

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007946.D
 Acq On : 08 Mar 2019 22:15
 Operator : JC/SP
 Sample : K1800-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ERM-33

Manual Integrations
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MMDadoda
 3/11/2019 12:02:34 PM

Quant Time: Mar 09 05:41:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146610	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	5.51	113	134638	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	8.71	98	502681	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	183674	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.94	101	4741	1.251	ug/l	91
16) Acetone	2.45	43	4150	2.555	ug/l	91
31) Cyclohexane	5.58	56	6376	1.478	ug/l	96
39) Methylcyclohexane	7.46	83	8029	1.763	ug/l	97
40) Benzene	6.15	78	29335	2.622	ug/l	96
67) Ethyl Benzene	10.25	91	6021	0.449	ug/l	96
73) Isopropylbenzene	11.02	105	23778	1.841	ug/l	99
78) n-propylbenzene	11.36	91	27031	1.887	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9356	0.859	ug/l	98
85) sec-Butylbenzene	11.94	105	18287	1.450	ug/l	92
89) n-Butylbenzene	12.38	91	7163m	0.749	ug/l	
95) Naphthalene	13.83	128	17891	1.421	ug/l #	84

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

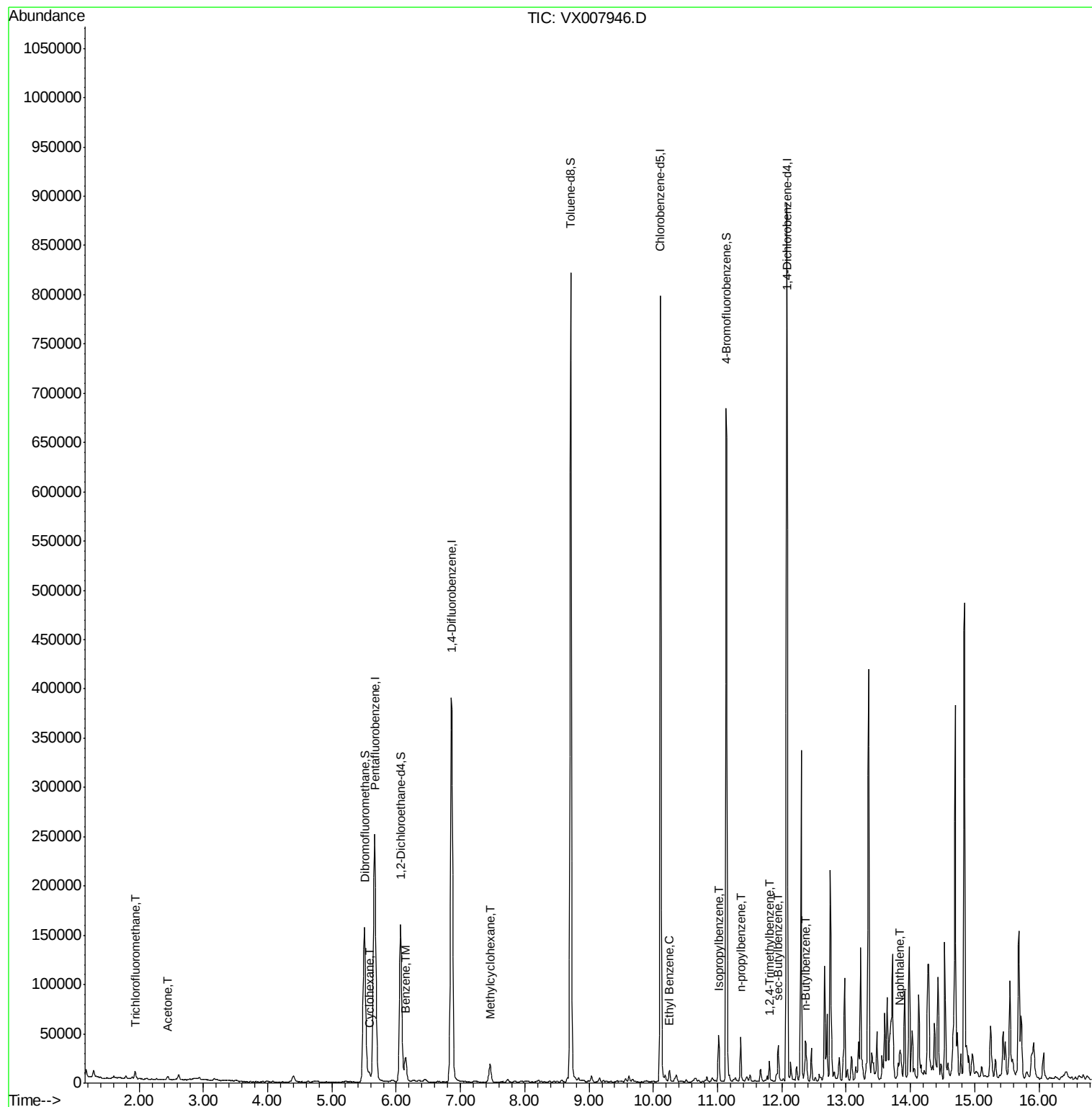
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030819\
Data File : VX007946.D
Acq On : 08 Mar 2019 22:15
Operator : JC/SP
Sample : K1800-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

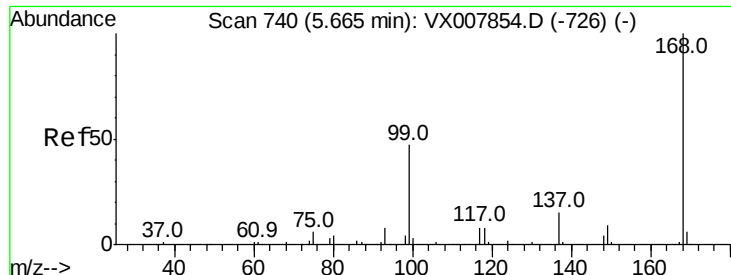
Instrument :
MSVOA_X
ClientSampleId :
ERM-33

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Quant Time: Mar 09 05:41:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007946.D

Acq: 08 Mar 2019 22:15

Instrument :

MSVOA_X

ClientSampled :

ERM-33

Tot Ion:168 Resp: 266067

Ion Ratio Lower Upper

168 100

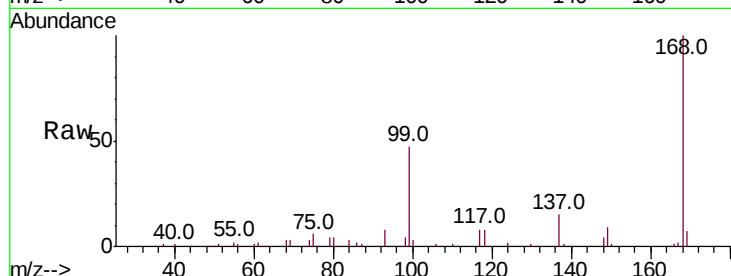
99 47.3 37.6 56.4

Manual Integrations

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3/11/2019 12:02:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

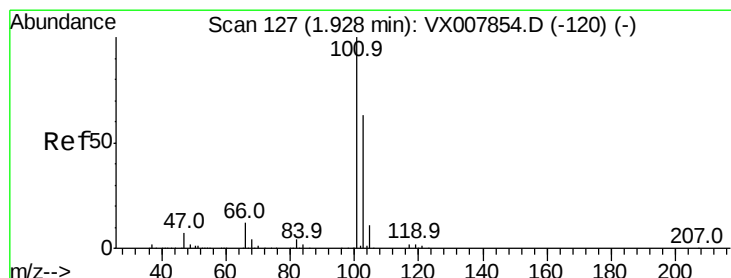
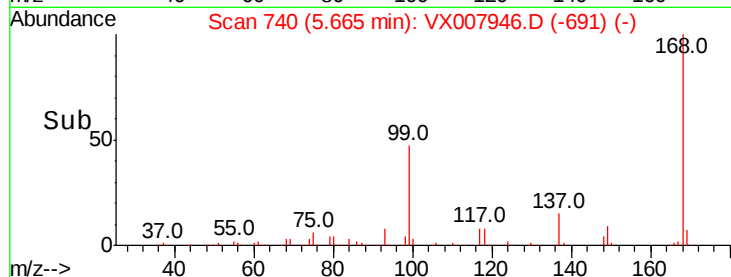
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 1.251 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007946.D

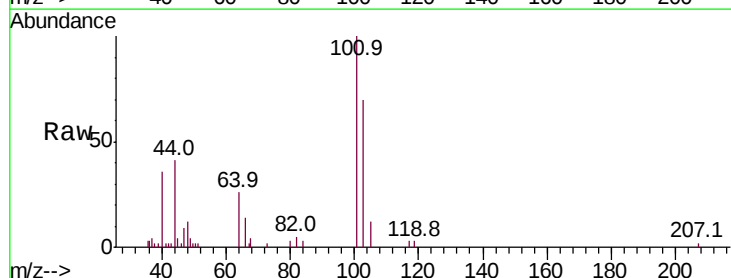
Acq: 08 Mar 2019 22:15

Tgt Ion:101 Resp: 4741

Ion Ratio Lower Upper

101 100

103 70.2 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.94

3000

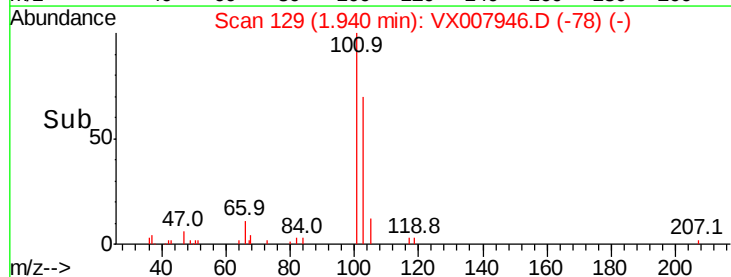
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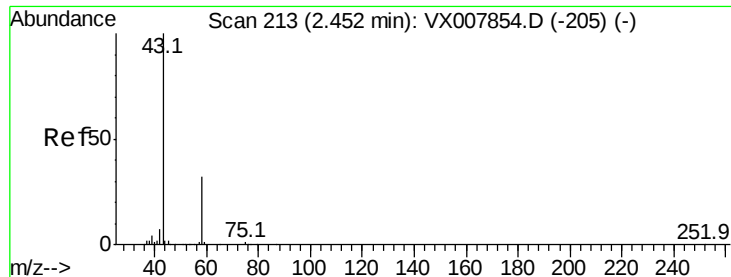
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Time-->

1.90 1.95 2.00





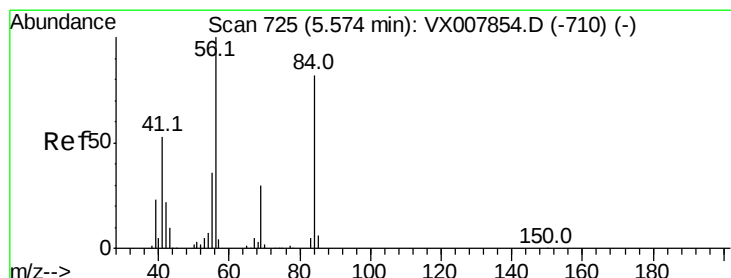
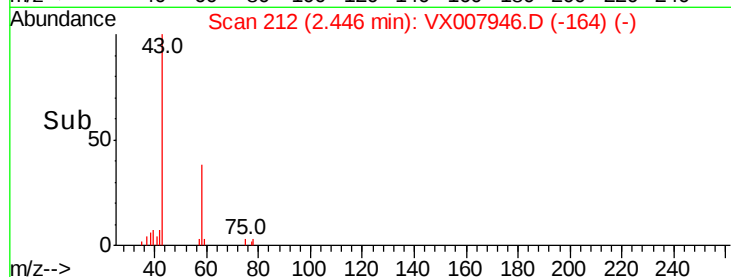
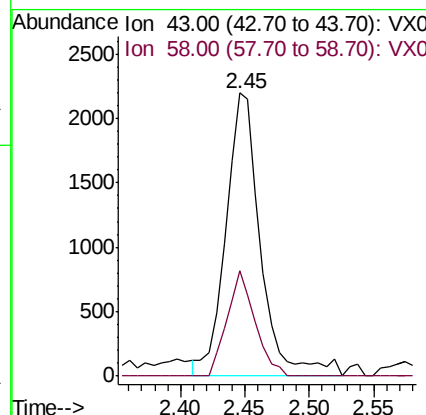
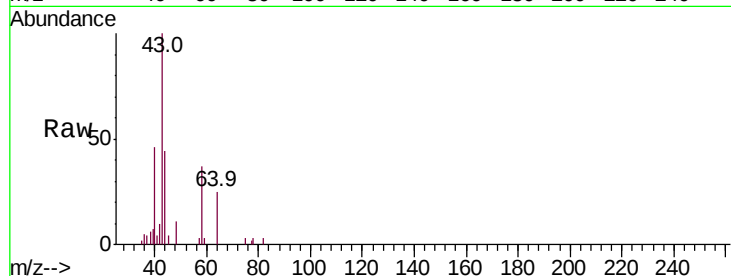
#16
Acetone
Concen: 2.555 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampleId :
ERM-33

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.5	38.3

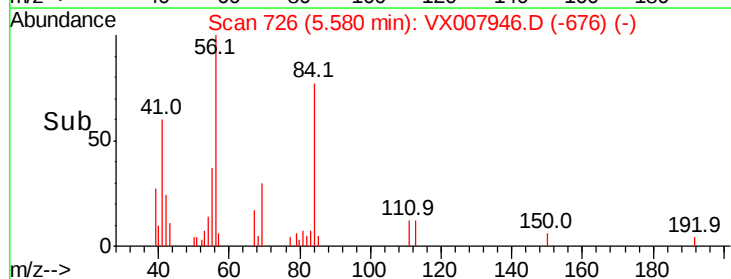
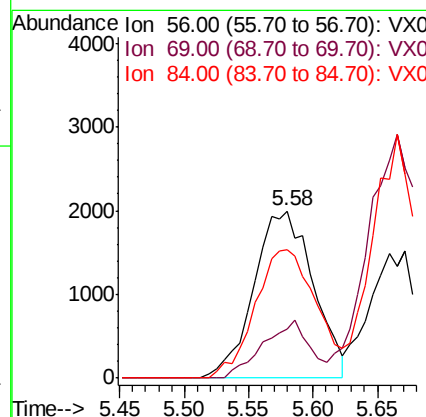
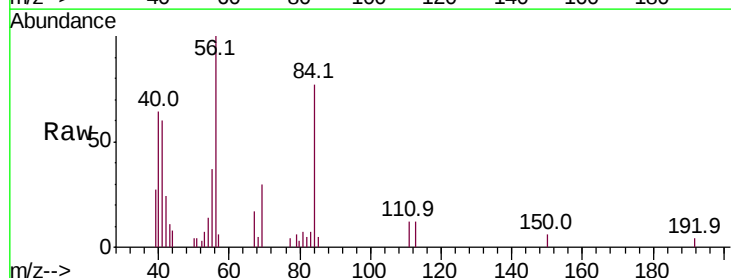
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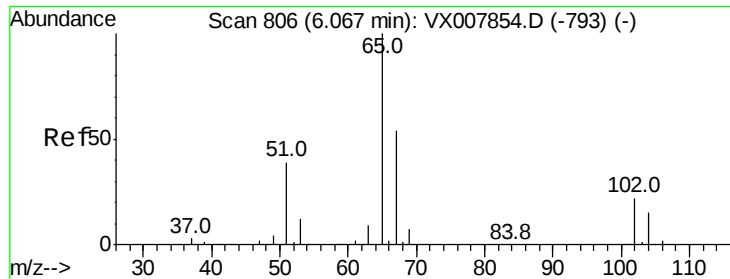
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#31
Cyclohexane
Concen: 1.478 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.0	36.0
84	77.1	65.3	97.9





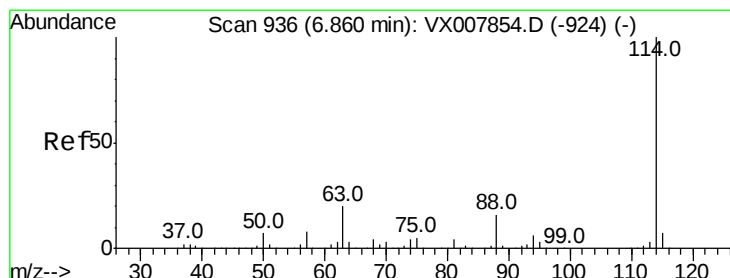
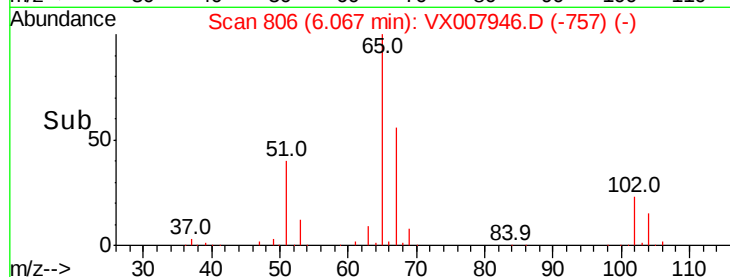
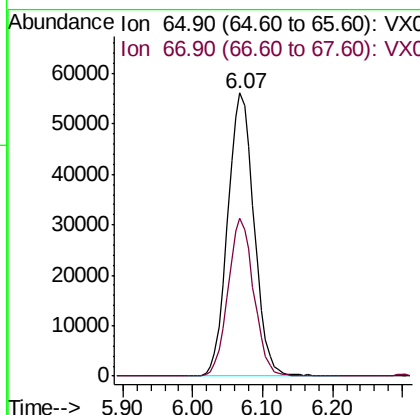
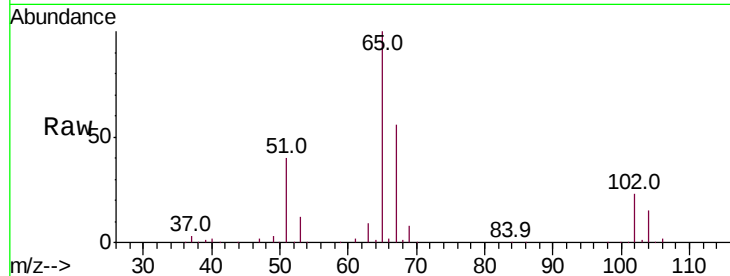
#33
 1,2-Dichloroethane-d4
 Concen: 52.235 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007946.D
 Acq: 08 Mar 2019 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ERM-33

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146610		
67	54.4	0.0	110.0	

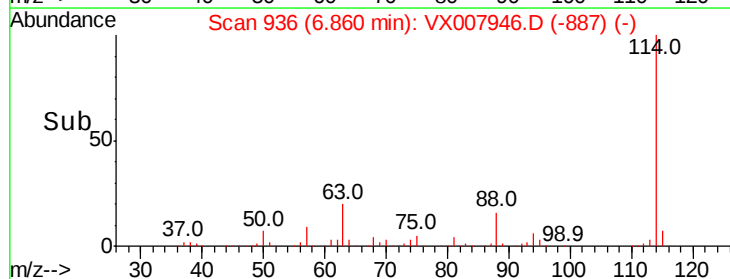
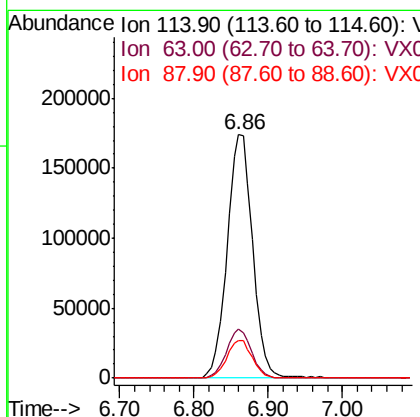
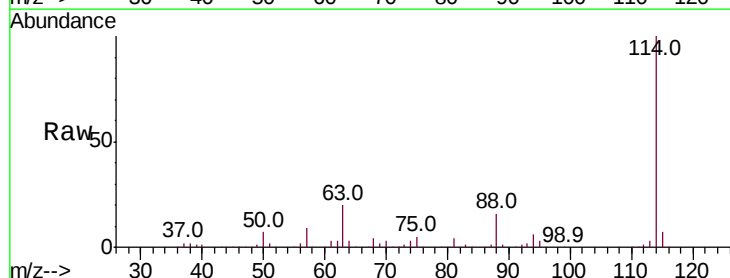
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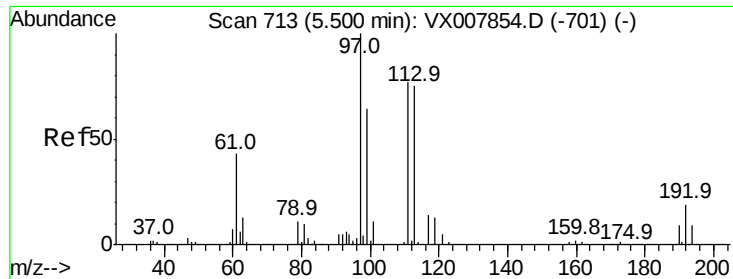
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007946.D
 Acq: 08 Mar 2019 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	415111		
63	19.9	0.0	39.8	
88	15.5	0.0	31.4	





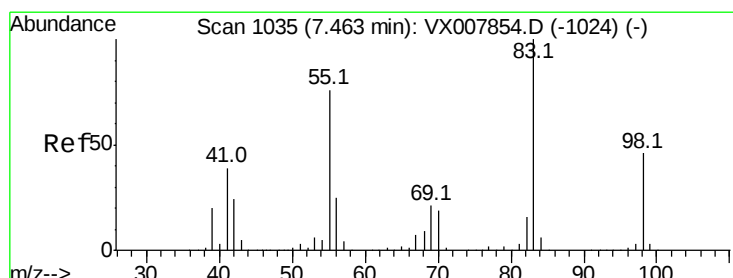
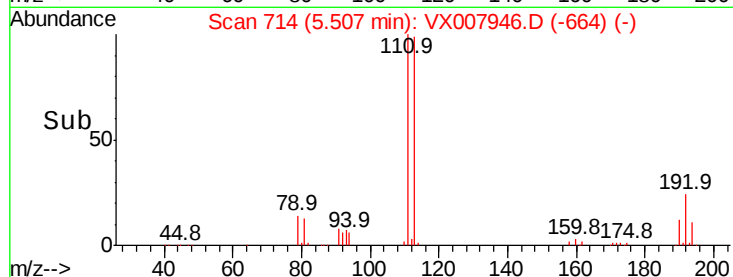
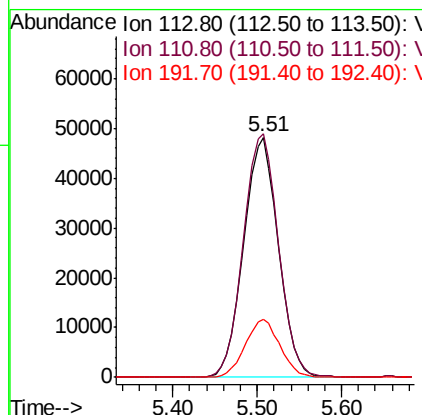
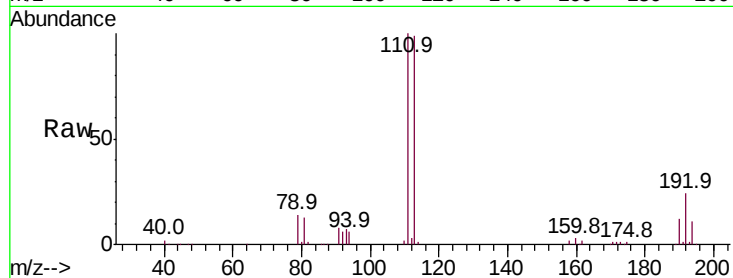
#35
Dibromofluoromethane
Concen: 50.705 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampleId :
ERM-33

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.1	19.4	29.0

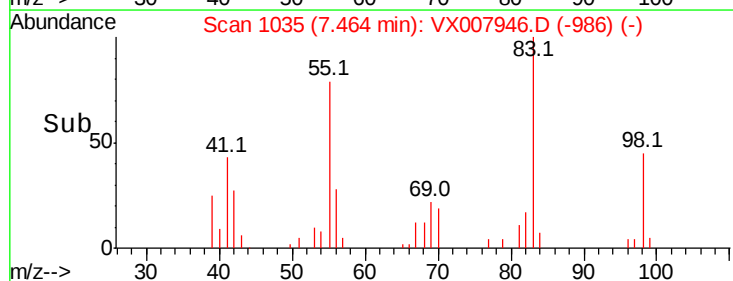
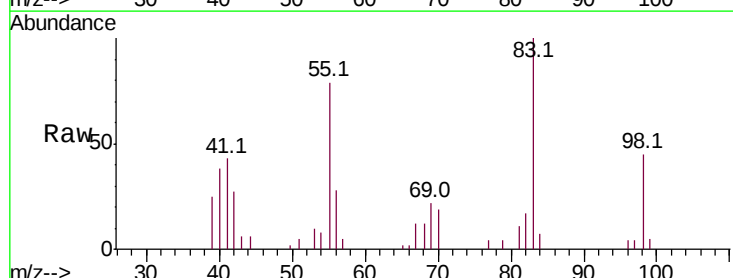
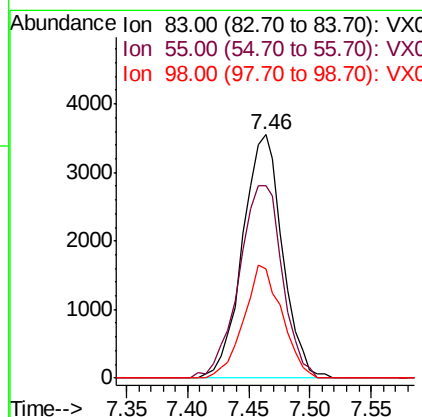
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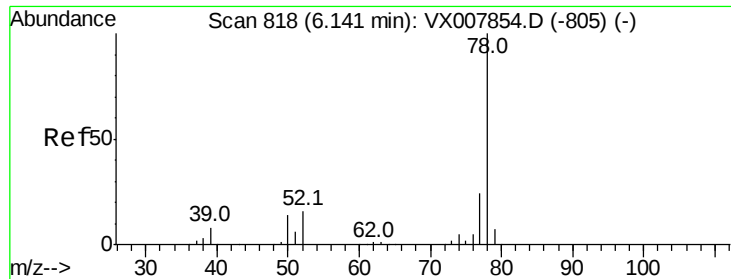
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#39
Methylcyclohexane
Concen: 1.763 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.0	60.4	90.6
98	44.6	36.5	54.7





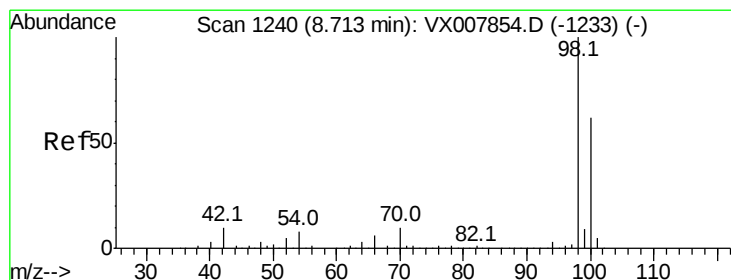
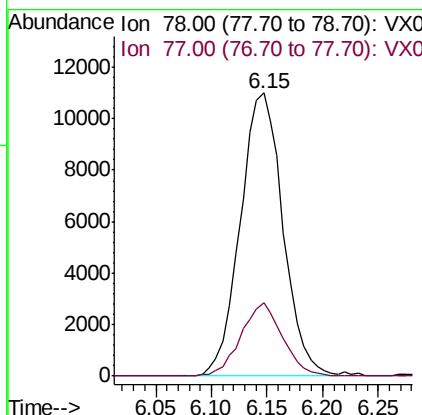
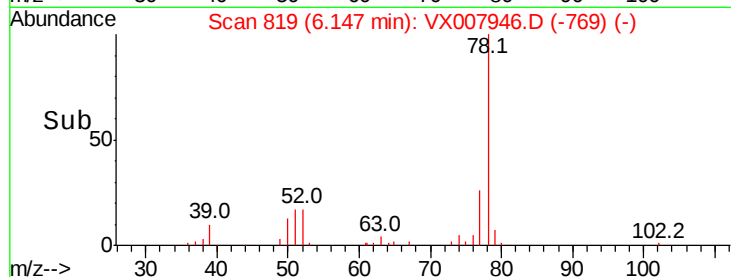
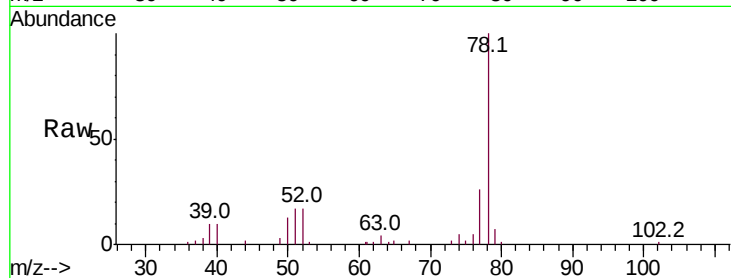
#40
Benzene
Concen: 2.622 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampleId :
ERM-33

Tot Ion: 78 Resp: 29335
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.4

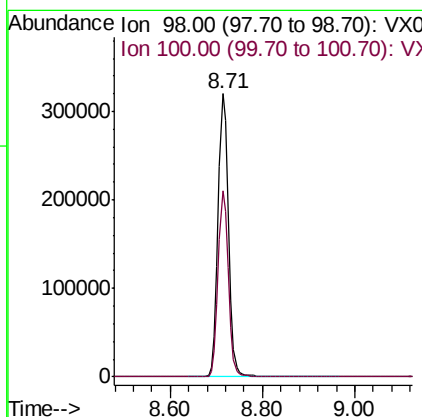
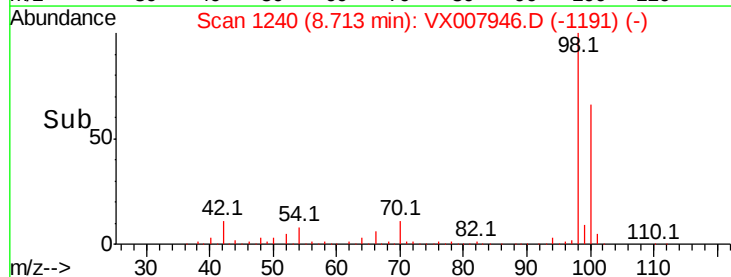
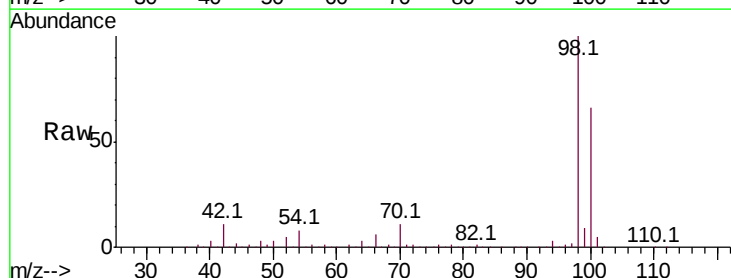
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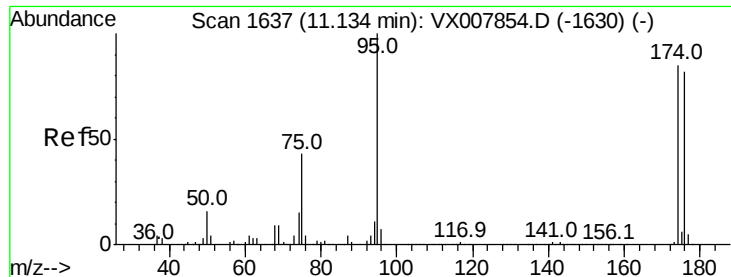
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#50
Toluene-d8
Concen: 51.547 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion: 98 Resp: 502681
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 53.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007946.D

Acq: 08 Mar 2019 22:15

Instrument :

MSVOA_X

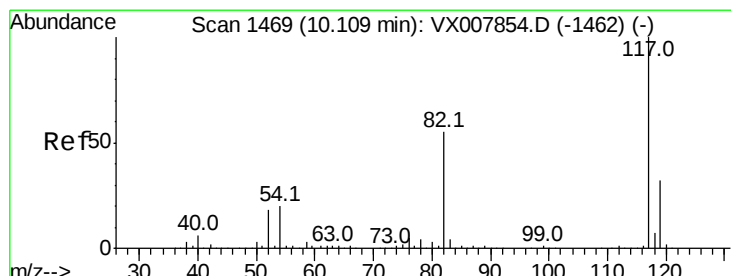
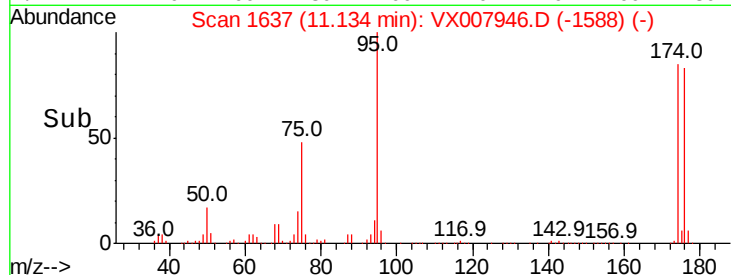
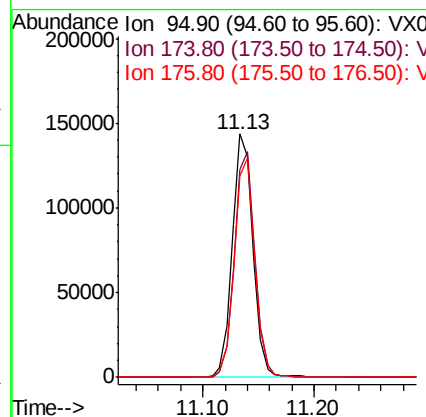
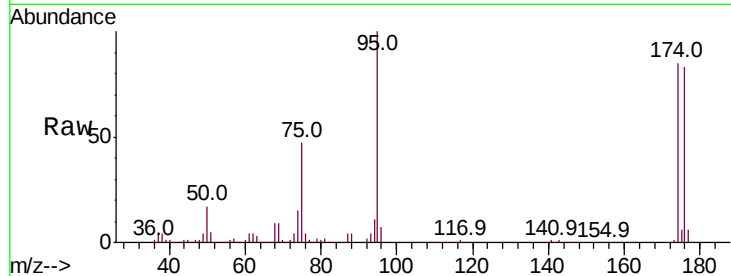
ClientSampleId :

ERM-33

Tot Ion:	95	Resp:	183674
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	182.8
176	89.4	0.0	178.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

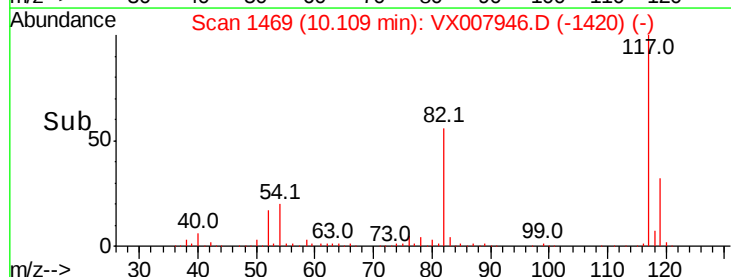
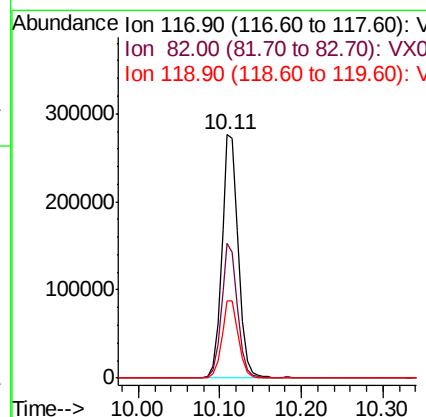
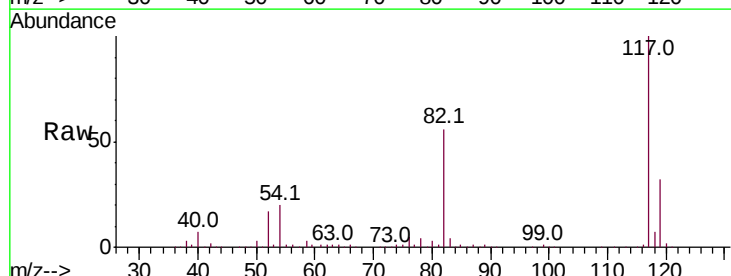
RT: 10.11 min Scan# 1469

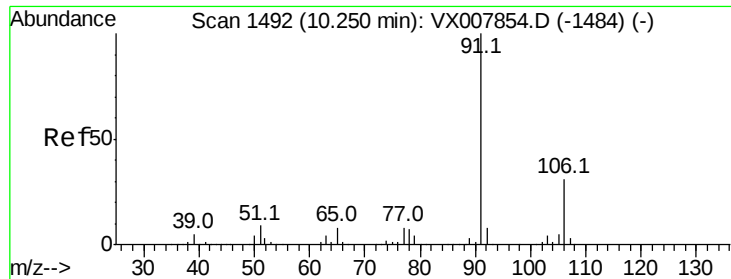
Delta R.T. 0.00 min

Lab File: VX007946.D

Acq: 08 Mar 2019 22:15

Tgt Ion:	117	Resp:	389578
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.3	66.5
119	31.7	25.3	37.9





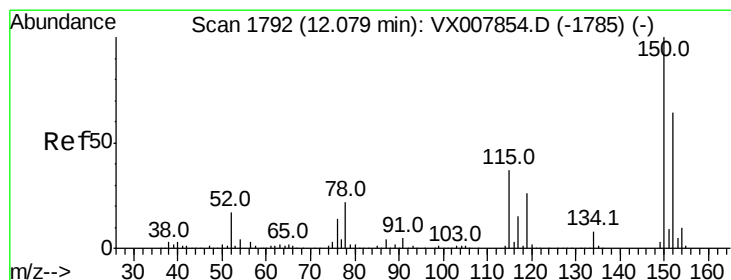
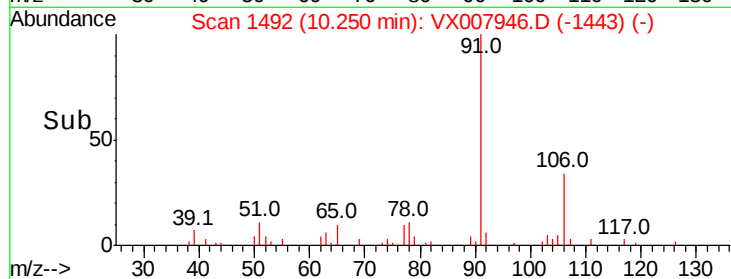
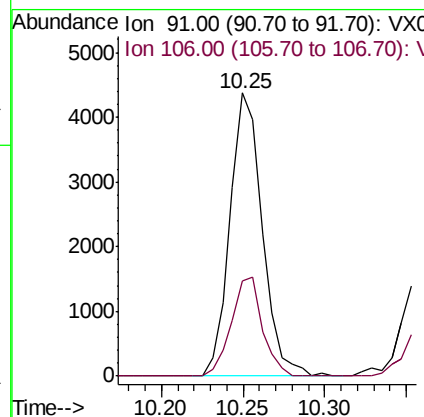
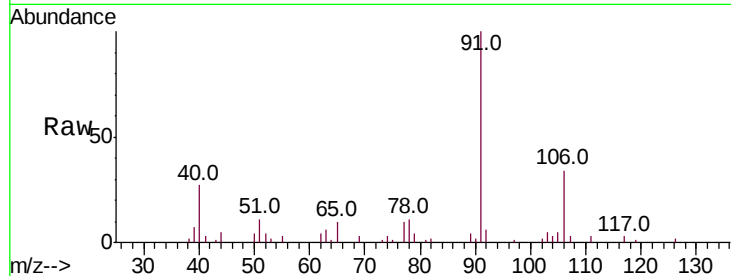
#67
Ethyl Benzene
Concen: 0.449 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampled :
ERM-33

Tot Ion: 91 Resp: 6021
Ion Ratio Lower Upper
91 100
106 33.8 25.2 37.8

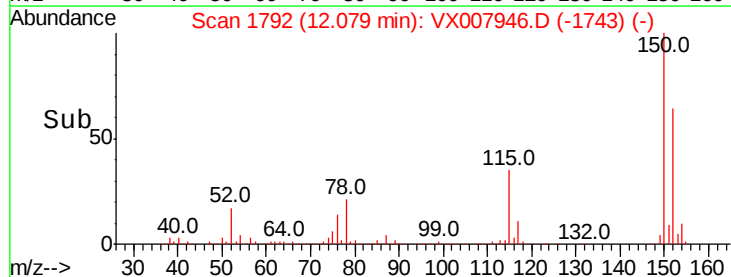
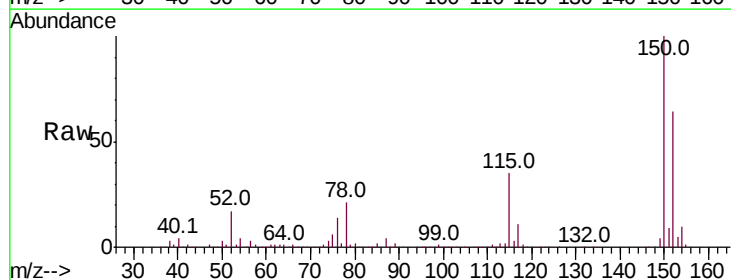
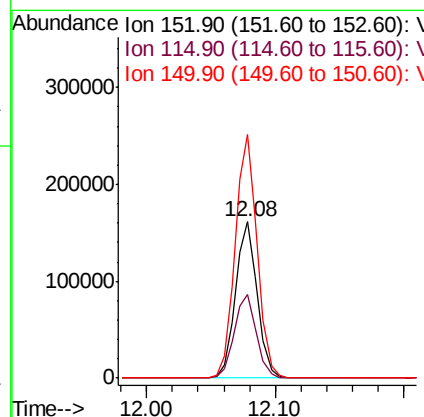
Manual Integrations
APPROVED

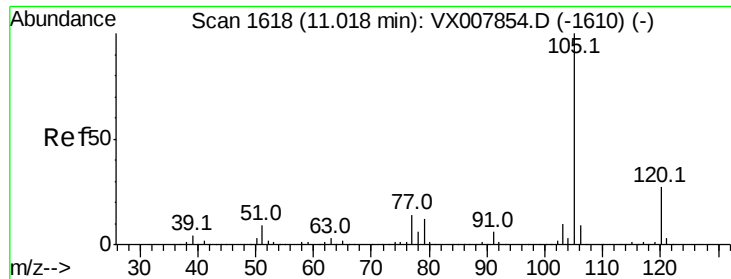
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3/11/2019 12:02:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion: 152 Resp: 190925
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 156.9 0.0 348.4





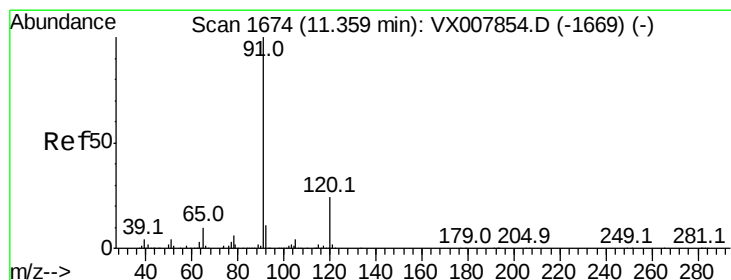
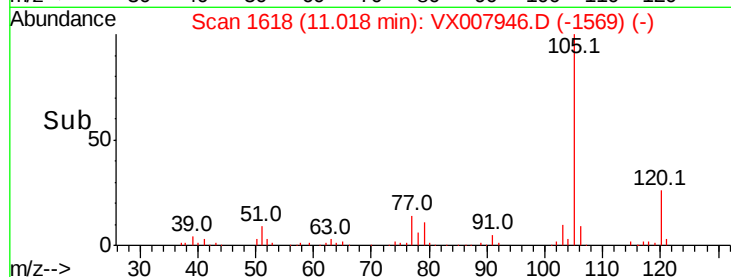
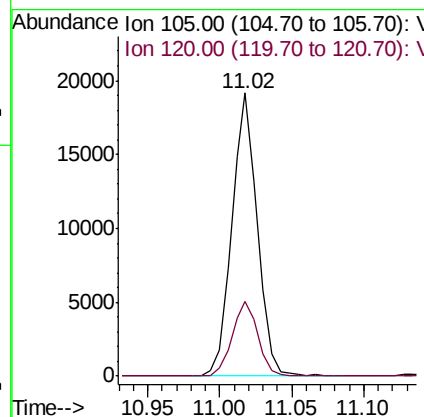
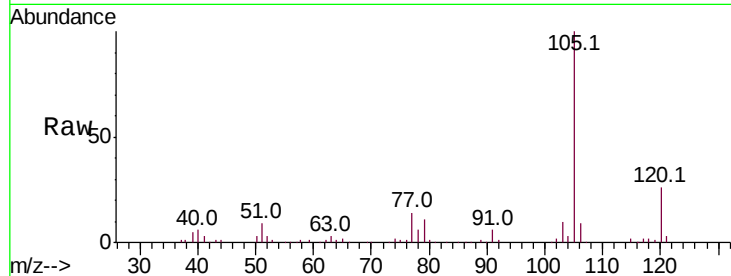
#73
Isopropylbenzene
Concen: 1.841 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampleId :
ERM-33

Tot Ion: 105 Resp: 23778
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

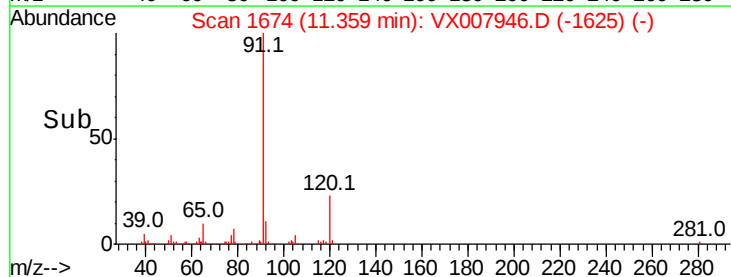
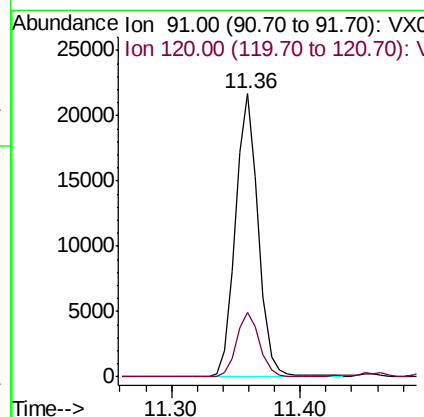
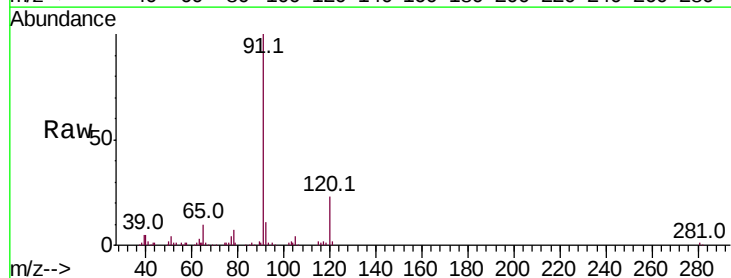
Manual Integrations
APPROVED

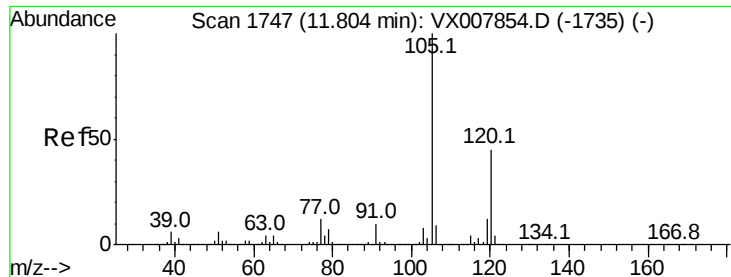
MMDadoda
3/11/2019 12:02:34 PM



#78
n-propylbenzene
Concen: 1.887 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion: 91 Resp: 27031
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 0.859 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007946.D

Acq: 08 Mar 2019 22:15

Instrument :

MSVOA_X

ClientSampleId :

ERM-33

Tot Ion:105 Resp: 9356

Ion Ratio Lower Upper

105 100

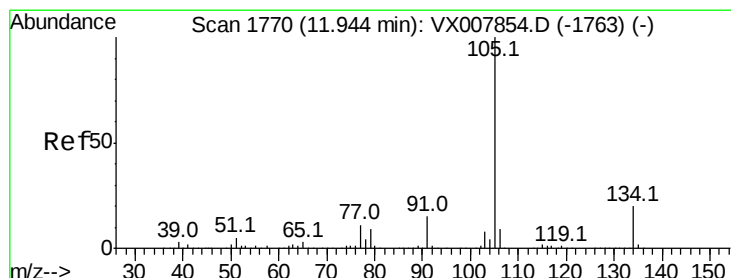
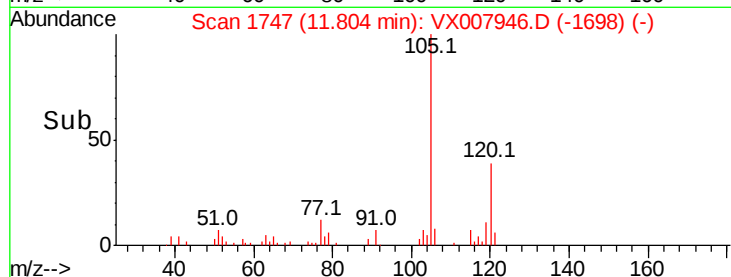
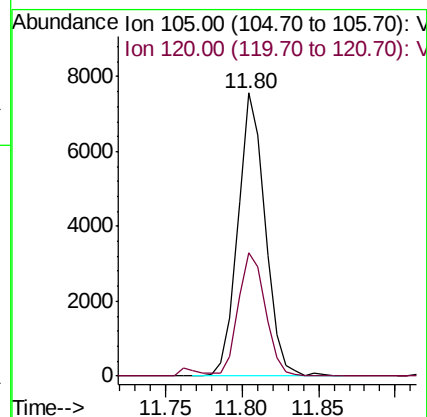
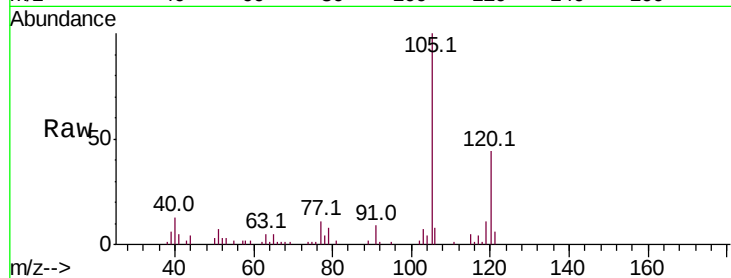
120 43.5 22.6 67.7

Manual Integrations

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3/11/2019 12:02:34 PM



#85

sec-Butylbenzene

Concen: 1.450 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007946.D

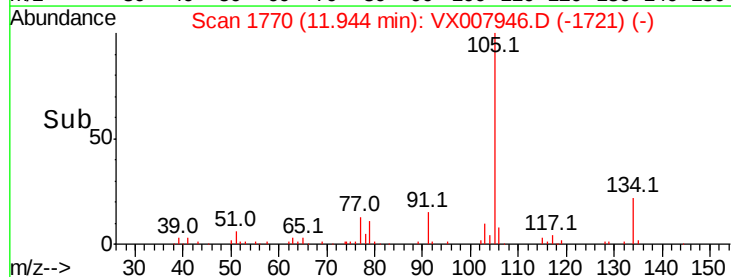
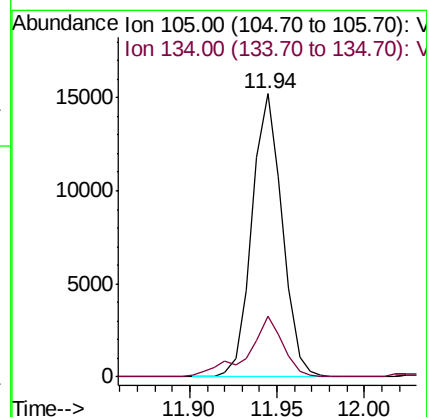
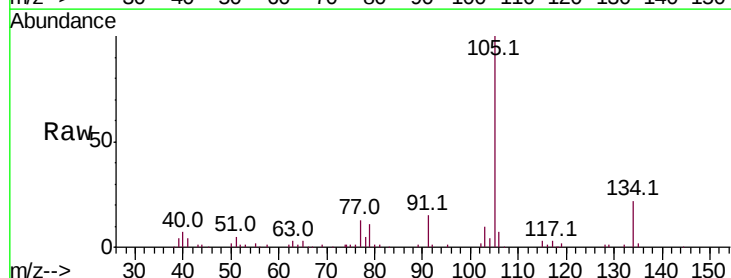
Acq: 08 Mar 2019 22:15

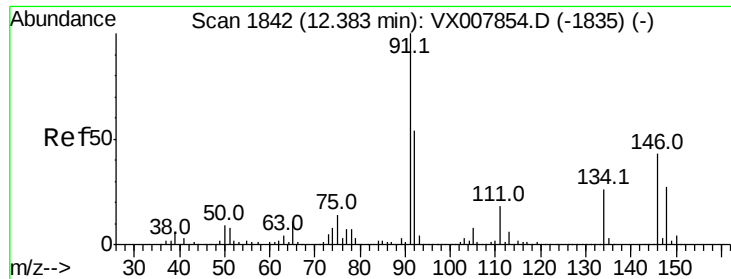
Tgt Ion:105 Resp: 18287

Ion Ratio Lower Upper

105 100

134 24.6 10.4 31.2





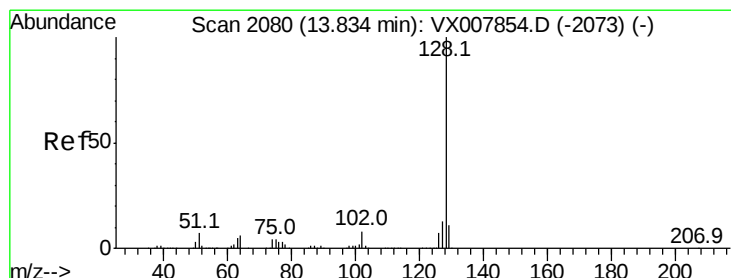
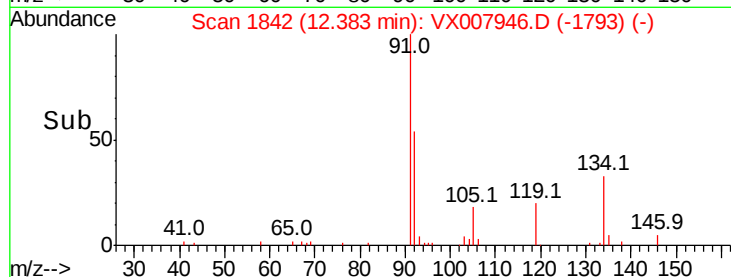
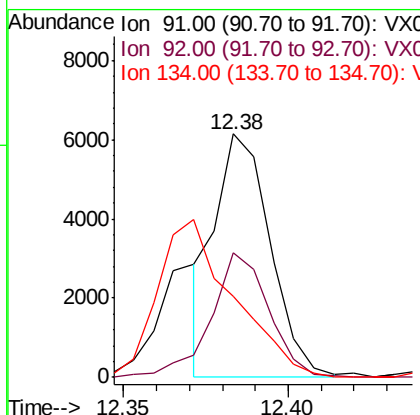
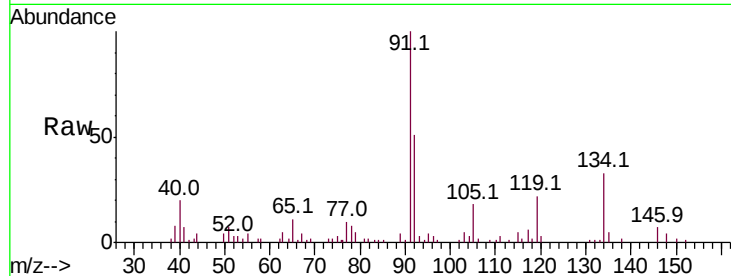
#89
n-Butylbenzene
Concen: 0.749 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Instrument :
MSVOA_X
ClientSampled :
ERM-33

Tot Ion: 91 Resp: 7163
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 88.7 13.7 41.0#

Manual Integrations
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3/11/2019 12:02:34 PM



#95
Naphthalene
Concen: 1.421 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007946.D
Acq: 08 Mar 2019 22:15

Tgt Ion: 128 Resp: 17891
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 21.6 8.7 13.1#

