

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061920\
 Data File : VX016904.D
 Acq On : 20 Jun 2020 03:37
 Operator : JC/SP
 Sample : L3063-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-2

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:44 PM

Quant Time: Jun 22 07:04:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	328211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	525457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	184121	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	5.46	113	160885	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.70	98	561842	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
62) 4-Bromofluorobenzene	11.12	95	243565	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.17	74	2268	0.906	ug/l	98
16) Acetone	2.42	43	13433	9.374	ug/l	98
17) Carbon Disulfide	2.56	76	7108	0.784	ug/l	97
20) Methylene Chloride	2.83	84	4067	1.184	ug/l	98
39) Methylcyclohexane	7.43	83	2326	0.412	ug/l #	90
40) Benzene	6.12	78	3998	0.275	ug/l #	90
52) Toluene	8.76	92	4186	0.433	ug/l	95
67) Ethyl Benzene	10.24	91	6630	0.414	ug/l	100
68) m/p-Xylenes	10.34	106	5057	0.811	ug/l	98
73) Isopropylbenzene	11.00	105	5210	0.322	ug/l	97
78) n-propylbenzene	11.34	91	10339	0.572	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	9842	0.704	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	24092	1.673	ug/l	99
85) sec-Butylbenzene	11.93	105	4940	0.308	ug/l	91
89) n-Butylbenzene	12.37	91	15790m	1.251	ug/l	
95) Naphthalene	13.82	128	6596	0.429	ug/l #	91

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

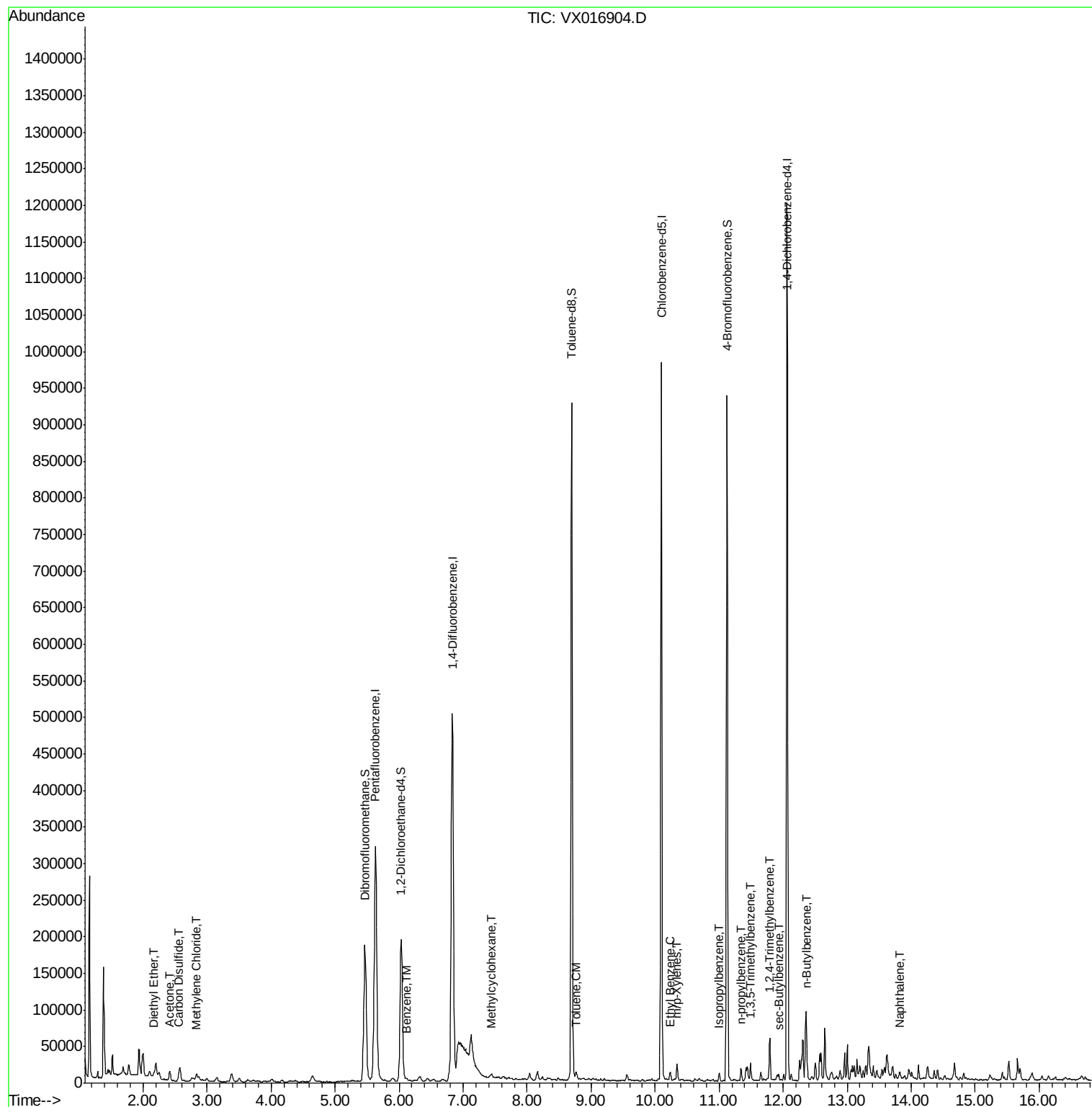
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016904.D
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ALS Vial : 37 Sample Multiplier: 1

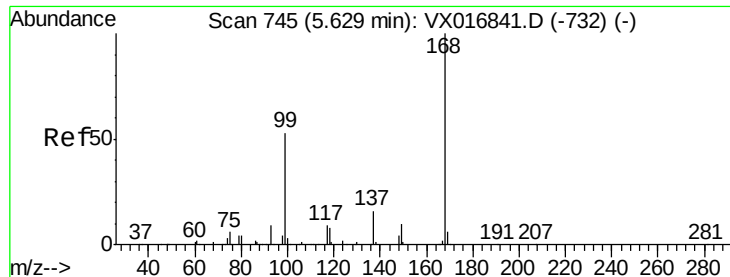
Instrument :
MSVOA_X
ClientSampled :
TW-2

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Quant Time: Jun 22 07:04:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

TW-2

Tot Ion:168 Resp: 328211

Ion Ratio Lower Upper

168 100

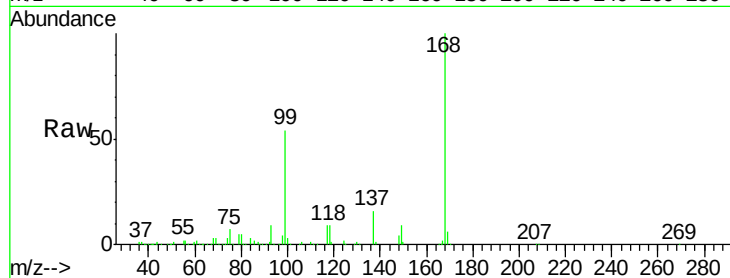
99 53.9 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

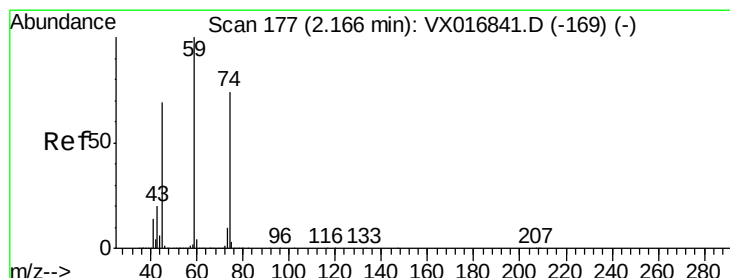
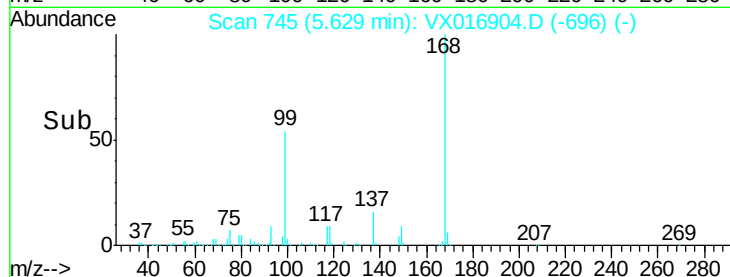
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#8

Diethyl Ether

Concen: 0.906 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016904.D

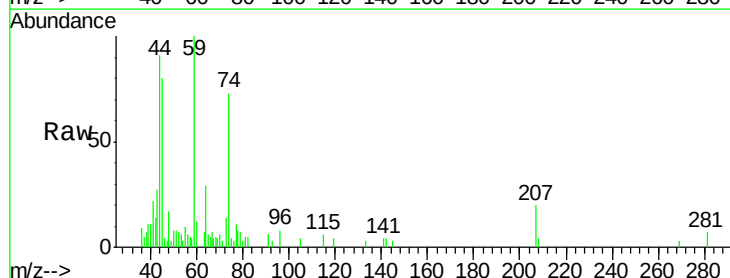
Acq: 20 Jun 2020 03:37

Tgt Ion: 74 Resp: 2268

Ion Ratio Lower Upper

74 100

45 89.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

1500

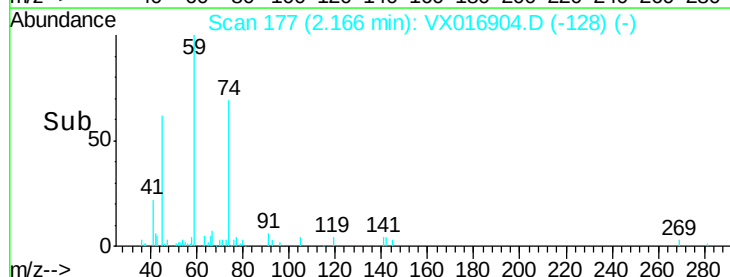
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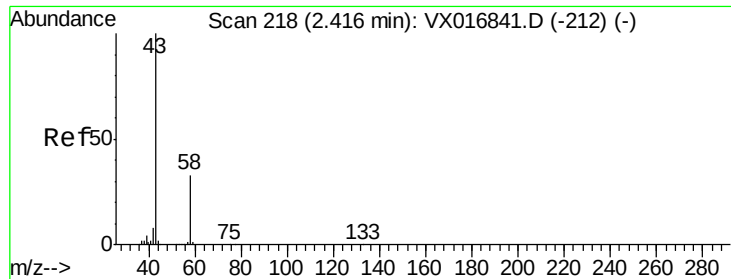
500

0

2.10 2.15 2.20

Time-->





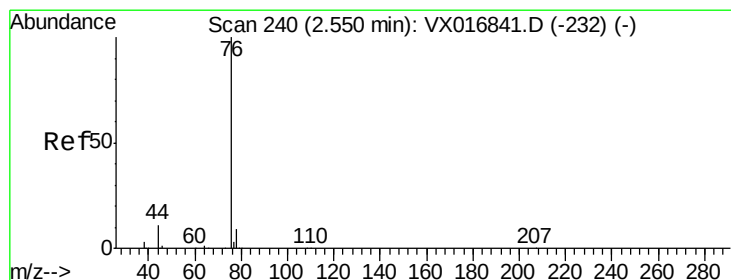
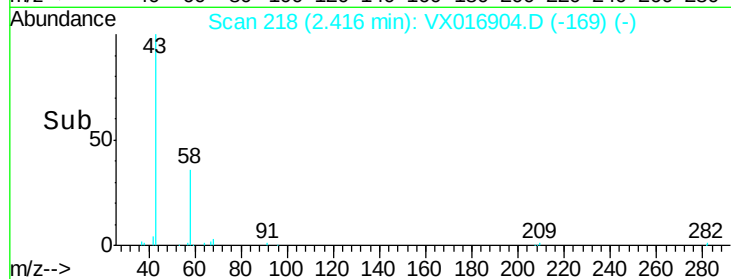
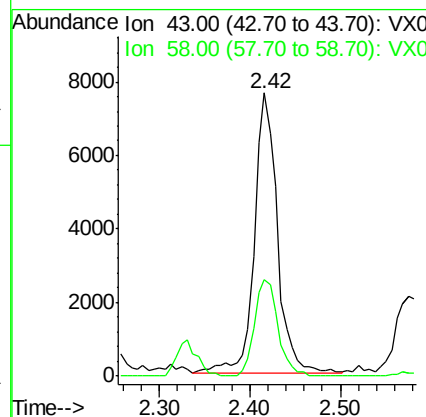
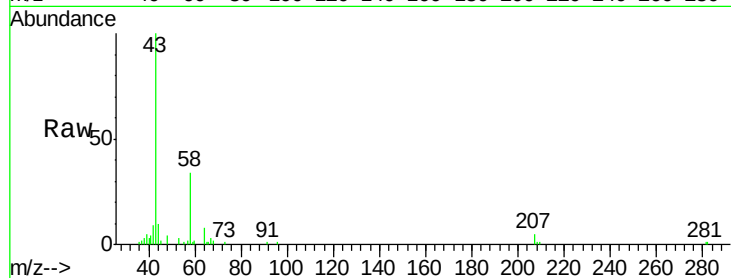
#16
Acetone
Concen: 9.374 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Instrument :
MSVOA_X
ClientSampled :
TW-2

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.6	39.8

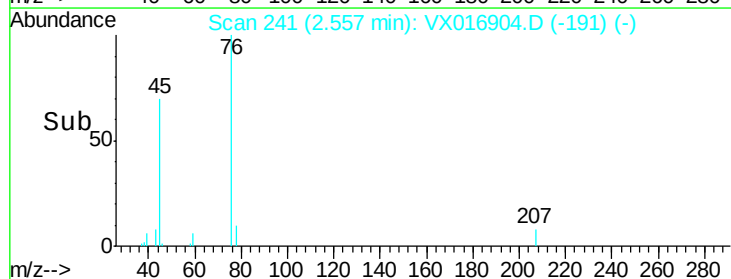
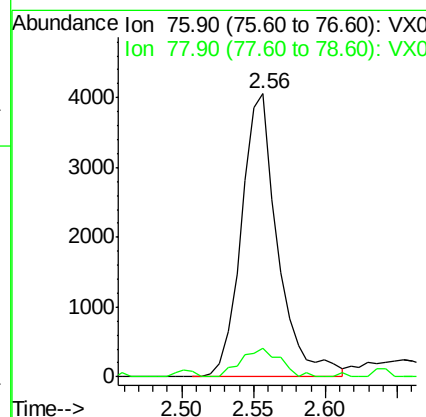
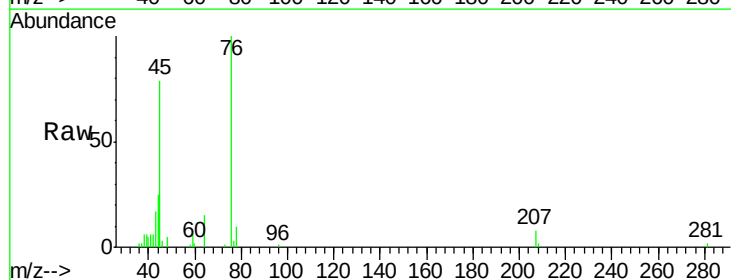
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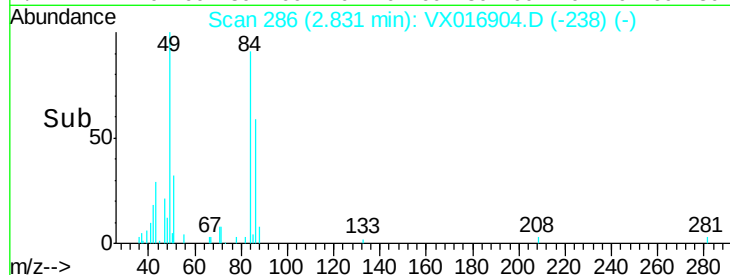
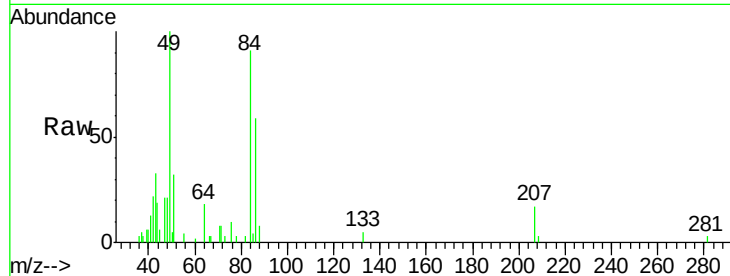
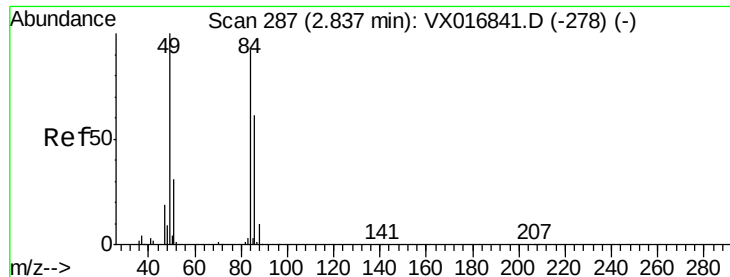
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#17
Carbon Disulfide
Concen: 0.784 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

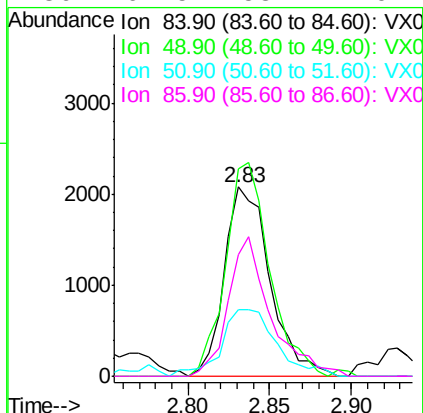
Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3





#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

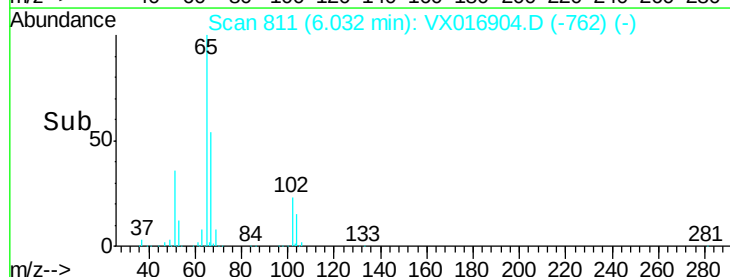
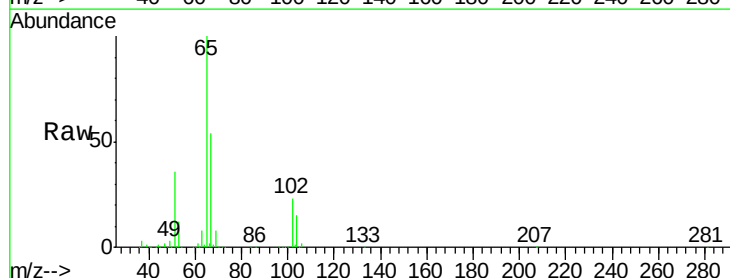
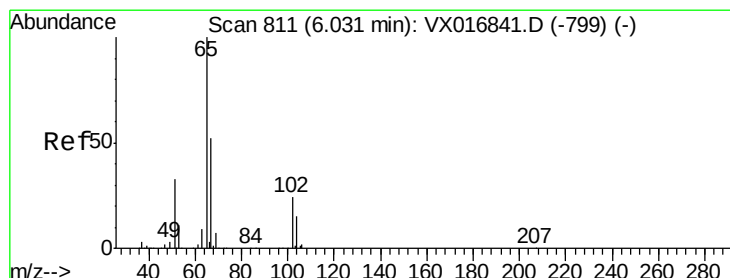
Tot Ion:	84	Resp:	4067
Ion	Ratio	Lower	Upper
84	100		
49	109.8	86.6	129.8
51	35.1	27.1	40.7
86	64.5	53.1	79.7



Instrument :
MSVOA_X
ClientSampled :
TW-2

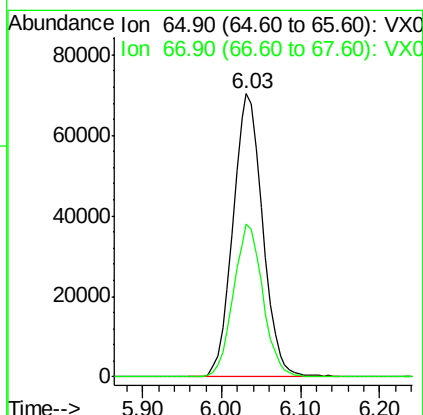
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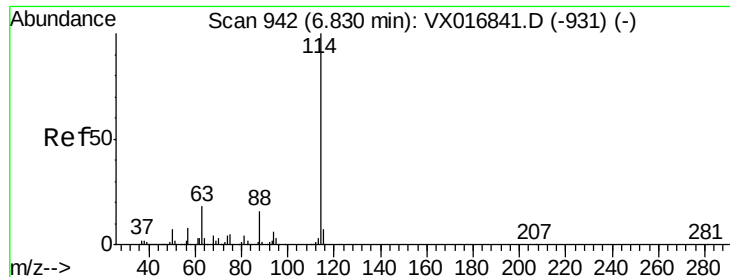
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#33
1,2-Dichloroethane-d4
Concen: 46.645 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion:	65	Resp:	184121
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

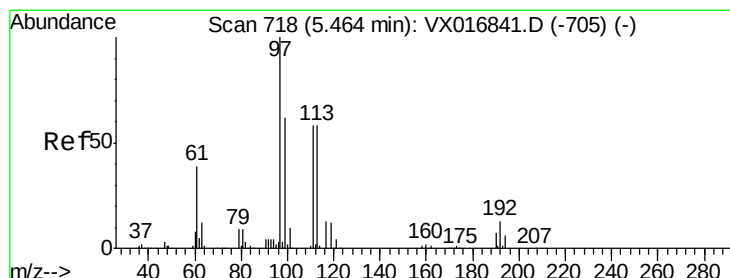
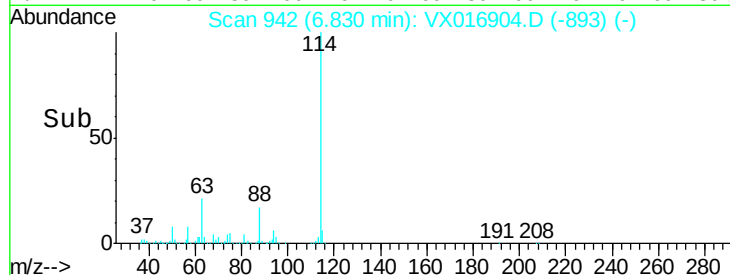
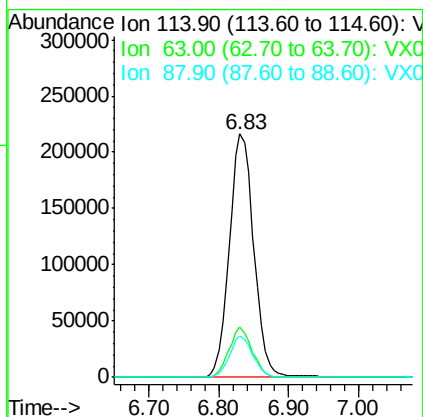
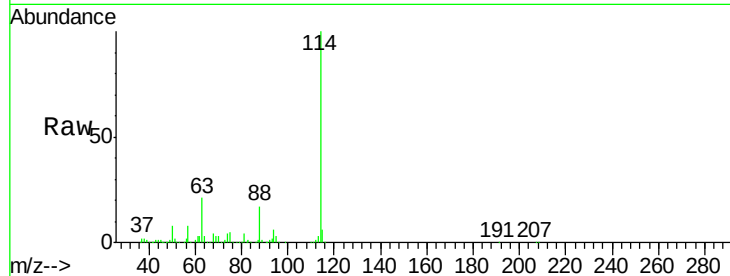
ClientSampled :

TW-2

Tot Ion:	114	Resp:	525457
Ion Ratio		Lower	Upper
114	100		
63	20.7	0.0	37.0
88	16.9	0.0	32.0

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#35

Dibromofluoromethane

Concen: 47.863 ug/l

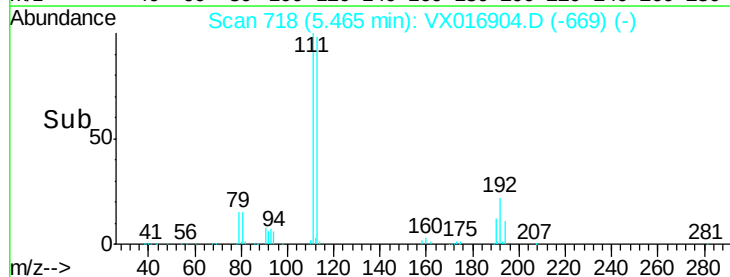
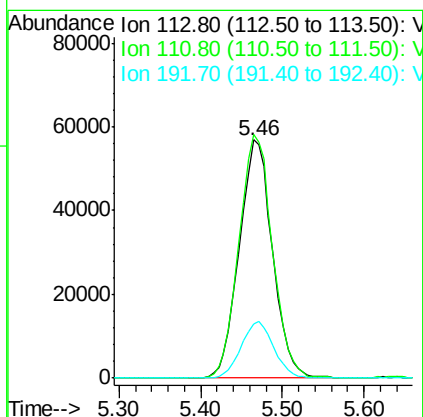
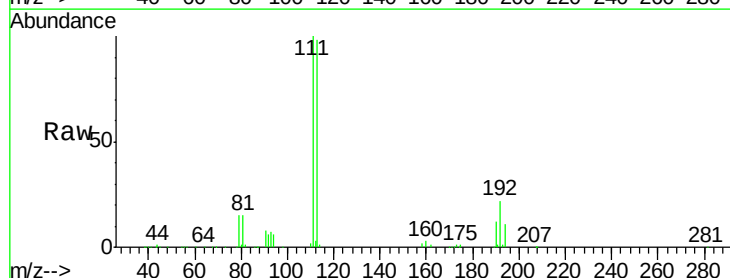
RT: 5.46 min Scan# 718

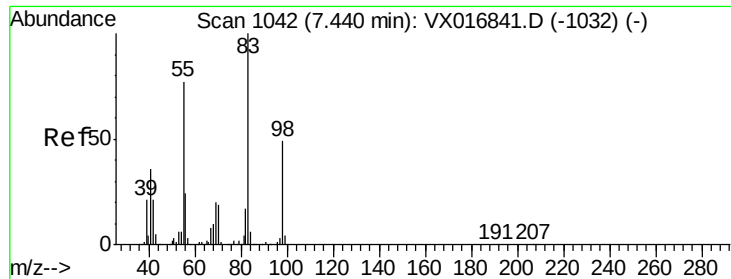
Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Tgt Ion:	113	Resp:	160885
Ion Ratio		Lower	Upper
113	100		
111	103.4	81.0	121.4
192	23.4	18.5	27.7





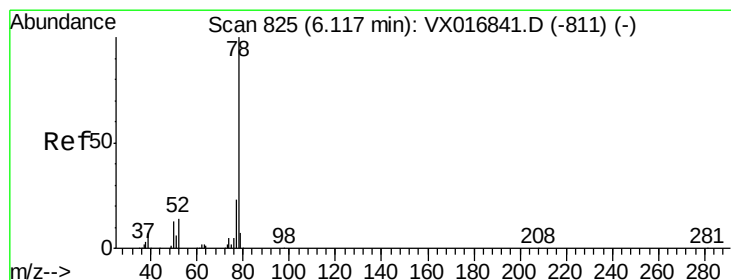
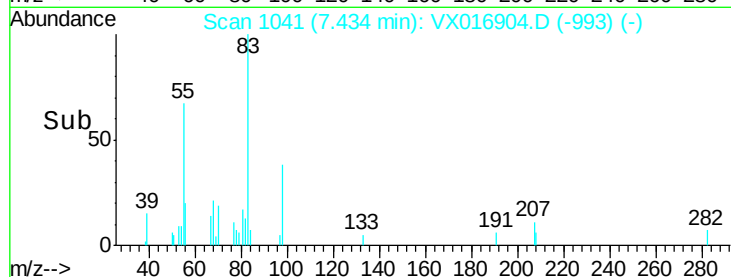
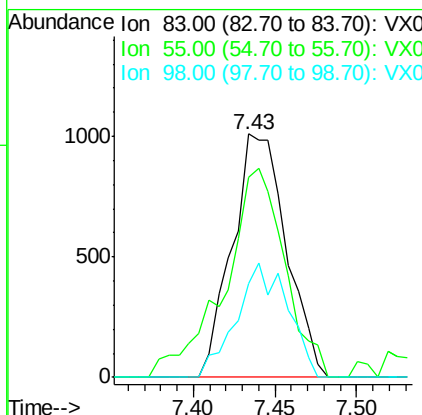
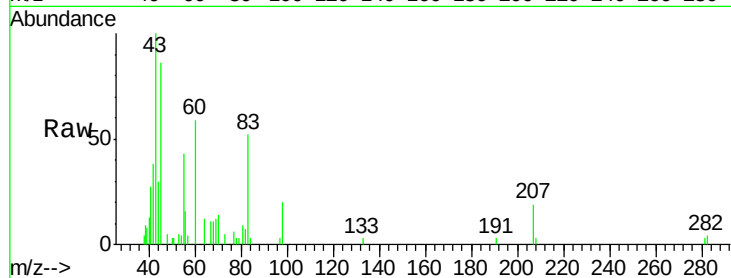
#39
Methylvlcyclohexane
Concen: 0.412 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Instrument :
MSVOA_X
ClientSampled :
TW-2

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.7	92.5
98	38.4	39.0	58.6

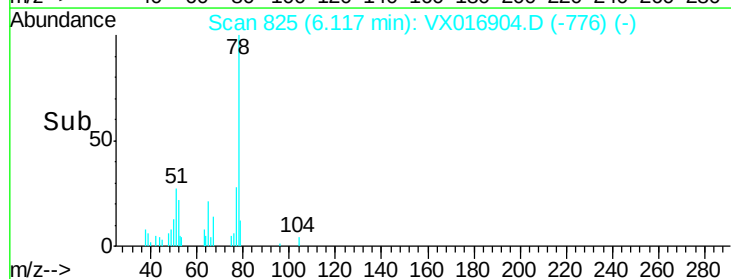
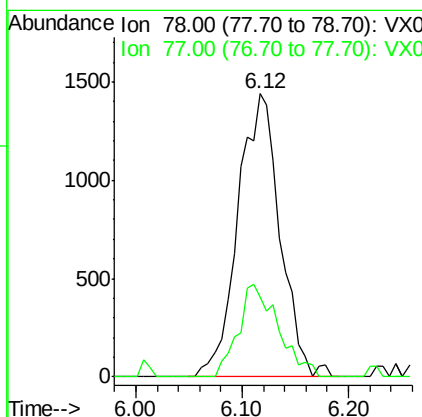
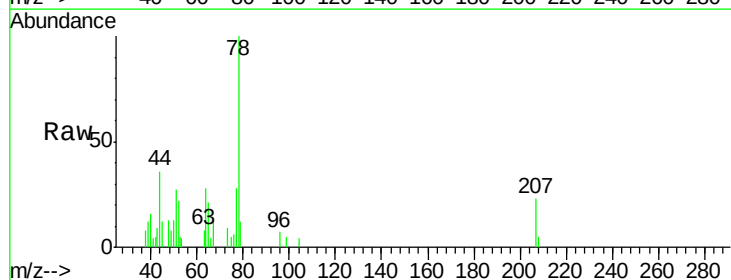
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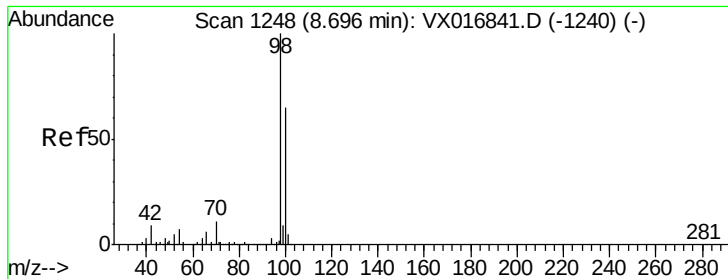
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#40
Benzene
Concen: 0.275 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.2	18.6	27.8





#50

Toluene-d8

Concen: 41.778 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

TW-2

Tot Ion: 98 Resp: 561842

Ion Ratio Lower Upper

98 100

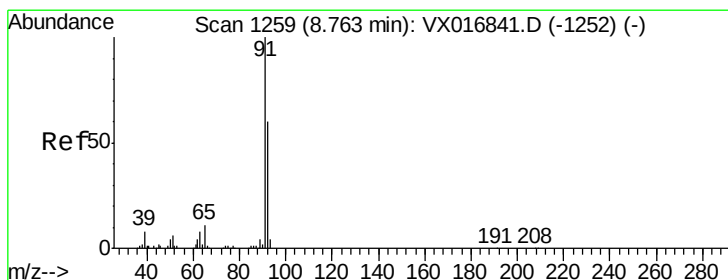
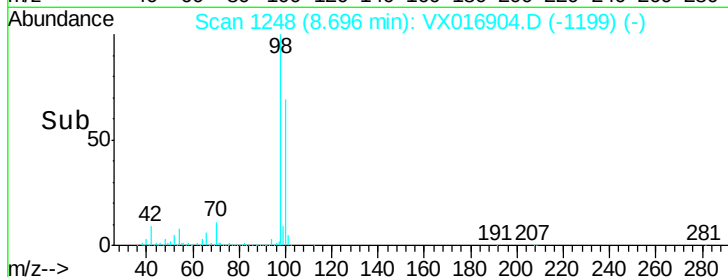
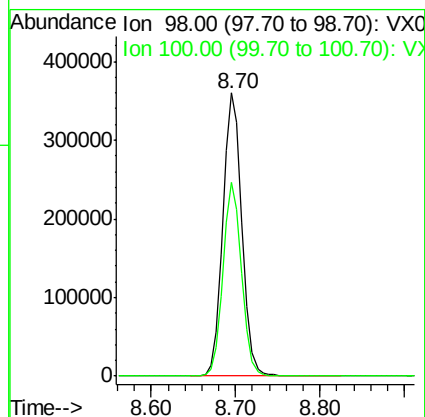
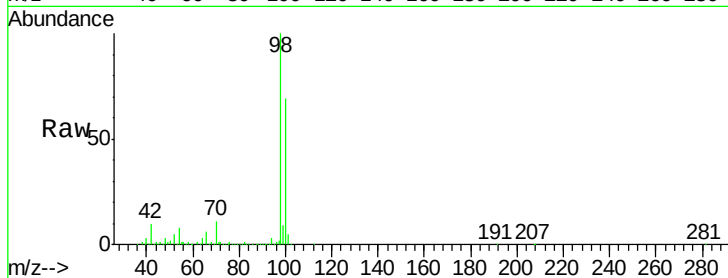
100 67.0 54.0 81.0

Manual Integrations

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#52

Toluene

Concen: 0.433 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016904.D

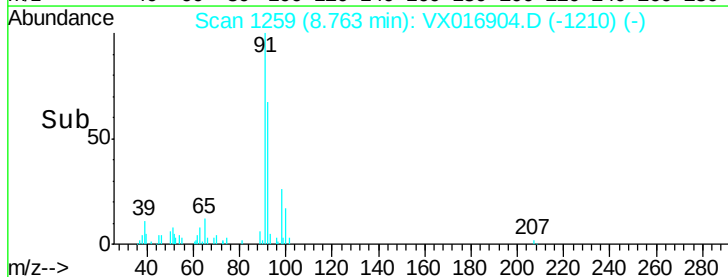
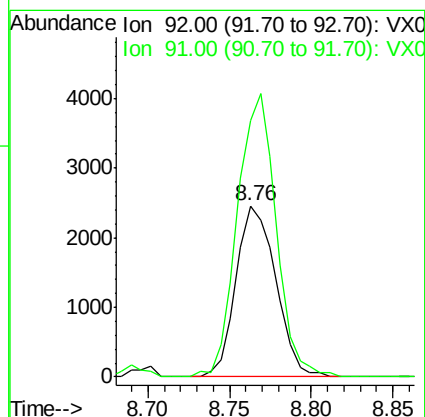
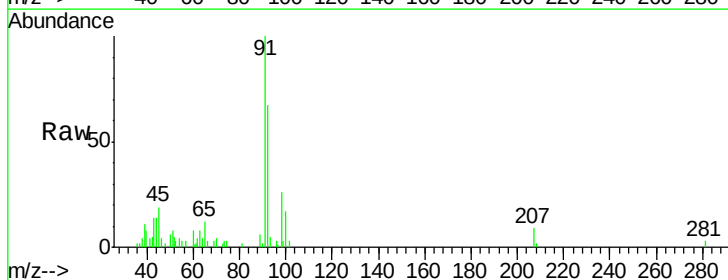
Acq: 20 Jun 2020 03:37

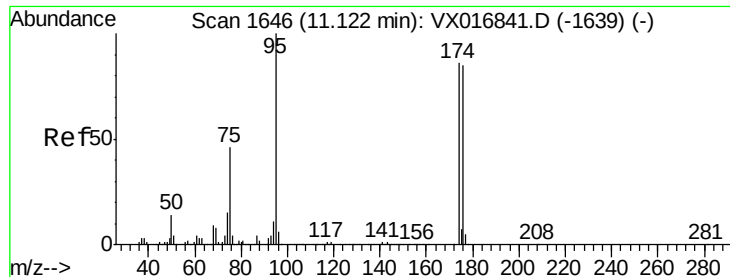
Tgt Ion: 92 Resp: 4186

Ion Ratio Lower Upper

92 100

91 161.4 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 47.270 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

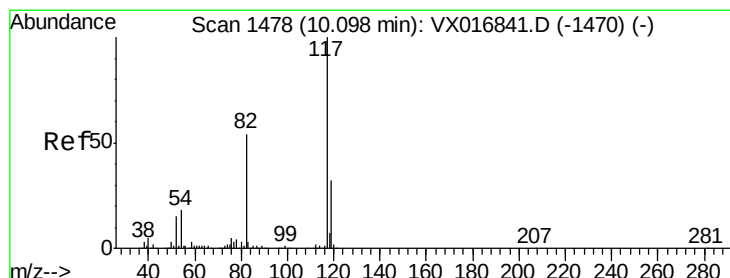
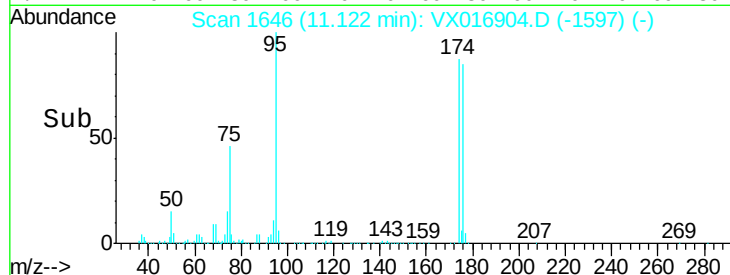
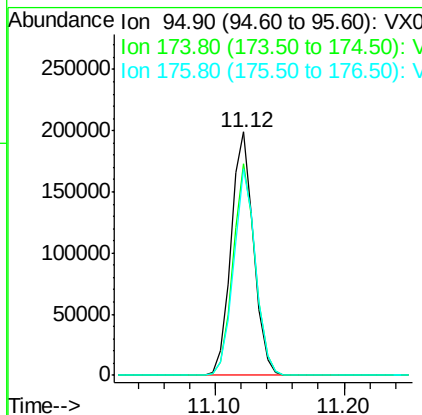
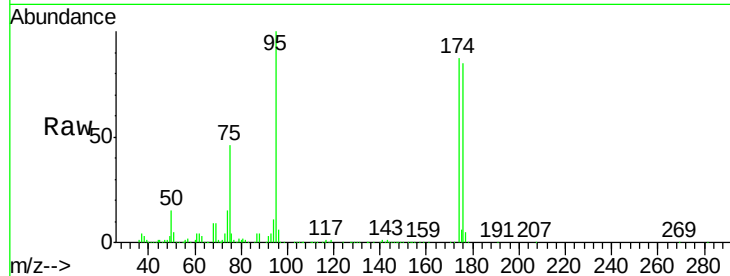
ClientSampled :

TW-2

Tot Ion:	95	Resp:	243565
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	174.2
176	82.6	0.0	170.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

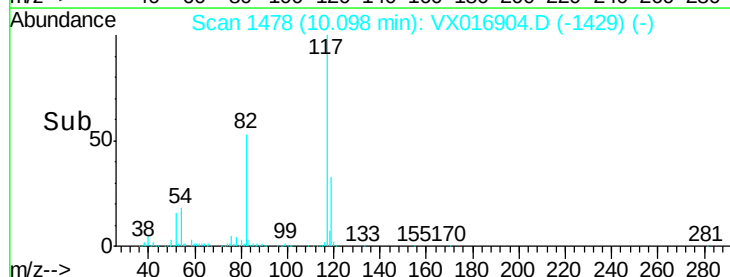
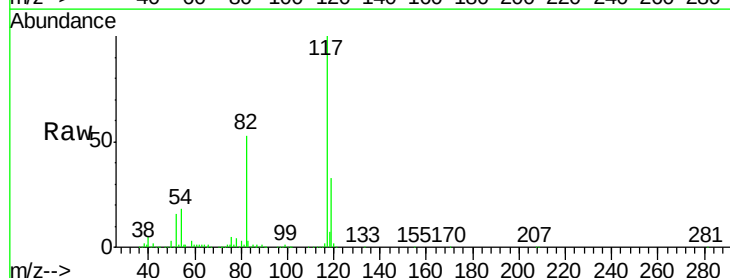
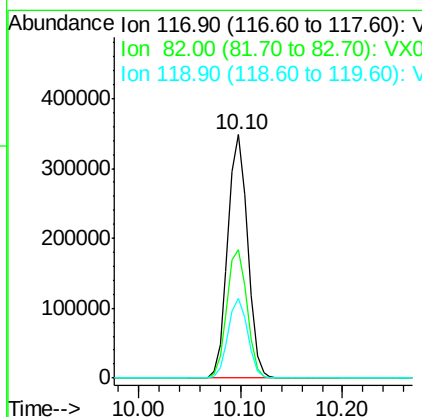
RT: 10.10 min Scan# 1478

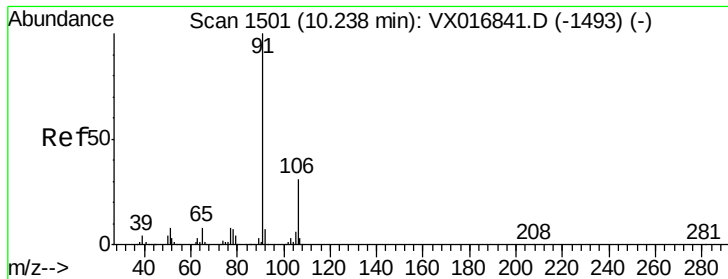
Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Tgt Ion:	117	Resp:	469069
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.4	65.0
119	32.5	25.7	38.5





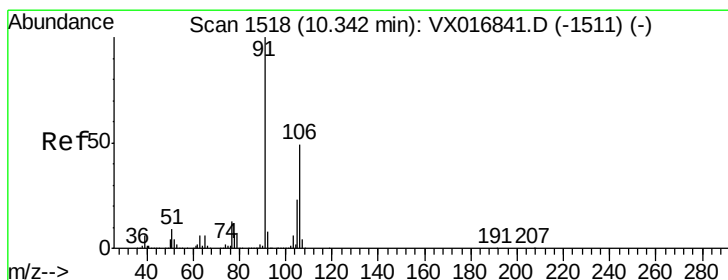
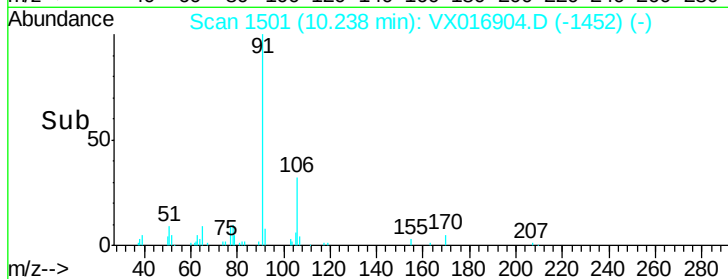
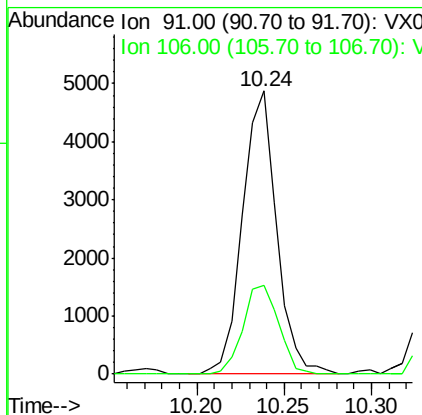
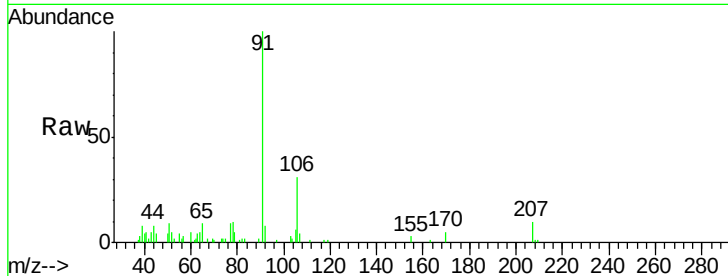
#67
Ethyl Benzene
Concen: 0.414 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Instrument :
MSVOA_X
ClientSampled :
TW-2

Tot Ion: 91 Resp: 6630
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

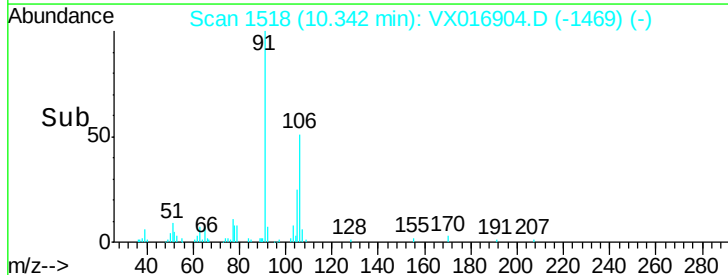
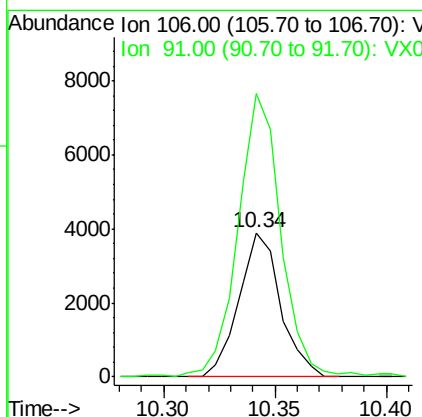
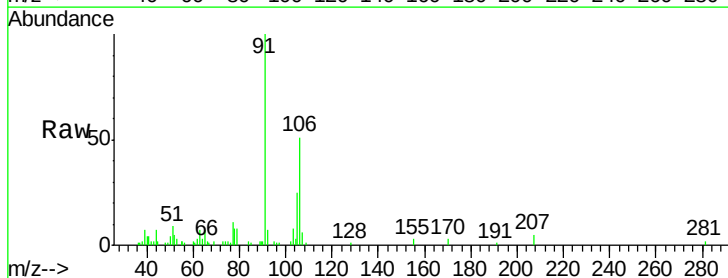
Manual Integrations
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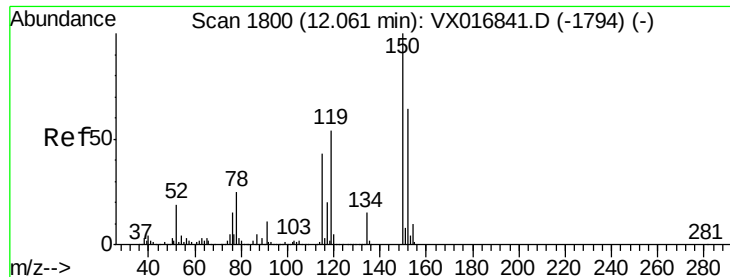
MMDadoda
6/22/2020 12:22:44 PM



#68
m/p-Xylenes
Concen: 0.811 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 106 Resp: 5057
Ion Ratio Lower Upper
106 100
91 205.5 161.5 242.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

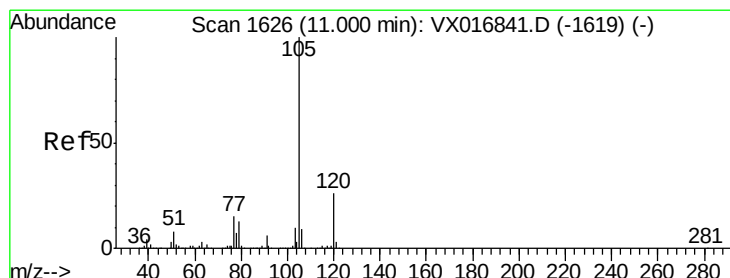
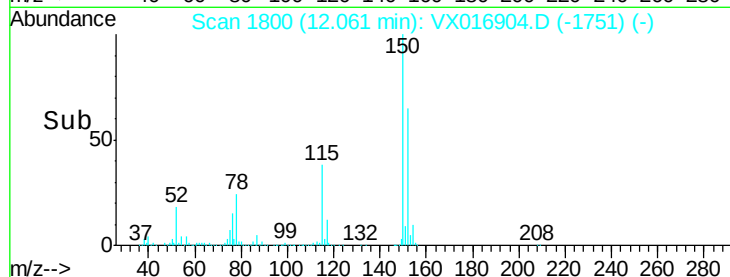
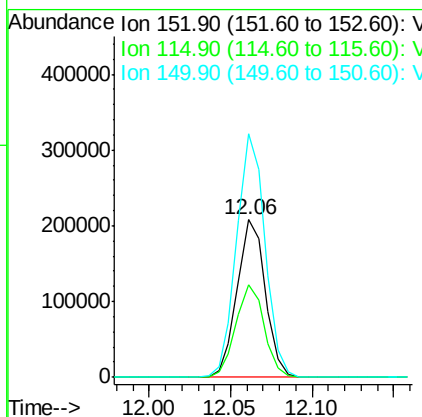
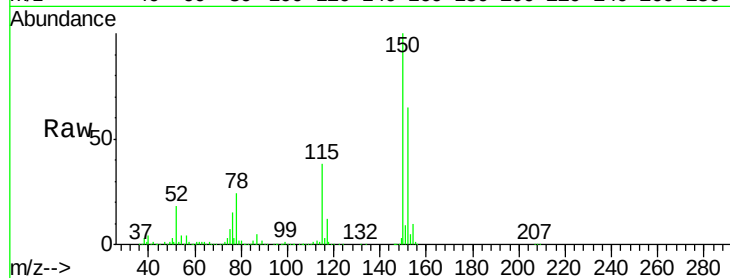
ClientSampled :

TW-2

Tot Ion:	152	Resp:	251661
Ion Ratio	Lower	Upper	
152	100		
115	58.9	40.9	122.8
150	155.7	0.0	344.2

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#73

Isopropylbenzene

Concen: 0.322 ug/l

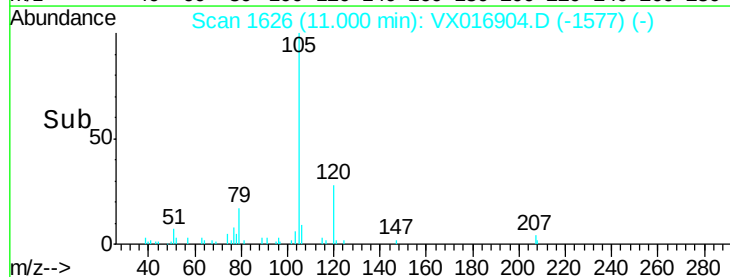
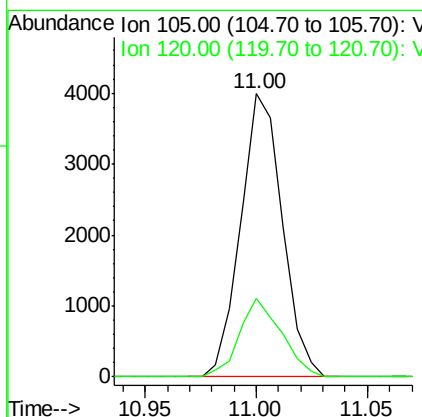
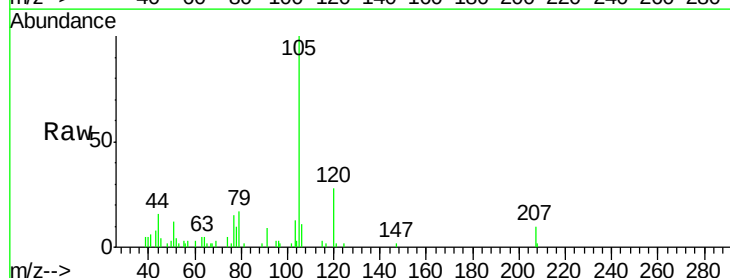
RT: 11.00 min Scan# 1626

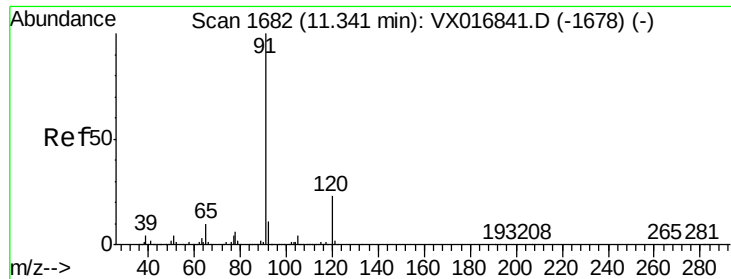
Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Tgt Ion:	105	Resp:	5210
Ion Ratio	Lower	Upper	
105	100		
120	27.9	13.2	39.6





#78

n-propylbenzene

Concen: 0.572 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

TW-2

Tot Ion: 91 Resp: 10339

Ion Ratio Lower Upper

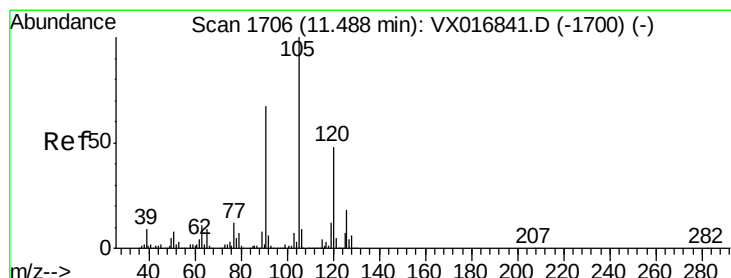
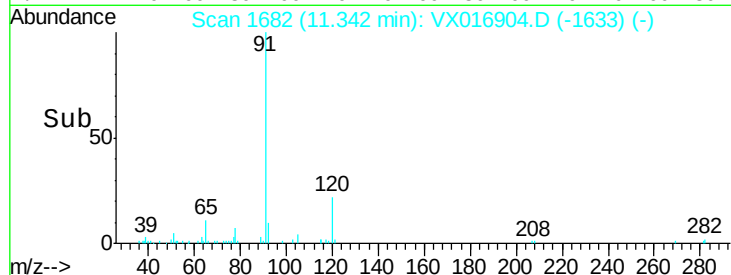
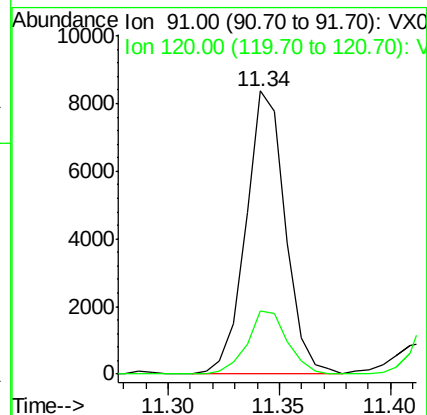
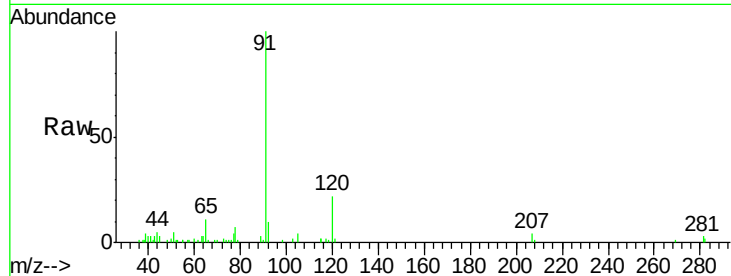
91 100

120 22.8 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 0.704 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016904.D

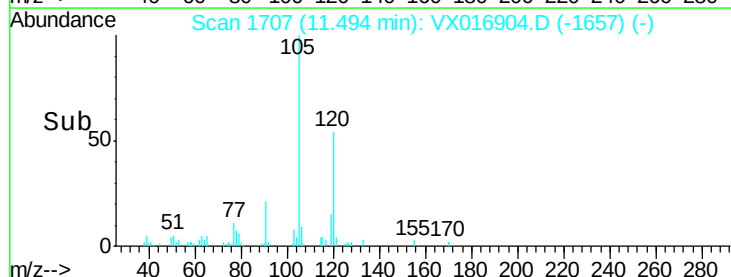
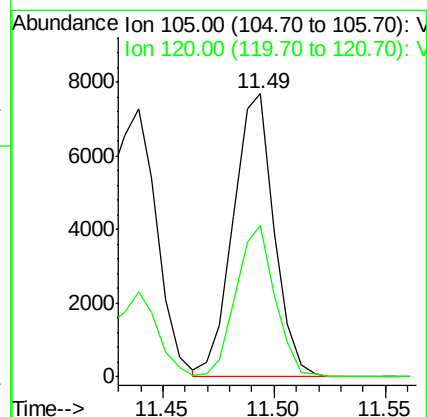
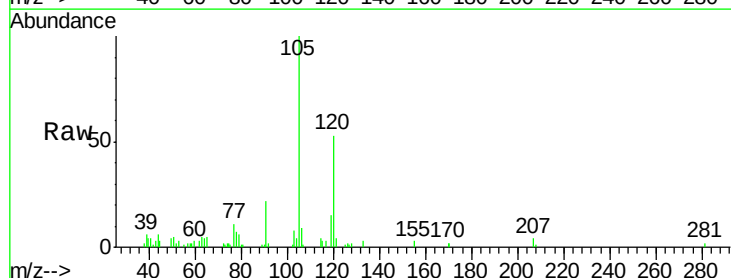
Acq: 20 Jun 2020 03:37

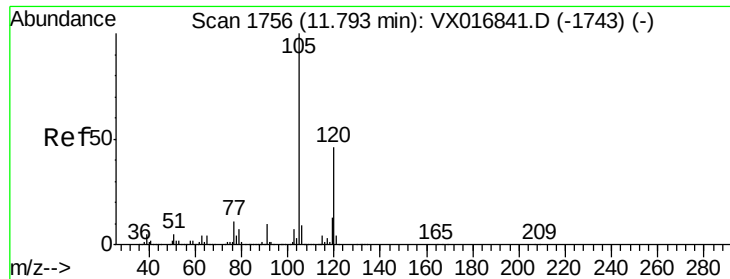
Tgt Ion: 105 Resp: 9842

Ion Ratio Lower Upper

105 100

120 51.0 24.6 74.0





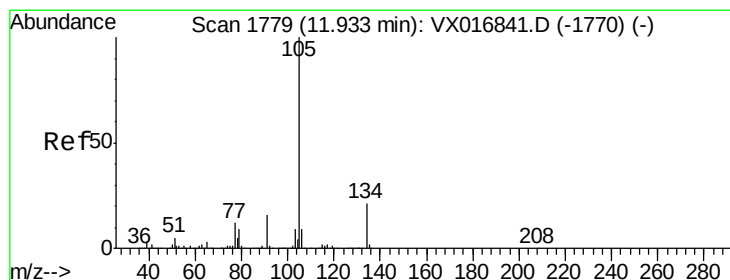
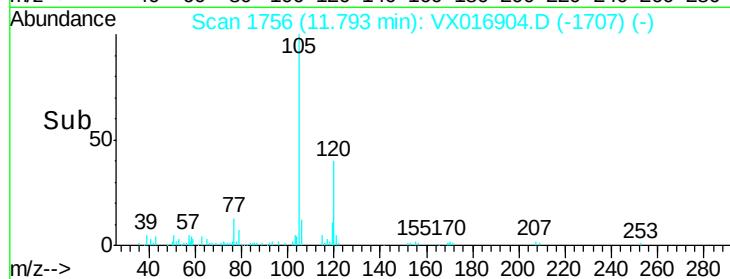
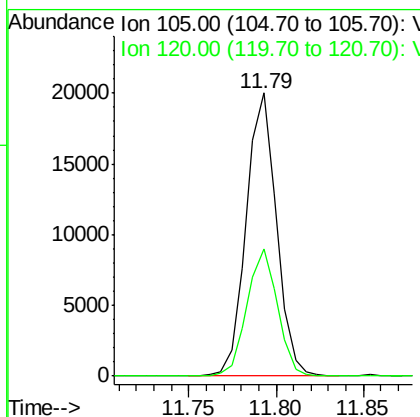
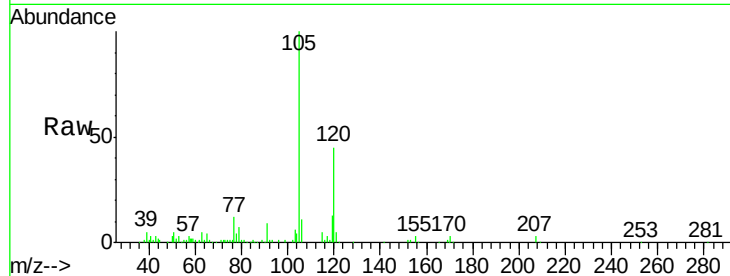
#84
 1,2,4-Trimethylbenzene
 Concen: 1.673 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

Instrument :
 MSVOA_X
 ClientSampled :
 TW-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9

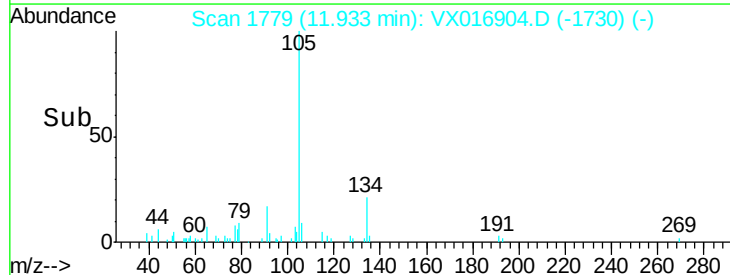
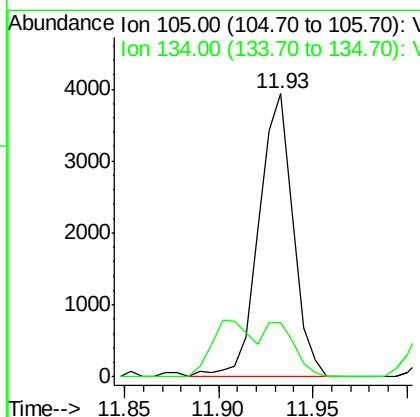
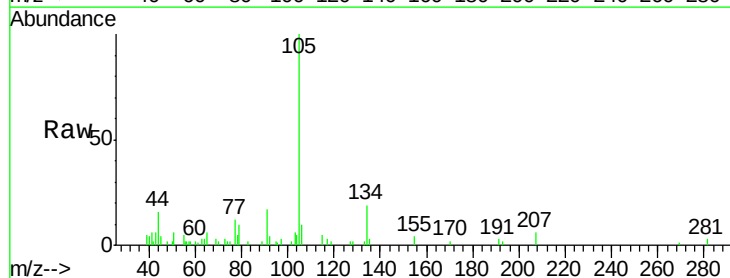
Manual Integrations
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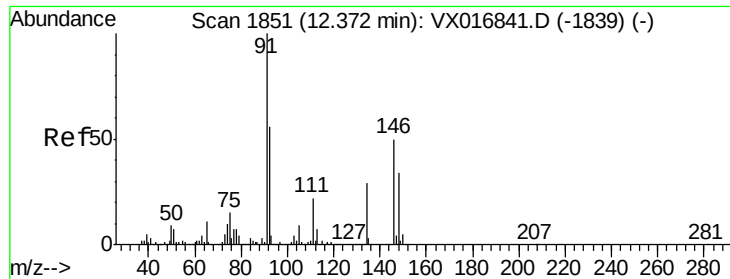
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 0.308 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	16.8	10.4	31.2





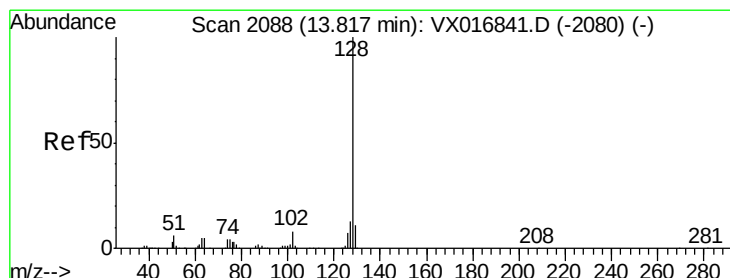
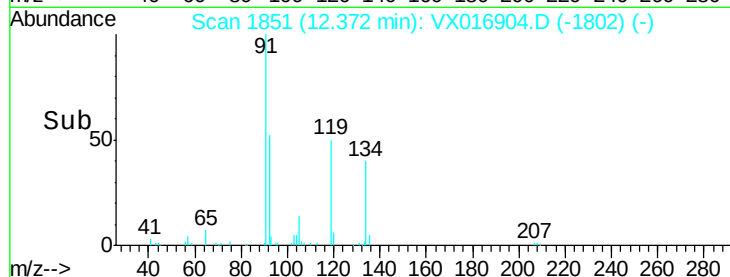
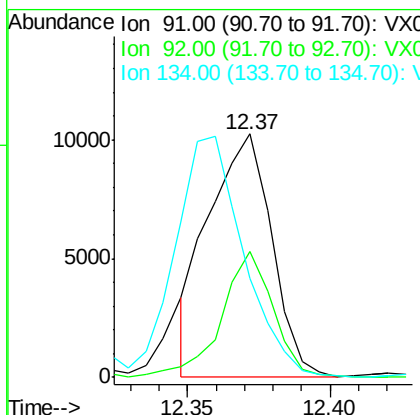
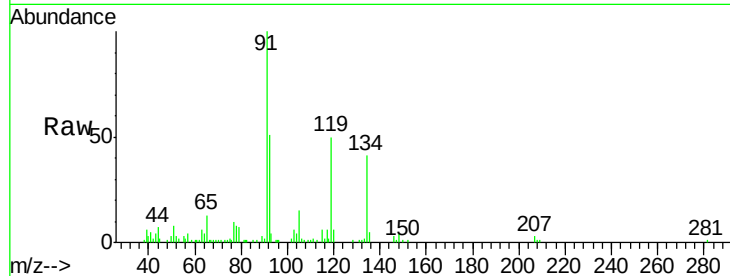
#89
n-Butylbenzene
Concen: 1.251 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Instrument :
MSVOA_X
ClientSampled :
TW-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	42.5	27.4	82.2
134	106.4	13.9	41.6#

Manual Integrations
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#95
Naphthalene
Concen: 0.429 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	17.8	8.6	13.0#

