

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004595.D
 Acq On : 15 Sep 2018 20:00
 Operator : JC/MD
 Sample : J4919-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Manual Integrations
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 9/17/2018 6:27:26 PM

Quant Time: Sep 17 09:04:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149643	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	5.50	113	147329	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.72	98	493981	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	189878	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
Target Compounds						
						Qvalue
16) Acetone	2.45	43	57467	38.36	ug/l	94
17) Carbon Disulfide	2.57	76	16130	2.24	ug/l	99
18) Methyl Acetate	2.78	43	5469	1.30	ug/l	99
20) Methylene Chloride	2.85	84	5148840	1675.59	ug/l	88
25) 2-Butanone	4.70	43	15711	6.59	ug/l #	89
39) Methylcyclohexane	7.46	83	891	0.21	ug/l	87
40) Benzene	6.15	78	20268482	1641.09	ug/l	92
43) Isopropyl Acetate	6.46	43	130331	20.73	ug/l	100
52) Toluene	8.79	92	10433177	1433.79	ug/l	84
65) Chlorobenzene	10.14	112	3580	0.43	ug/l	97
67) Ethyl Benzene	10.26	91	1769882	129.68	ug/l	99
68) m/p-Xylenes	10.36	106	3015048	573.52	ug/l	98
69) o-Xylene	10.70	106	1385173	274.07	ug/l	100
70) Styrene	10.71	104	1886366	225.29	ug/l	96
73) Isopropylbenzene	11.02	105	20719	1.50	ug/l	100
78) n-propylbenzene	11.36	91	23739	1.49	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.51	105	465617	40.07	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1272166	107.24	ug/l	100
95) Naphthalene	13.84	128	27861458m	1944.69	ug/l	

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

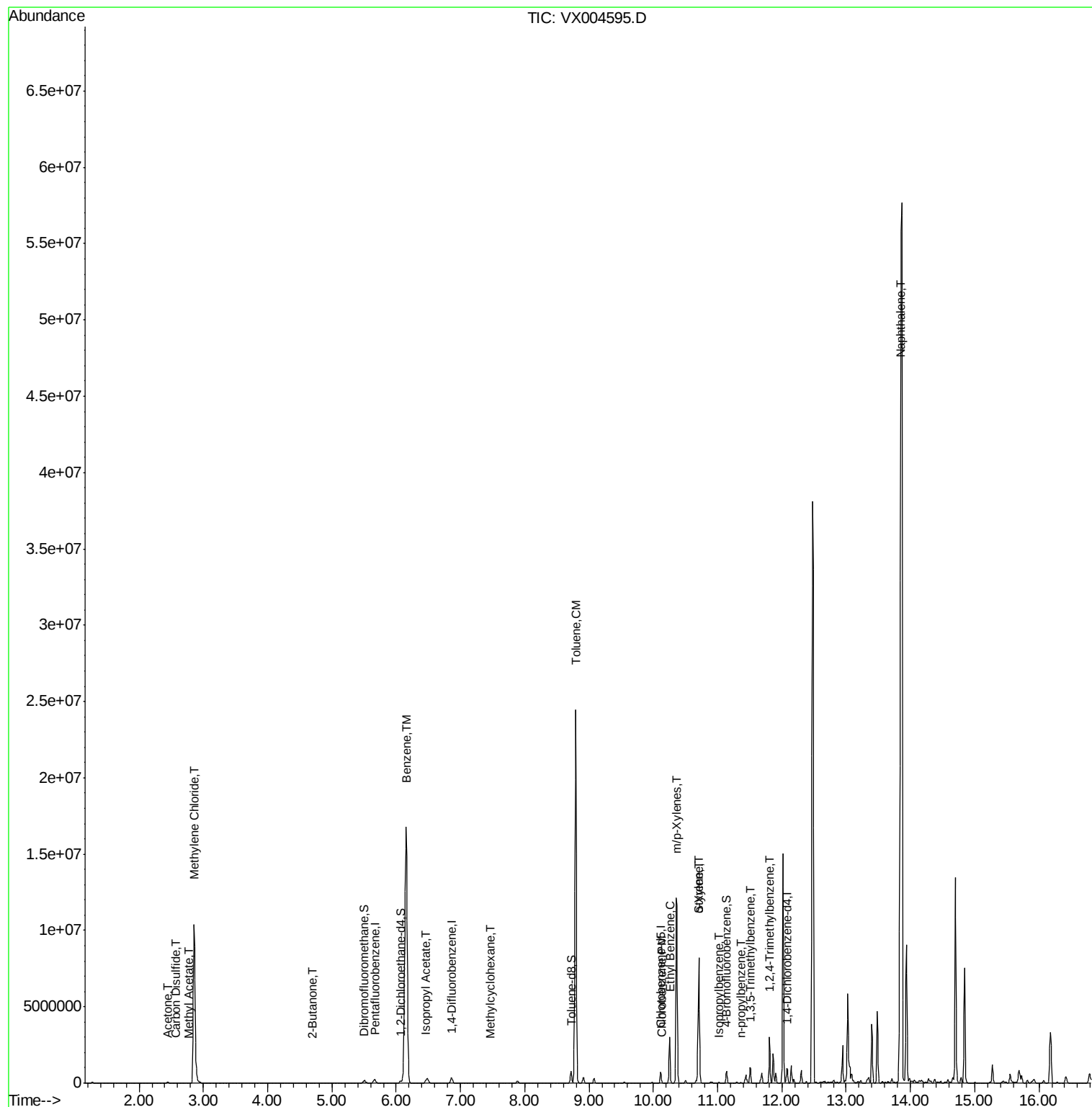
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
Data File : VX004595.D
Acq On : 15 Sep 2018 20:00
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ALS Vial : 20 Sample Multiplier: 1

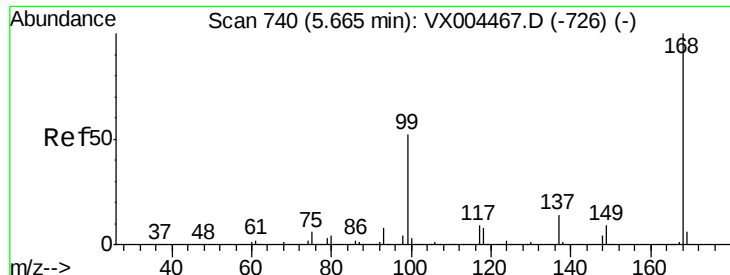
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

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Quant Time: Sep 17 09:04:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:168 Resp: 238021

Ion Ratio Lower Upper

168 100

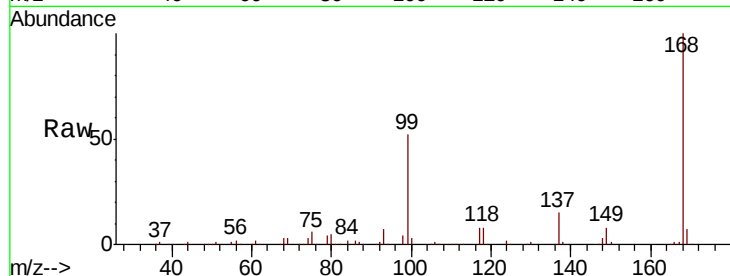
99 52.1 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

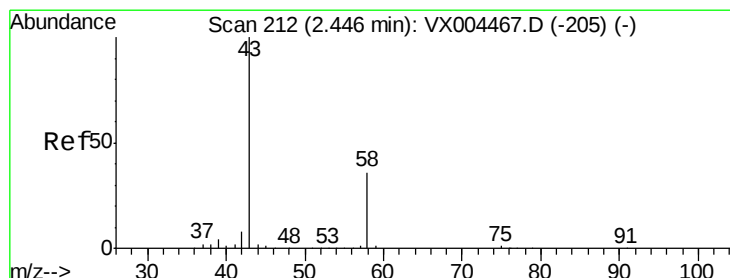
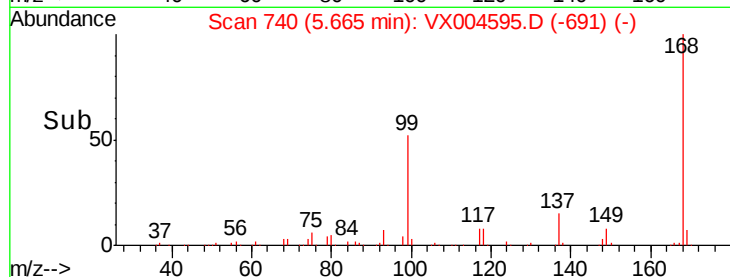
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 38.36 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004595.D

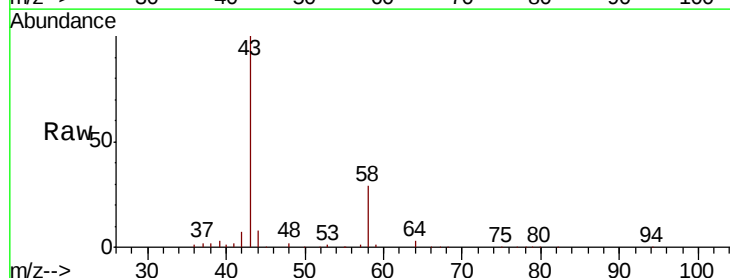
Acq: 15 Sep 2018 20:00

Tgt Ion: 43 Resp: 57467

Ion Ratio Lower Upper

43 100

58 29.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

30000

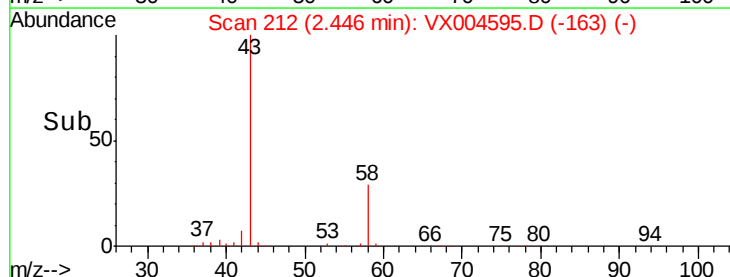
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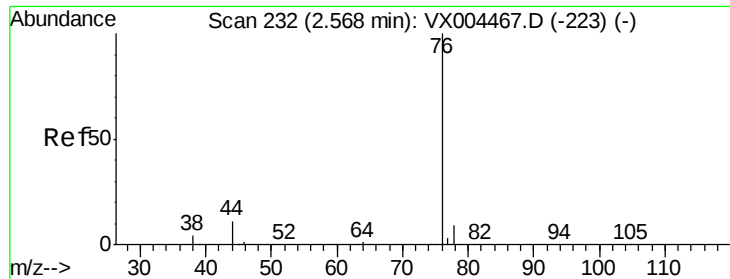
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Time-->

2.40 2.50





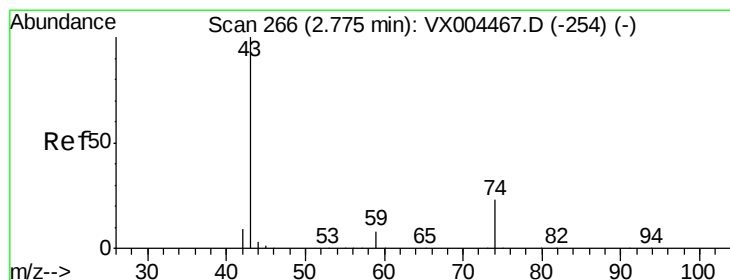
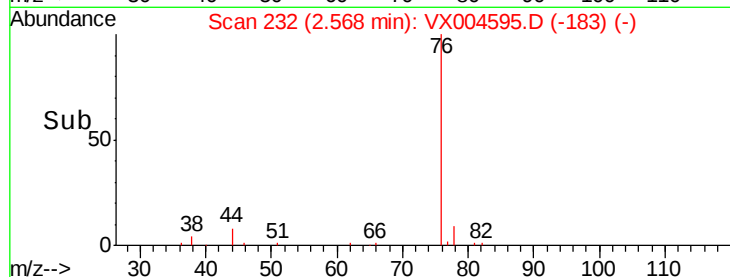
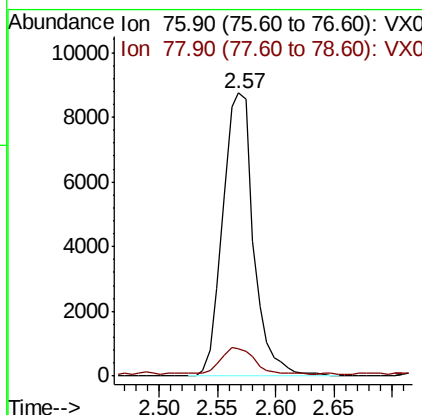
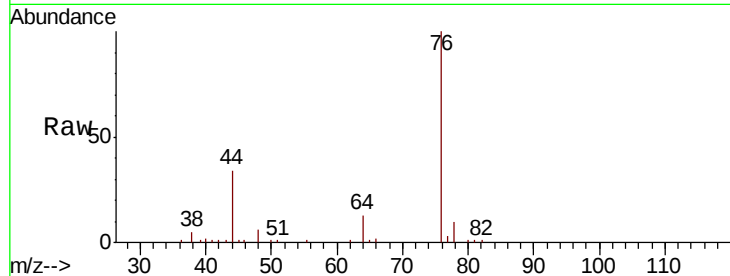
#17
Carbon Disulfide
Concen: 2.24 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

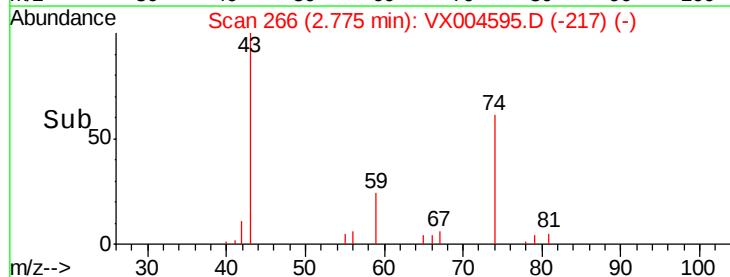
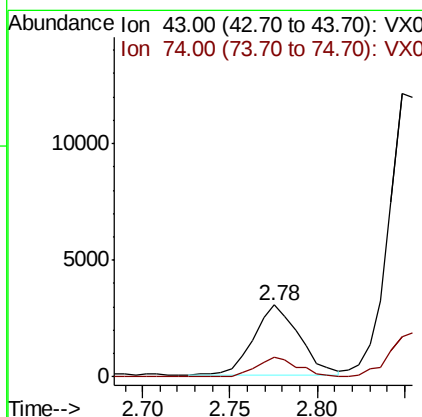
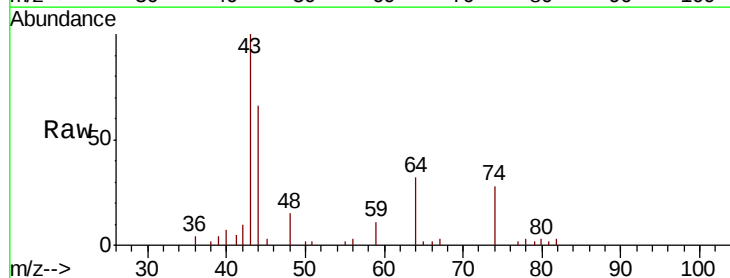
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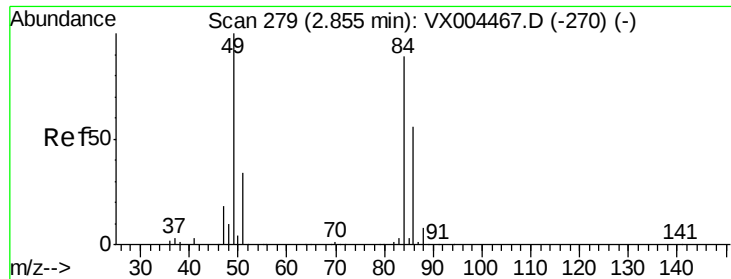
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#18
Methyl Acetate
Concen: 1.30 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.4	29.2





#20
Methylene Chloride
Concen: 1675.59 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

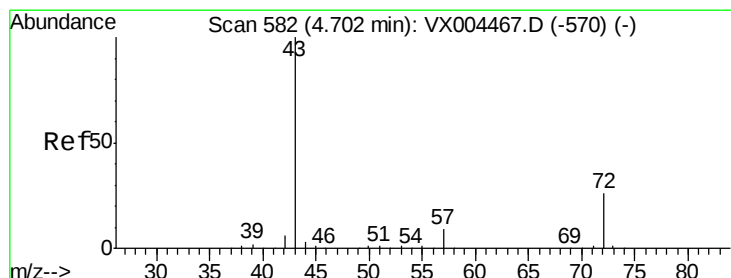
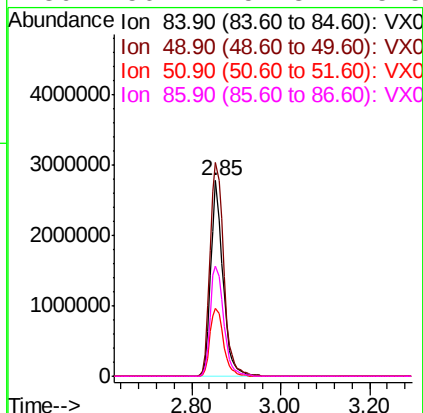
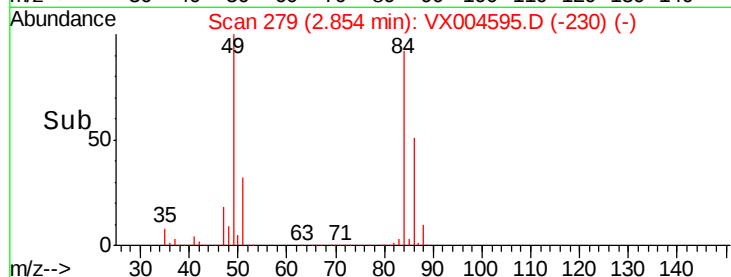
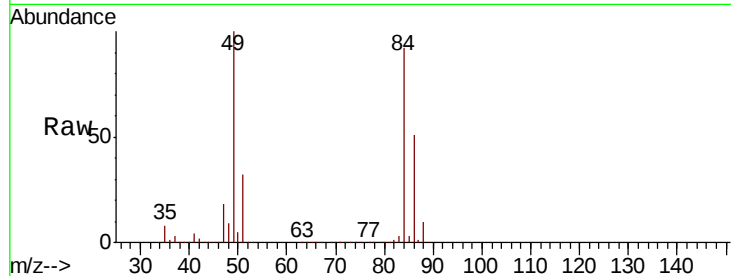
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion: 84 Resp: 5148840

Ion	Ratio	Lower	Upper
84	100		
49	109.1	101.2	151.8
51	34.8	29.5	44.3
86	56.1	52.3	78.5

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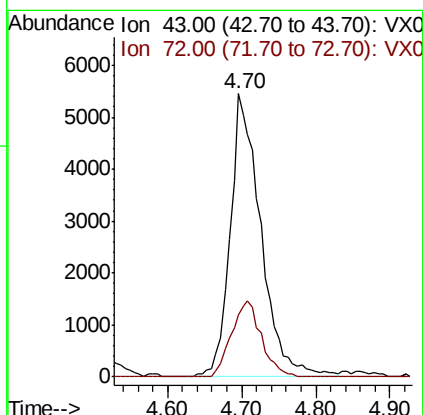
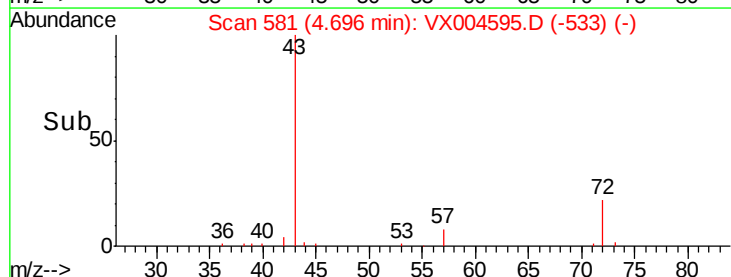
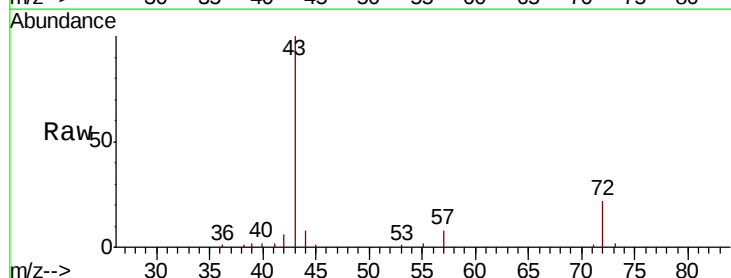
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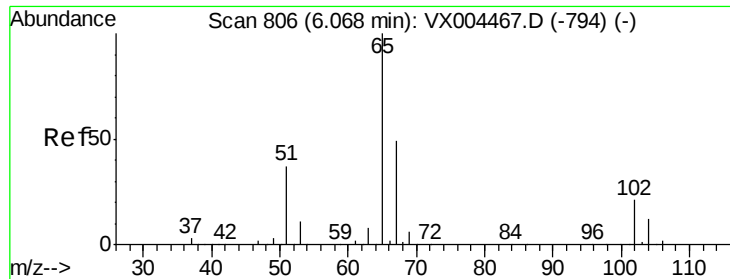


#25
2-Butanone
Concen: 6.59 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 43 Resp: 15711

Ion	Ratio	Lower	Upper
43	100		
72	21.9	22.0	33.0#





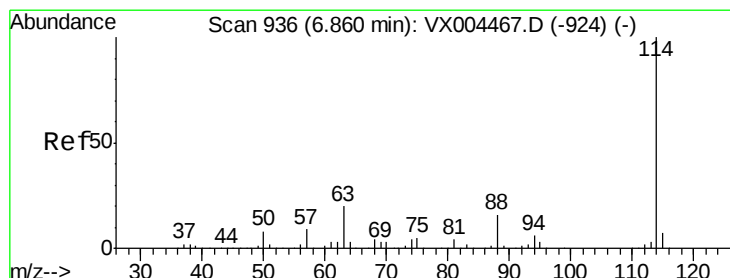
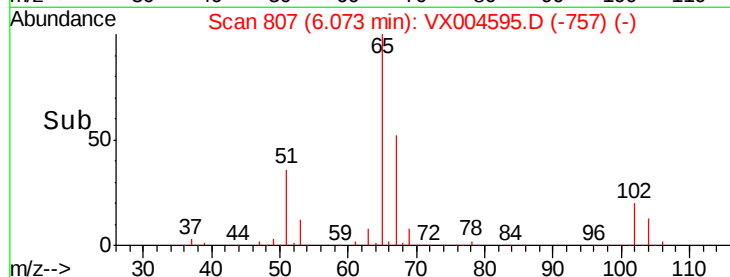
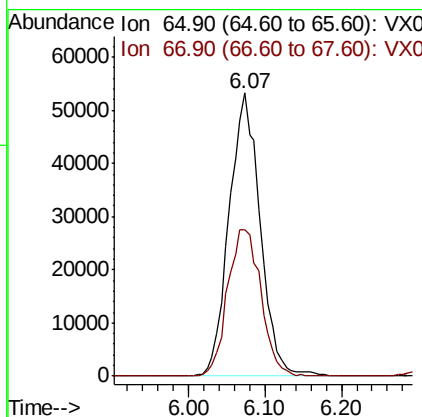
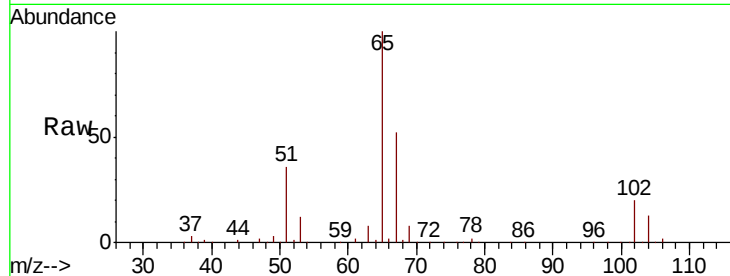
#33
 1,2-Dichloroethane-d4
 Concen: 48.76 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion: 65 Resp: 149643
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8

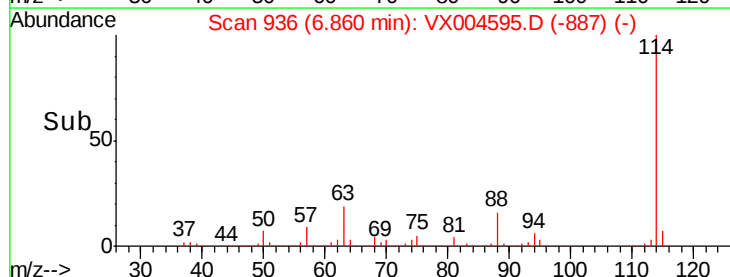
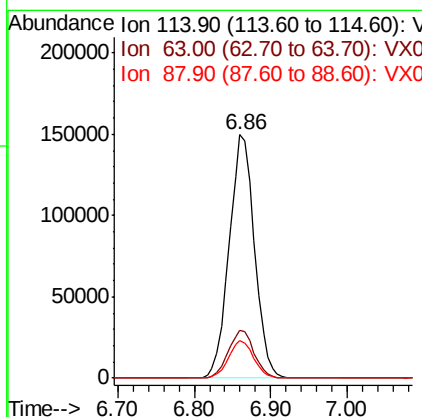
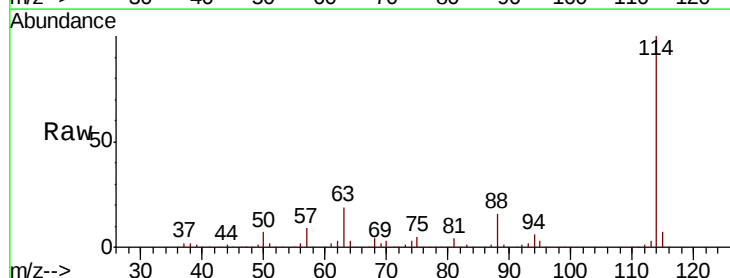
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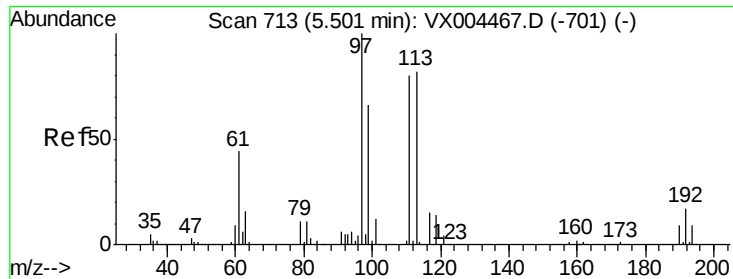
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion: 114 Resp: 342867
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.4





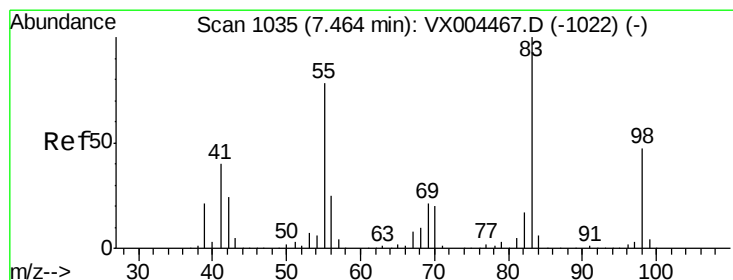
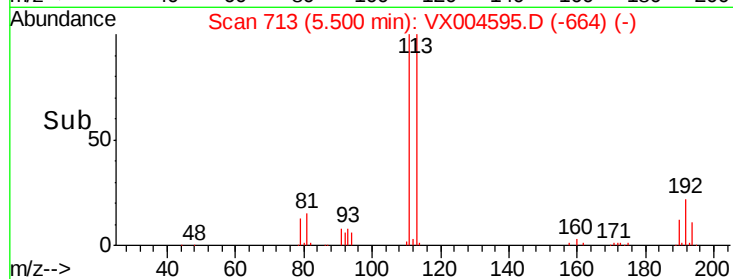
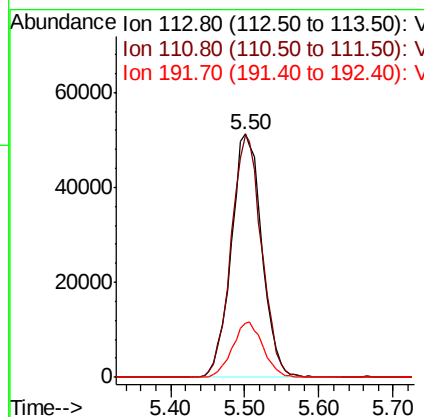
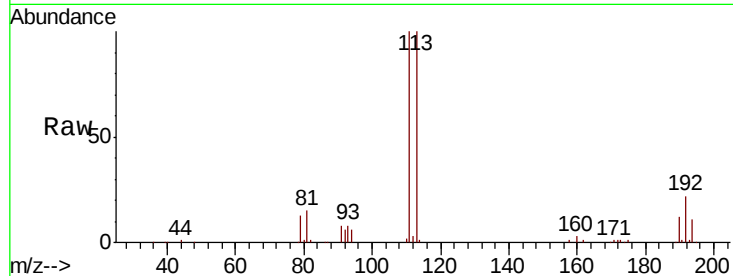
#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.4	123.6
192	22.7	19.4	29.2

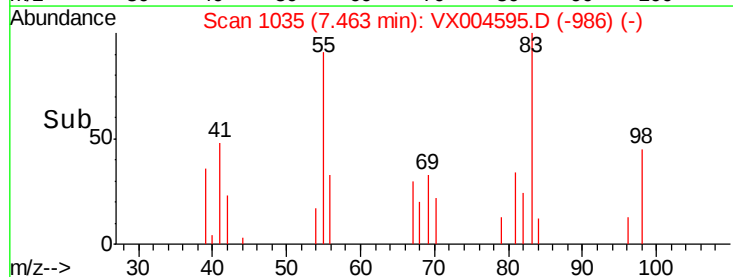
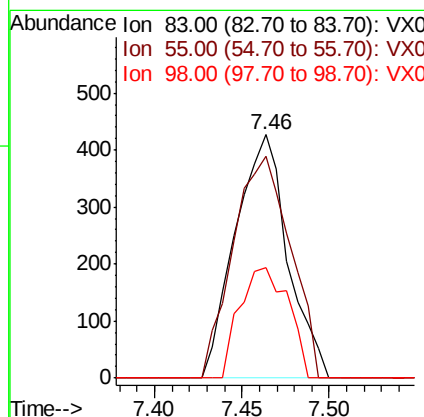
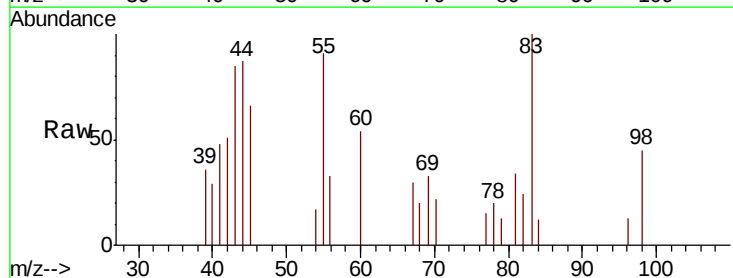
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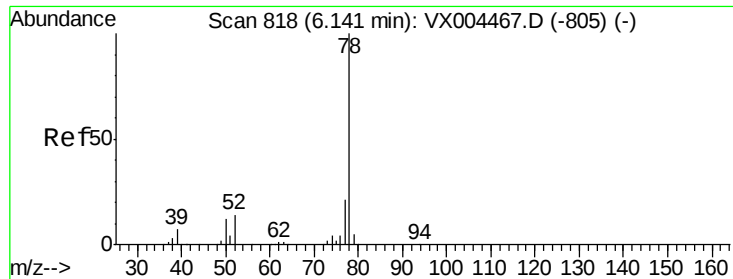
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#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.3	61.0	91.4
98	45.2	39.6	59.4





#40

Benzene

Concen: 1641.09 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion: 78 Resp: 20268482

Ion Ratio Lower Upper

78 100

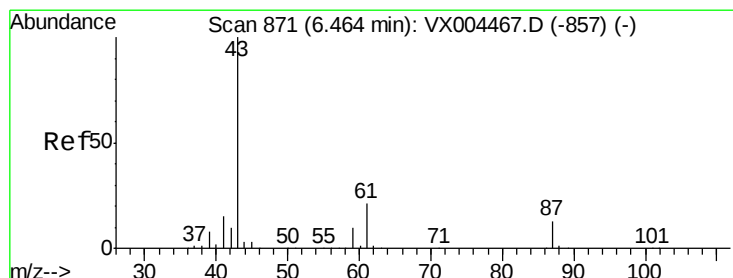
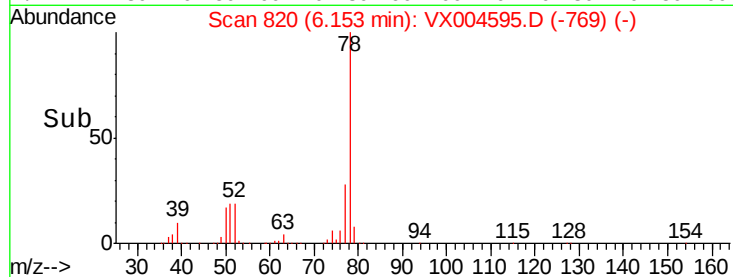
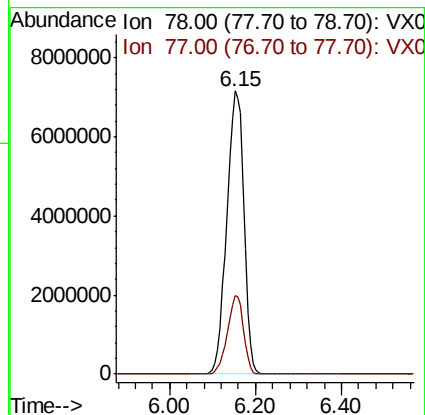
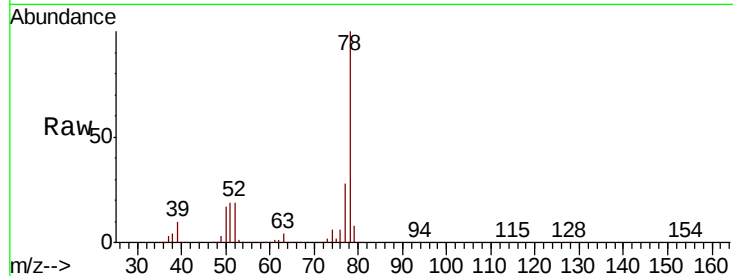
77 27.8 19.0 28.4

Manual Integrations

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#43

Isopropyl Acetate

Concen: 20.73 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

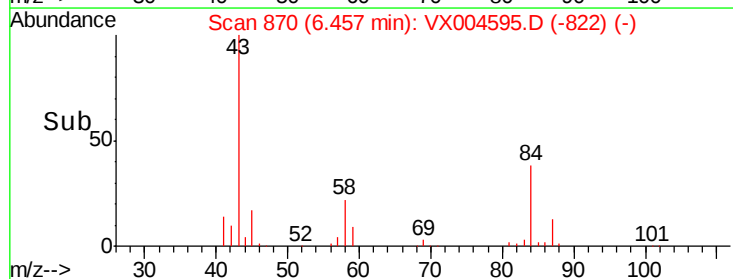
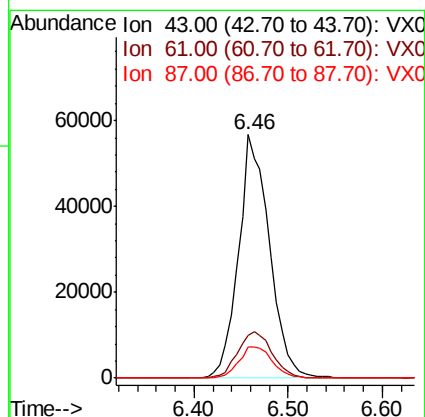
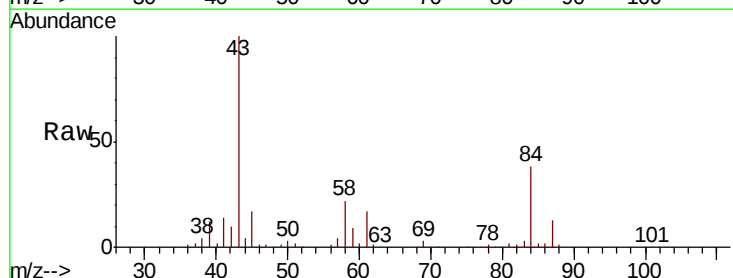
Tgt Ion: 43 Resp: 130331

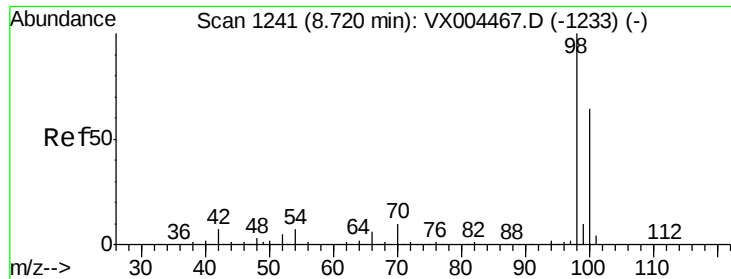
Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

87 14.1 11.4 17.2





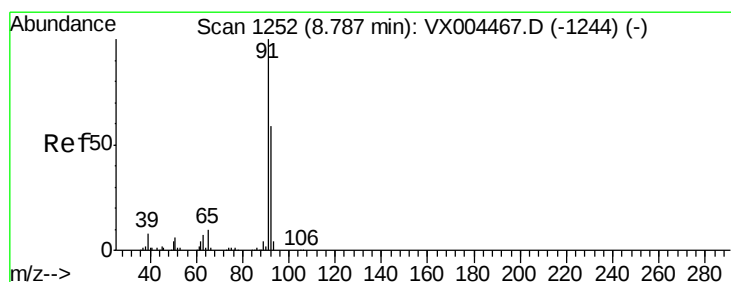
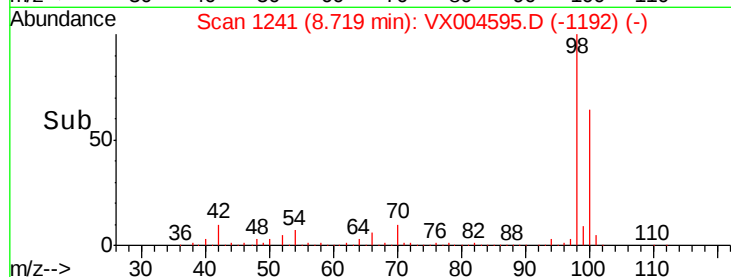
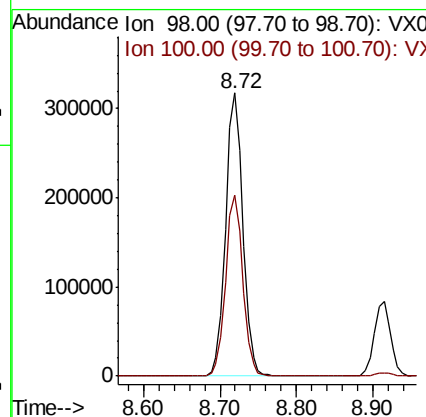
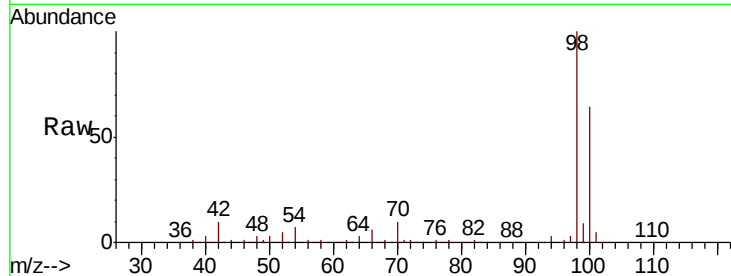
#50
Toluene-d8
Concen: 46.95 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion: 98 Resp: 493981
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3

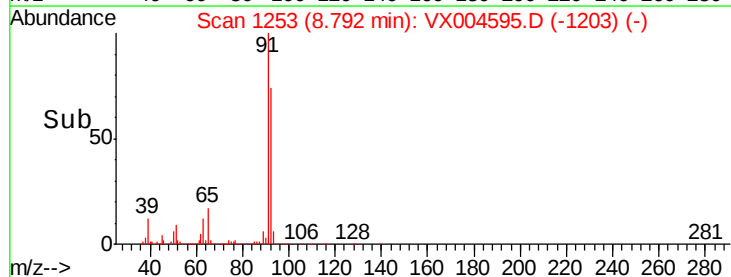
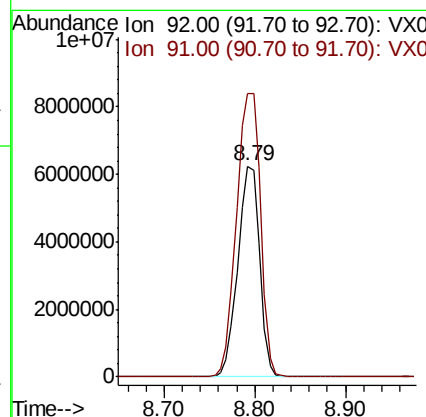
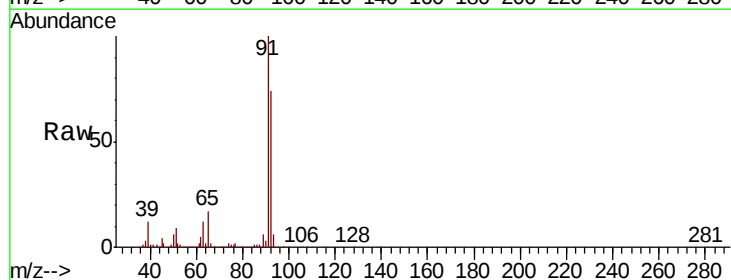
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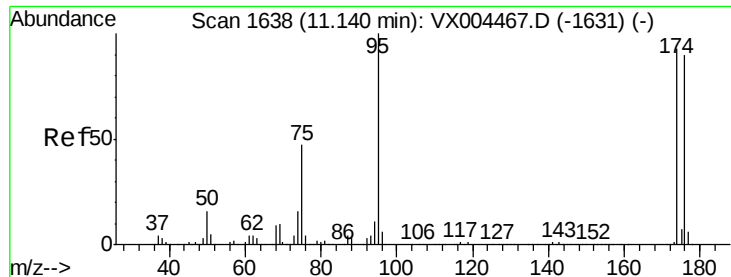
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#52
Toluene
Concen: 1433.79 ug/l
RT: 8.79 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 92 Resp:10433177
Ion Ratio Lower Upper
92 100
91 148.5 136.4 204.6





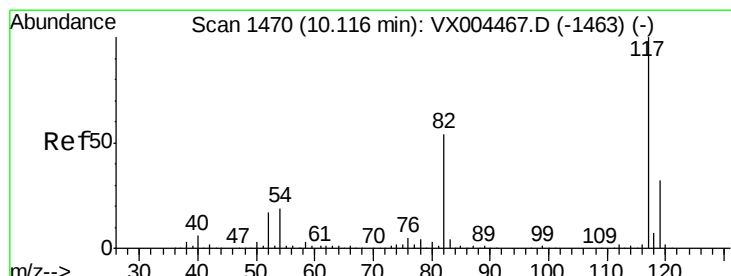
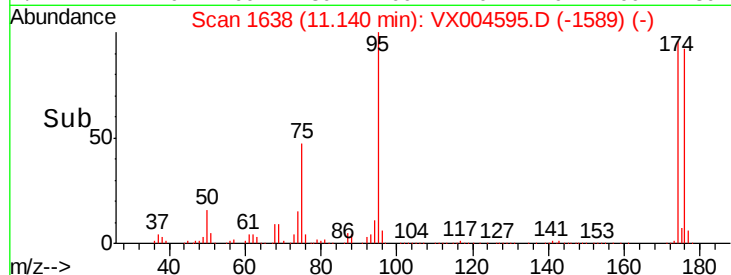
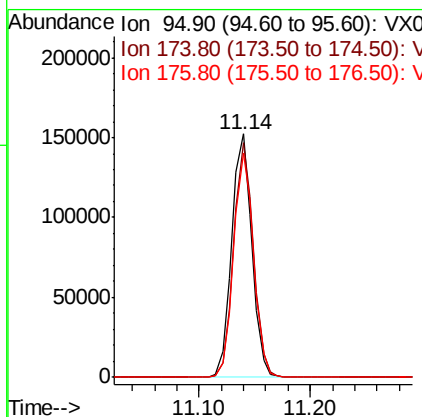
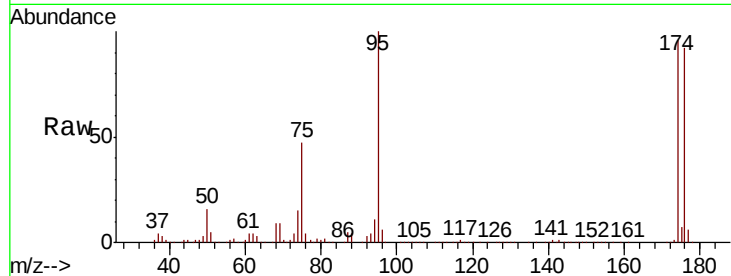
#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	189878		
174	95.0	0.0	185.2	
176	91.7	0.0	178.6	

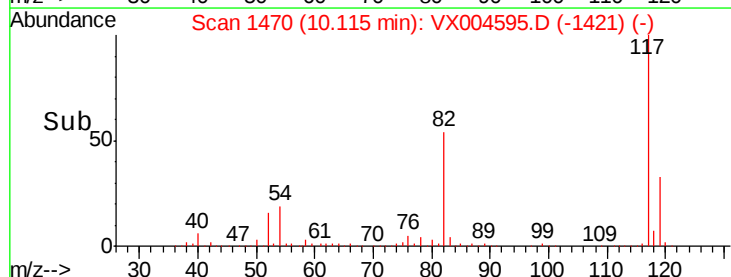
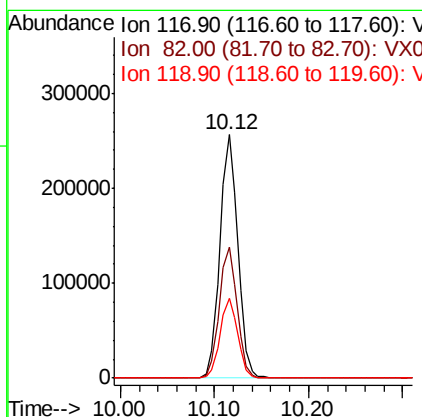
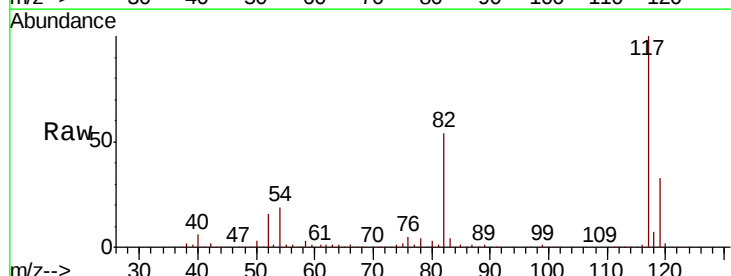
Manual Integrations
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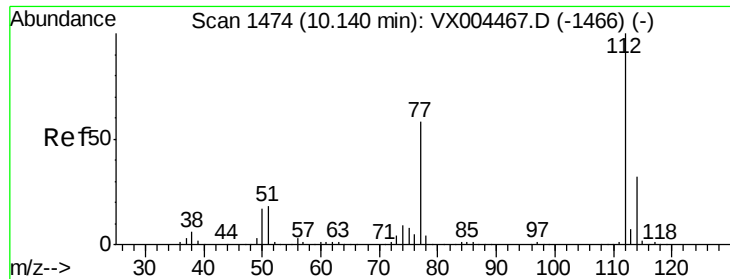
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337898		
82	53.6	47.8	71.6	
119	32.5	29.3	43.9	





#65

Chlorobenzene

Concen: 0.43 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:112 Resp: 3580

Ion Ratio Lower Upper

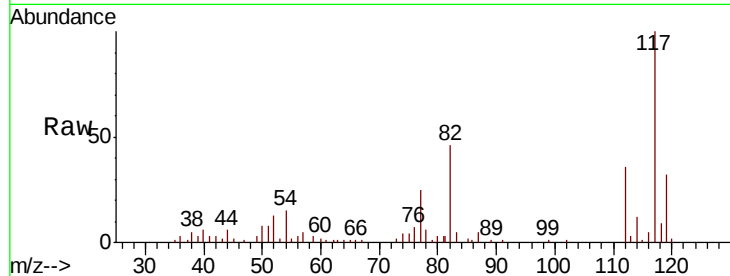
112 100

114 33.3 27.8 41.8

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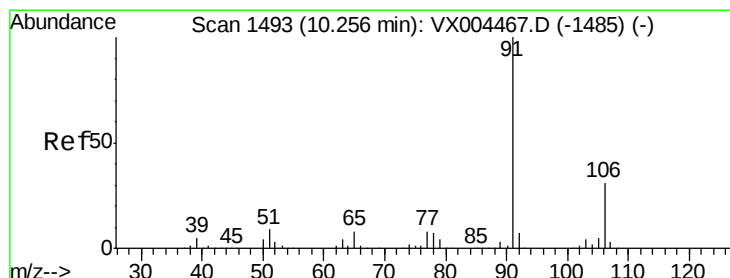
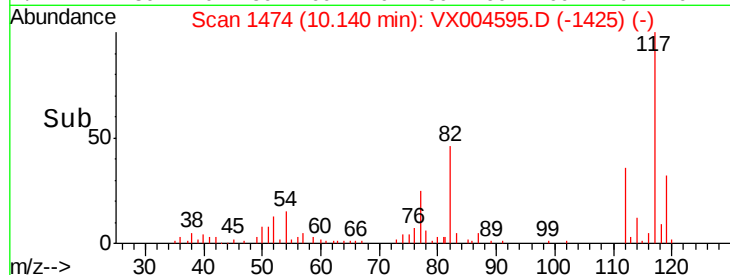
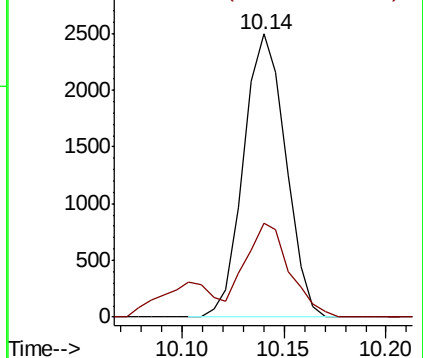
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 129.68 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004595.D

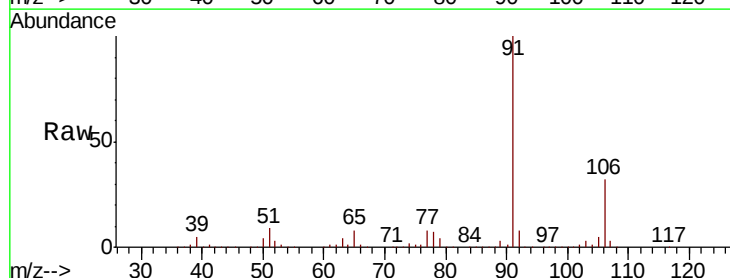
Acq: 15 Sep 2018 20:00

Tgt Ion: 91 Resp: 1769882

Ion Ratio Lower Upper

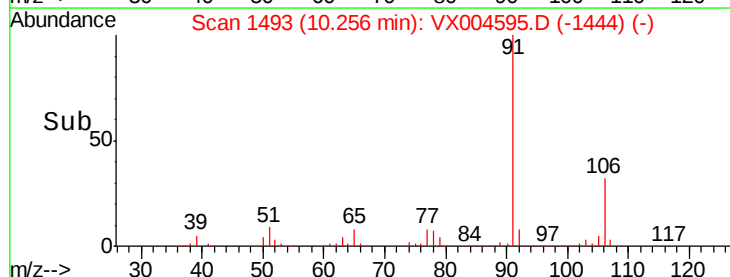
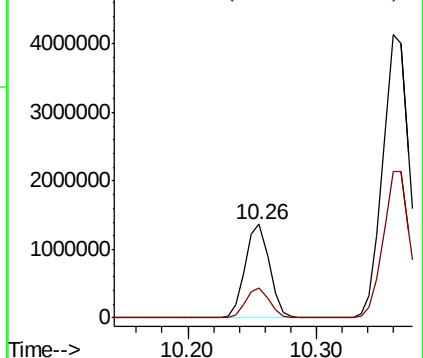
91 100

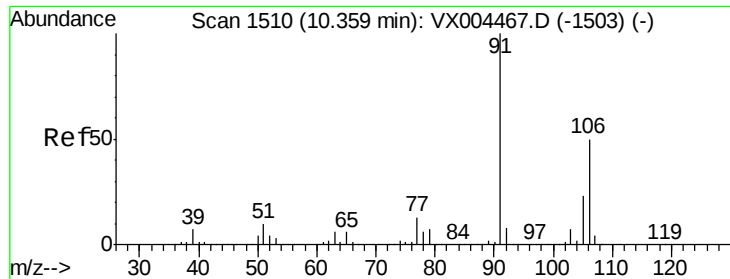
106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





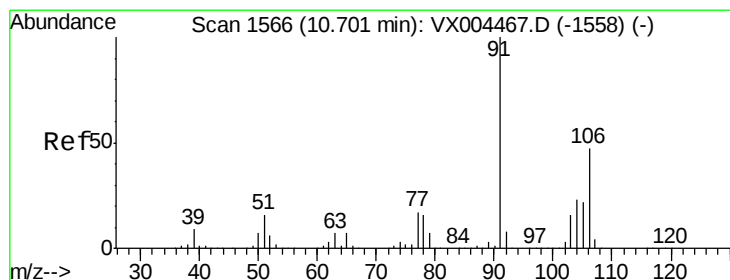
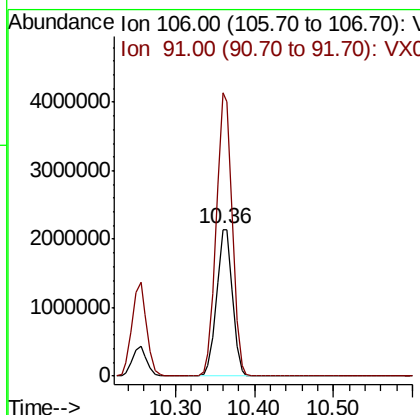
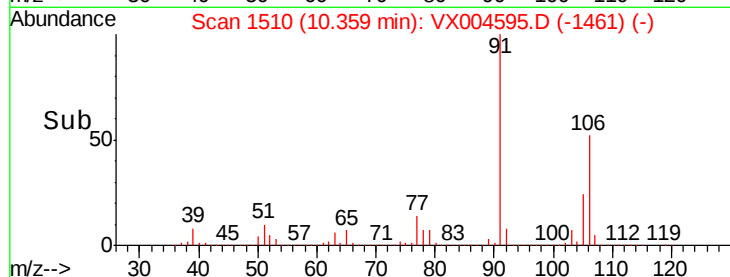
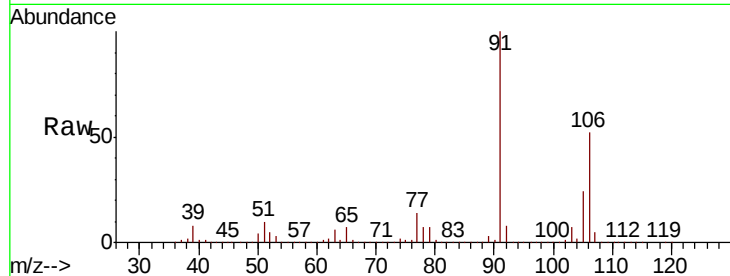
#68
m/p-Xvlenes
Concen: 573.52 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion:106 Resp: 3015048
Ion Ratio Lower Upper
106 100
91 193.7 157.1 235.7

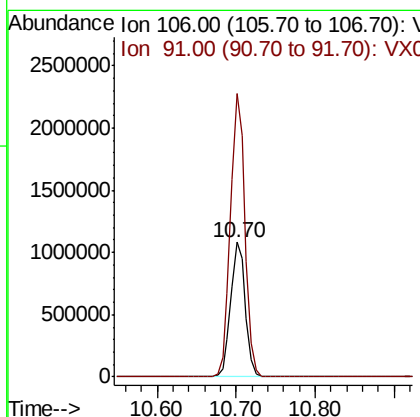
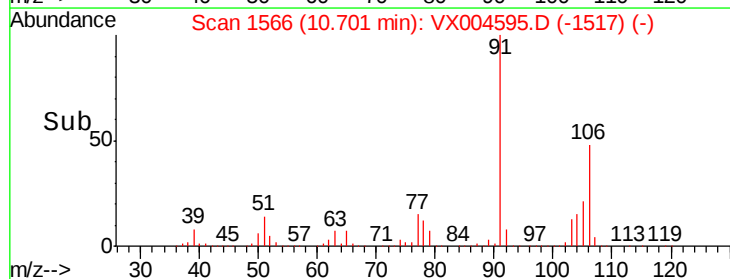
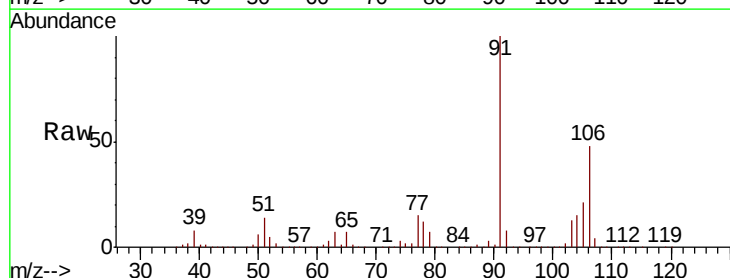
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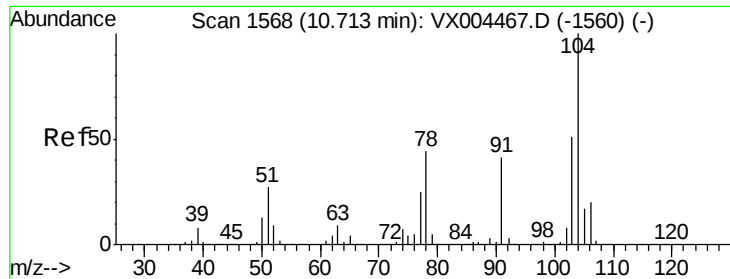
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#69
o-Xylene
Concen: 274.07 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion:106 Resp: 1385173
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.1





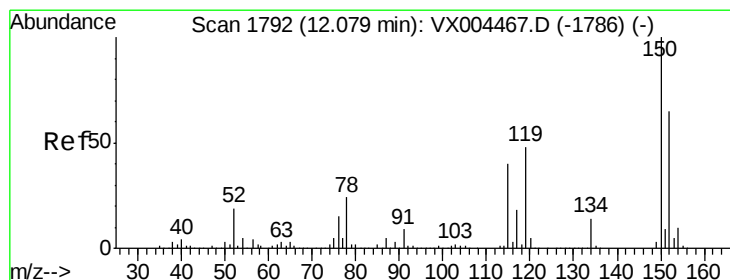
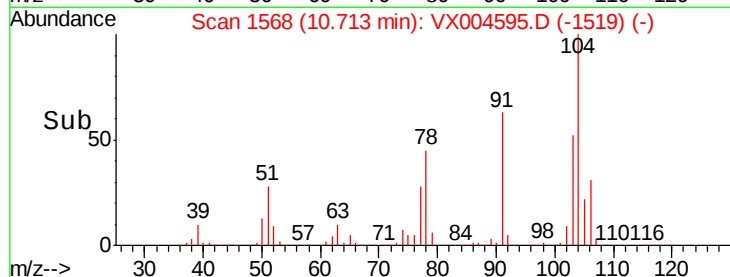
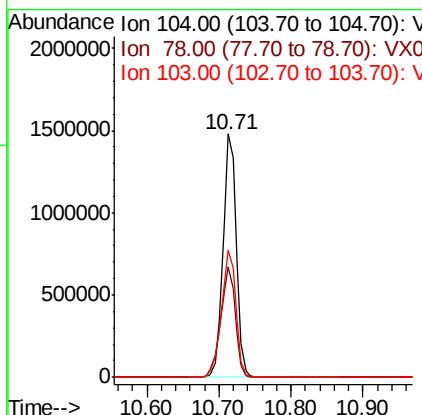
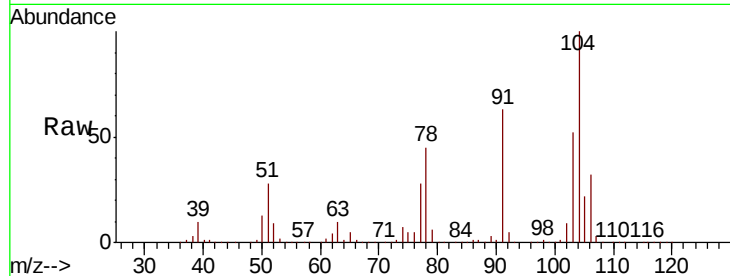
#70
Stvrene
Concen: 225.29 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion:104 Resp: 1886366
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 57.0 43.8 65.6

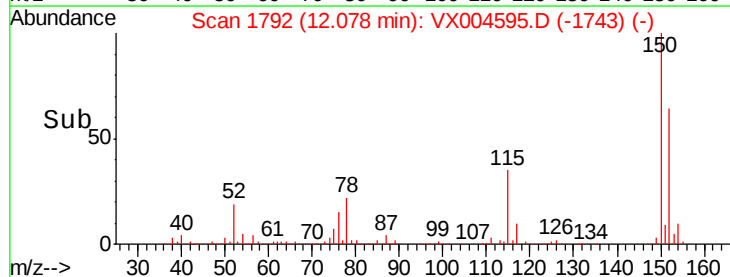
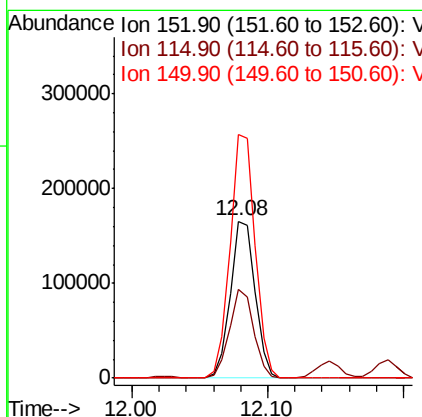
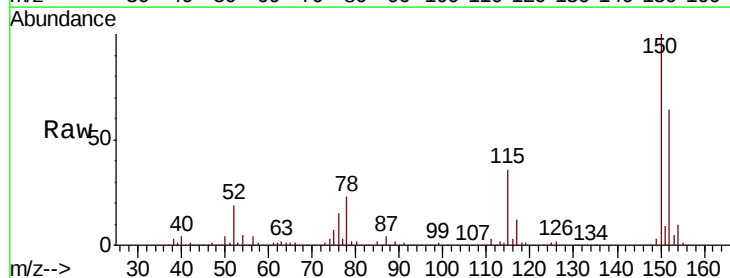
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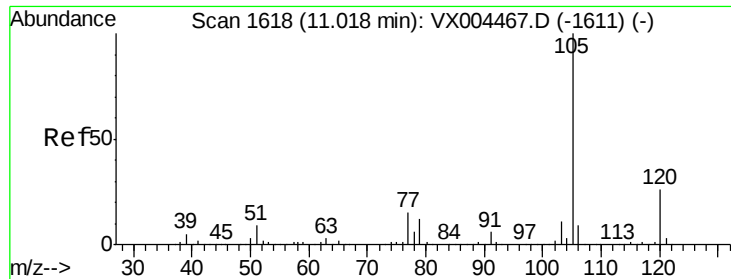
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion:152 Resp: 209858
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.3 0.0 351.0





#73

Isopropylbenzene

Concen: 1.50 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion:105 Resp: 20719

Ion Ratio Lower Upper

105 100

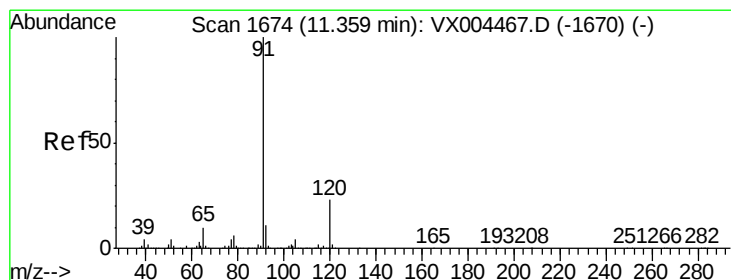
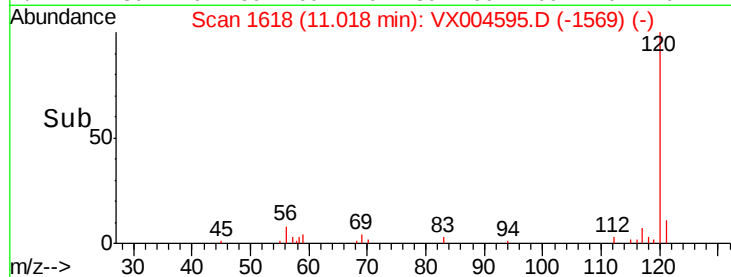
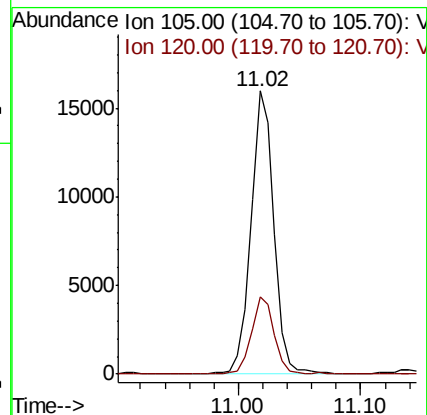
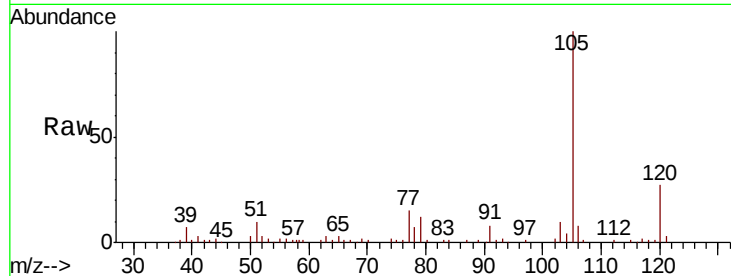
120 26.8 13.5 40.4

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#78

n-propylbenzene

Concen: 1.49 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004595.D

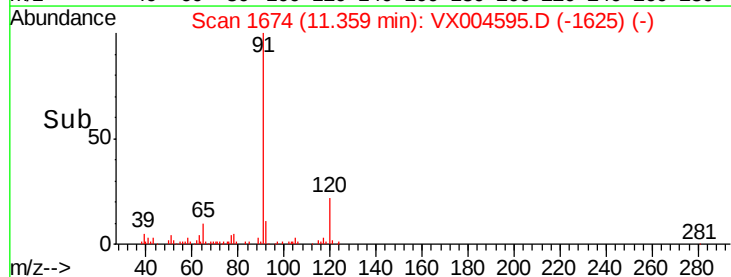
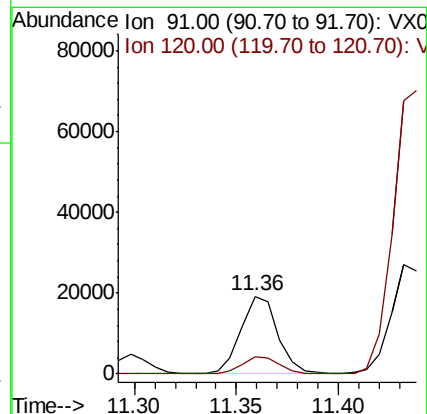
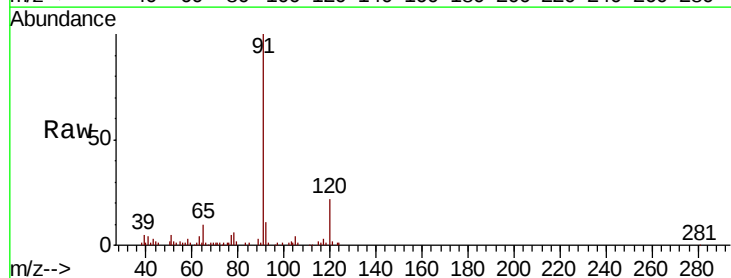
Acq: 15 Sep 2018 20:00

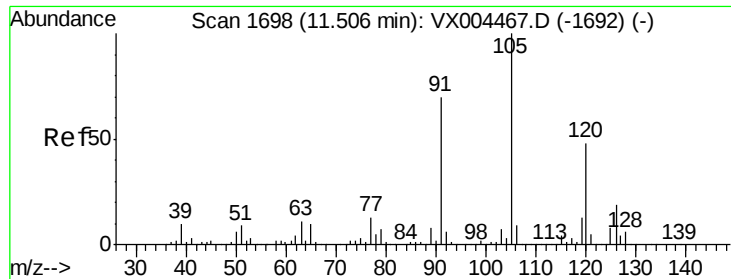
Tgt Ion: 91 Resp: 23739

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.9#





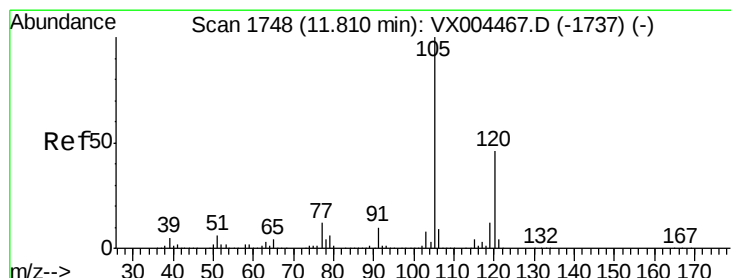
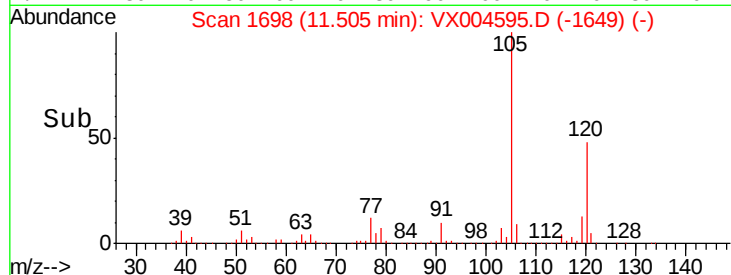
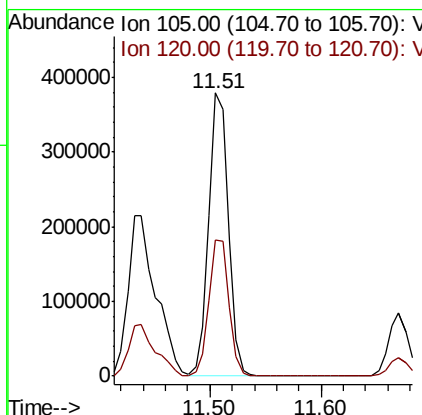
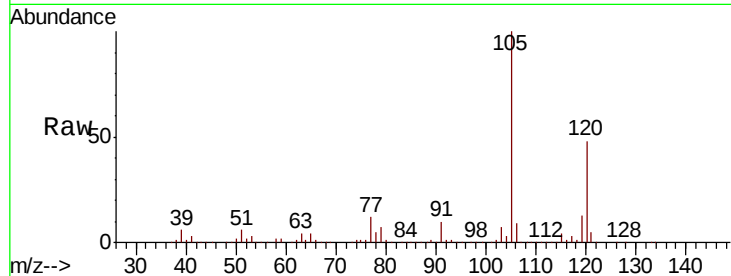
#80
 1,3,5-Trimethylbenzene
 Concen: 40.07 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Tot Ion:105 Resp: 465617
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8

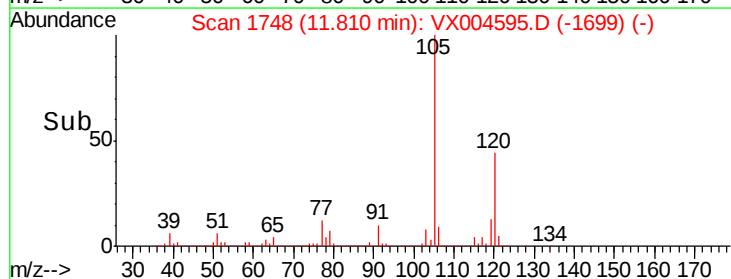
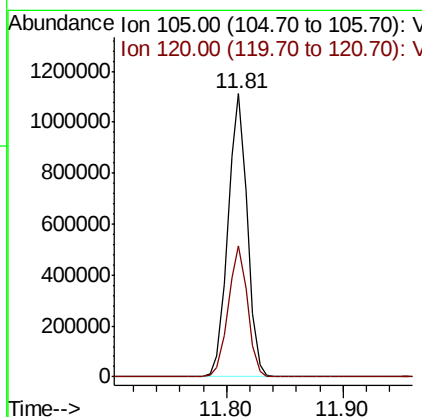
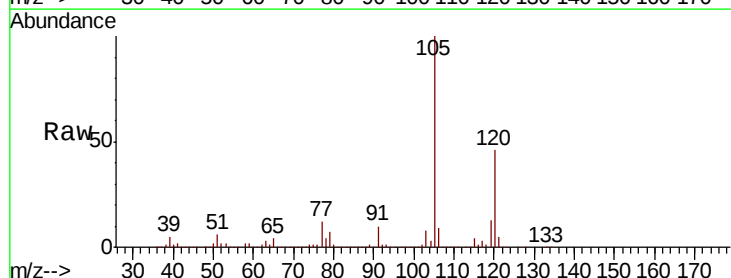
Manual Integrations
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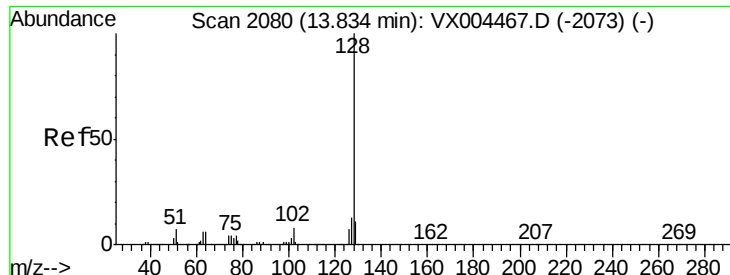
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#84
 1,2,4-Trimethylbenzene
 Concen: 107.24 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion:105 Resp: 1272166
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#95
Naphthalene
Concen: 1944.69 ug/l m
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion:128 Resp:27861458
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#

Manual Integrations
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