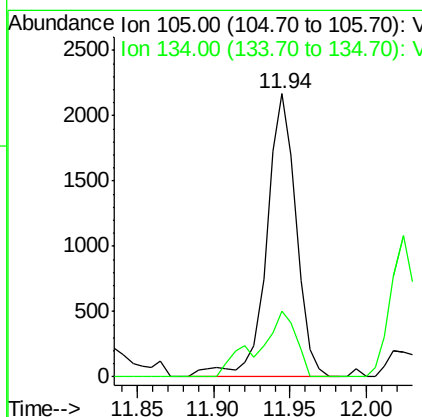
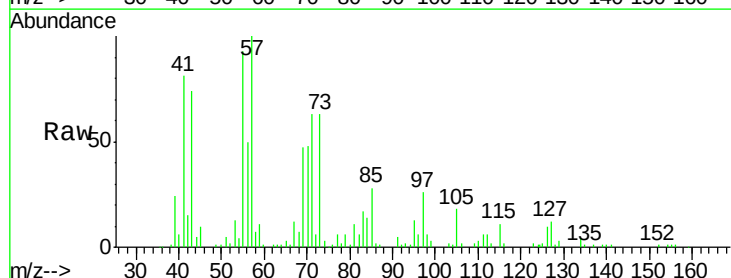
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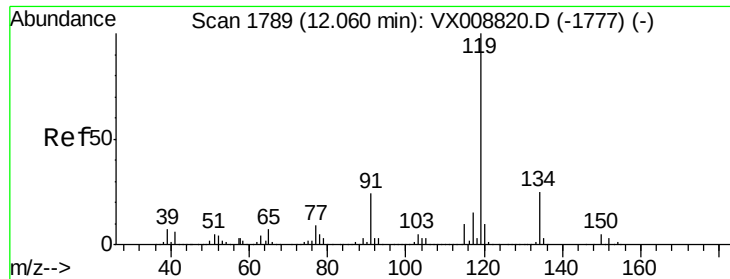
MMDadoda
 4/15/2019 12:55:31 PM



#85
 sec-Butylbenzene
 Concen: 0.319 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

Tgt Ion:105 Resp: 2939
 Ion Ratio Lower Upper
 105 100
 134 29.8 9.4 28.2#





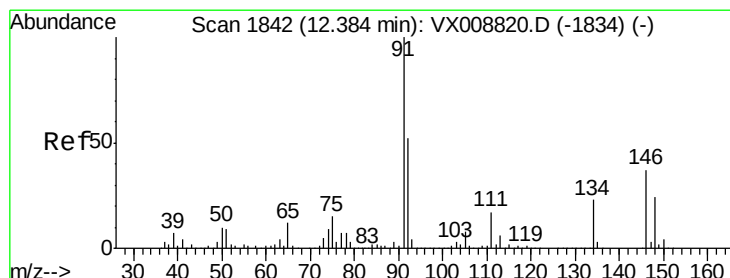
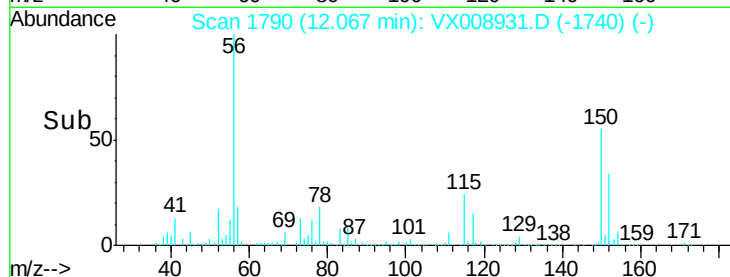
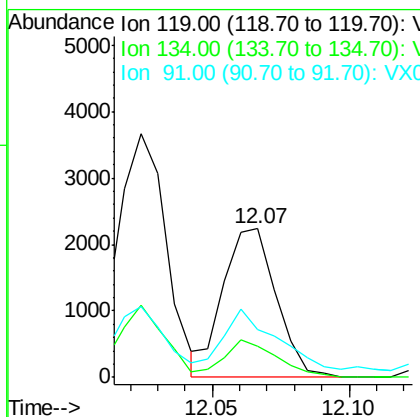
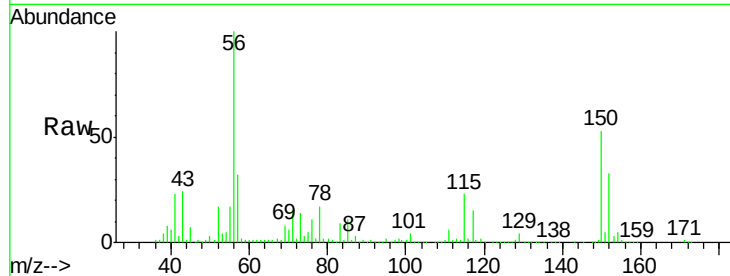
#86
p-Isopropyltoluene
Concen: 0.367 ug/l m
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	41.9	12.8	38.4#
91	34.1	12.2	36.6

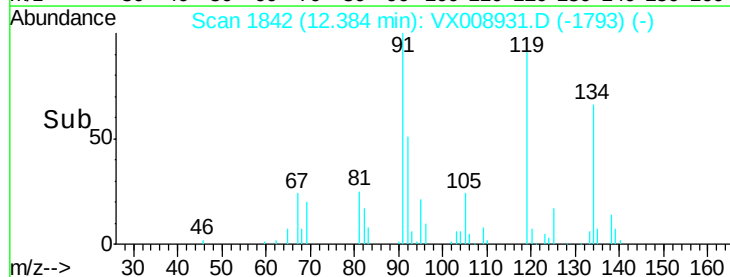
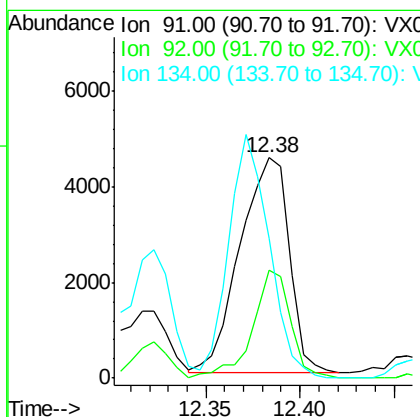
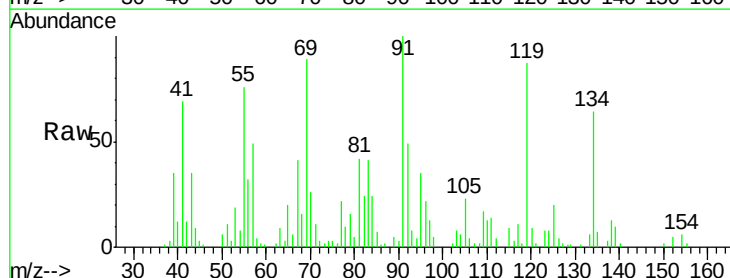
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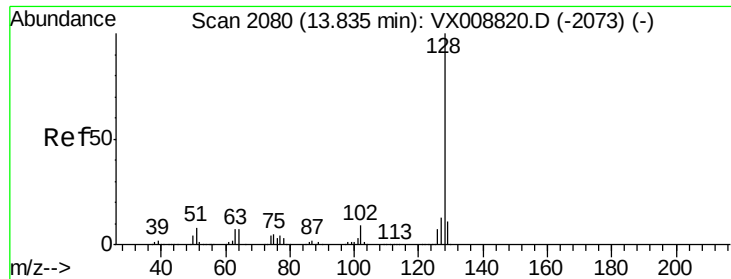
MMDadoda
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#89
n-Butylbenzene
Concen: 1.052 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.6	26.4	79.2
134	92.9	12.0	36.0#





#95
Naphthalene
Concen: 5.500 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-3DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.7	8.6	13.0

Manual Integrations
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4/15/2019 12:55:31 PM

