

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014895.D
 Acq On : 10 Feb 2020 18:01
 Operator : JC/SP
 Sample : L1432-08 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OD-COMP

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:15 AM

Quant Time: Feb 11 07:26:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	721834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	691307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	261911	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
35) Dibromofluoromethane	5.49	113	217568	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	860400	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	331030	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	185122	56.935	ug/l	96
18) Methyl Acetate	2.76	43	11319	2.132	ug/l	99
25) 2-Butanone	4.66	43	11105	3.094	ug/l #	89
37) Ethyl Acetate	4.83	43	14271	2.119	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	38736	5.774	ug/l	98
52) Toluene	8.78	92	148431	12.113	ug/l	99
67) Ethyl Benzene	10.25	91	21654	0.908	ug/l	93
68) m/p-Xylenes	10.35	106	32431	3.530	ug/l	95
69) o-Xylene	10.70	106	12462	1.411	ug/l	97
78) n-propylbenzene	11.35	91	8265	0.297	ug/l	83
80) 1,3,5-Trimethylbenzene	11.50	105	7705	0.383	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	29871	1.475	ug/l	93
86) p-Isopropyltoluene	12.06	119	6532m	0.295	ug/l	
89) n-Butylbenzene	12.38	91	12061	0.609	ug/l #	50
95) Naphthalene	13.83	128	16120	0.696	ug/l #	83

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

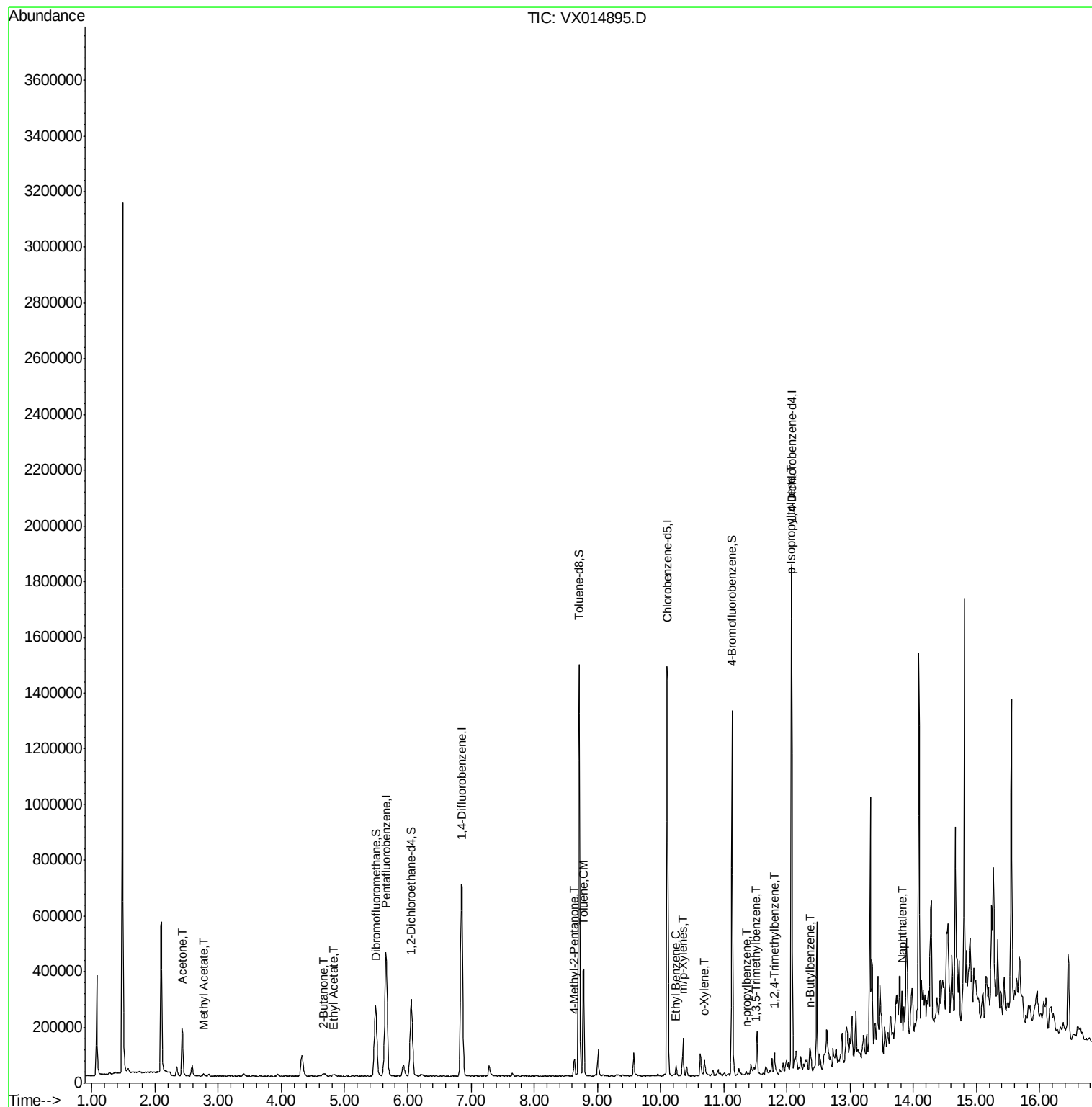
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
Data File : VX014895.D
Acq On : 10 Feb 2020 18:01
Operator : JC/SP
Sample : L1432-08 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

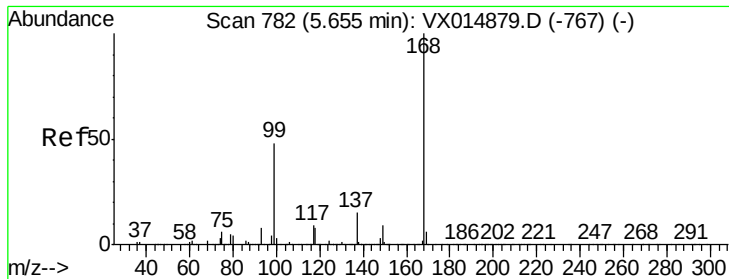
Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Manual Integrations
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Quant Time: Feb 11 07:26:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

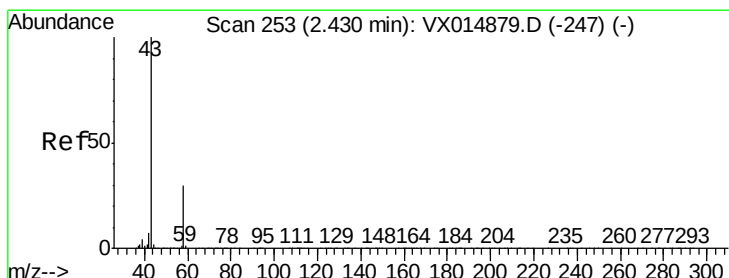
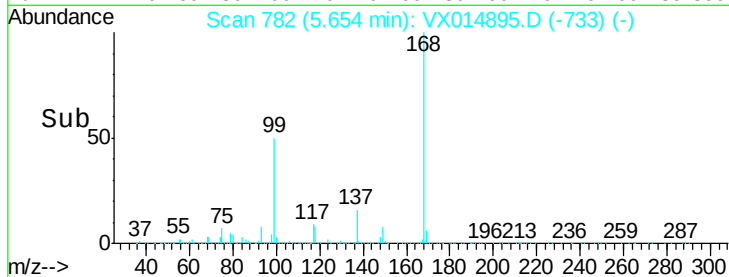
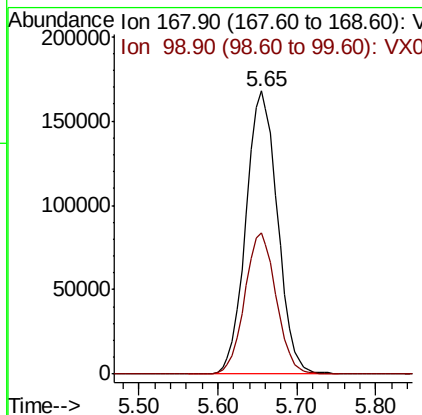
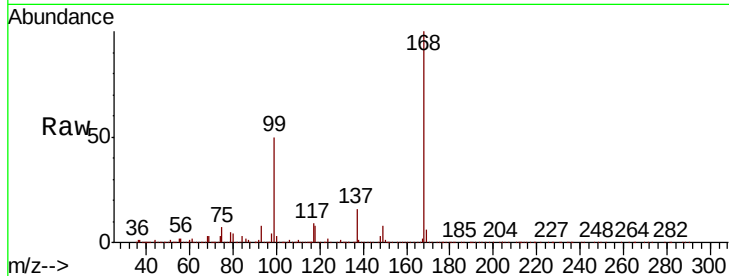
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 OD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
168	100	467096		
99	49.6	38.7	58.1	

Manual Integrations
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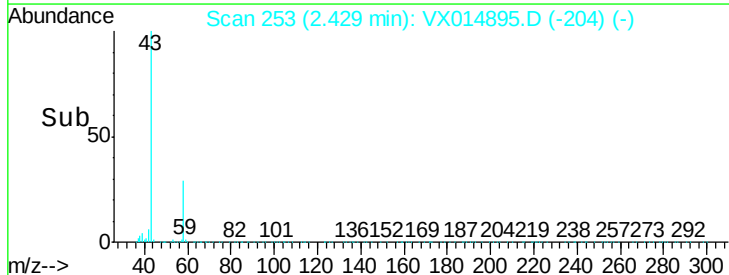
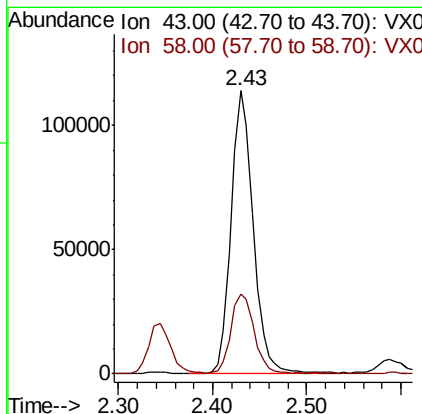
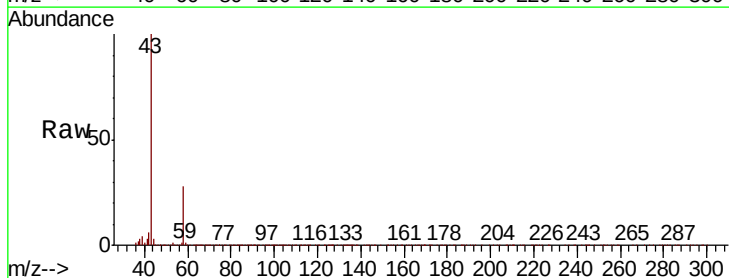
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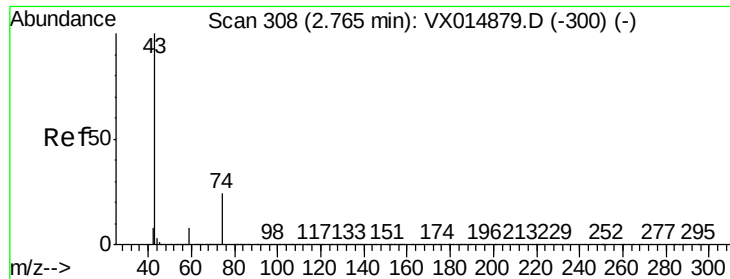


#16

Acetone
 Concen: 56.935 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	185122		
58	28.1	24.1	36.1	





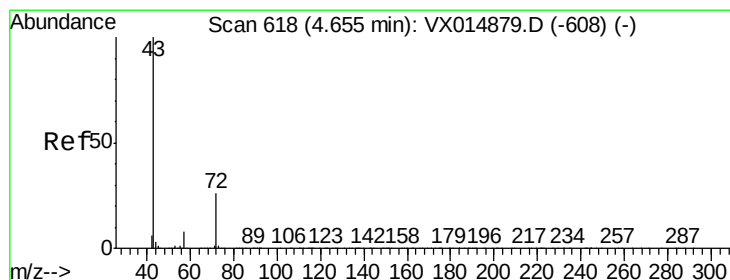
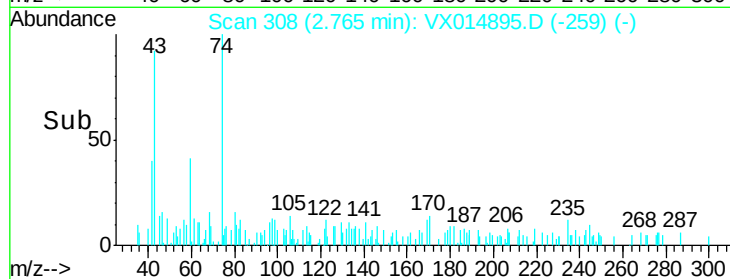
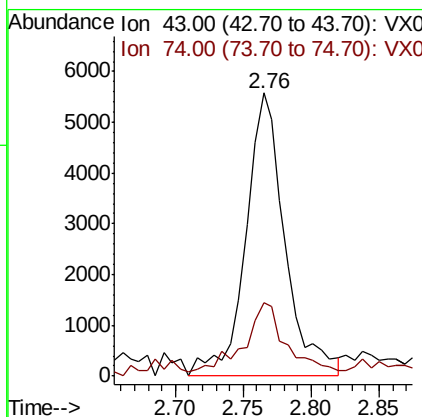
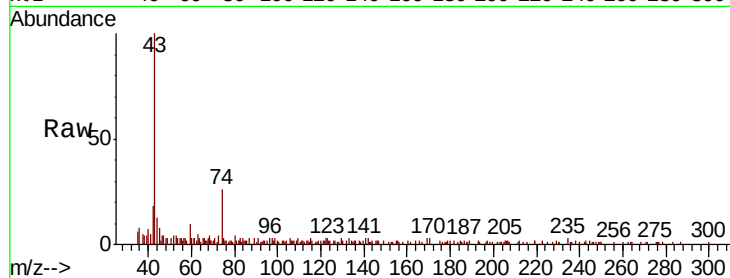
#18
Methvl Acetate
Concen: 2.132 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.4	29.0

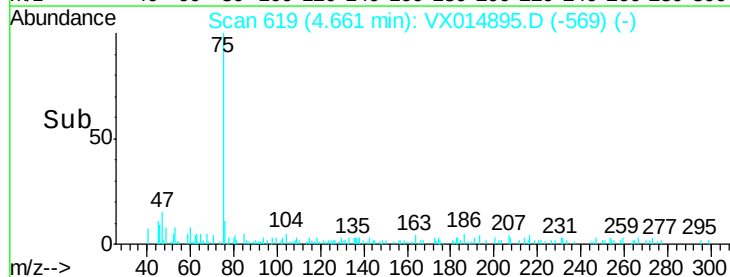
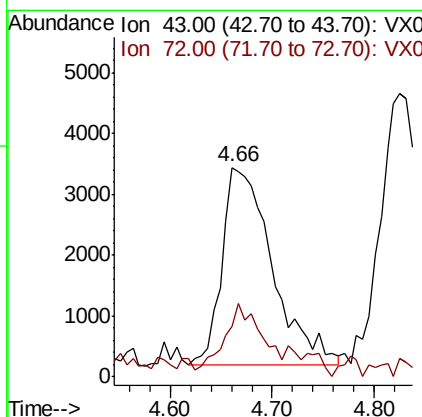
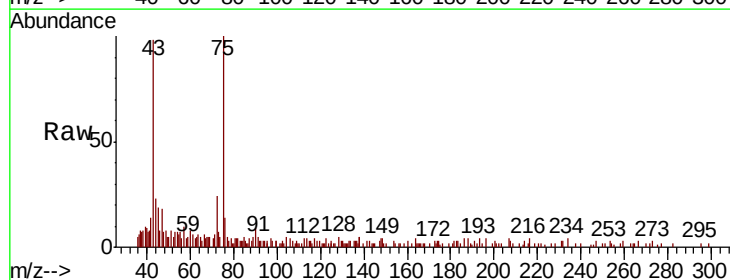
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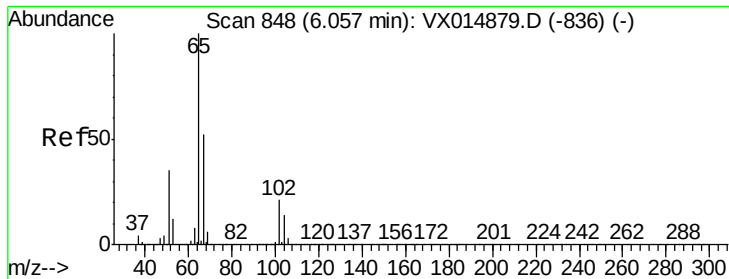
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#25
2-Butanone
Concen: 3.094 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.7	21.0	31.6#





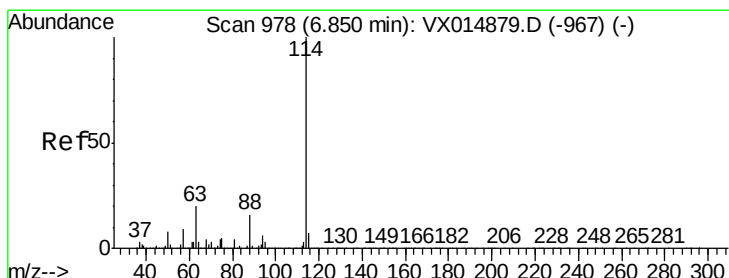
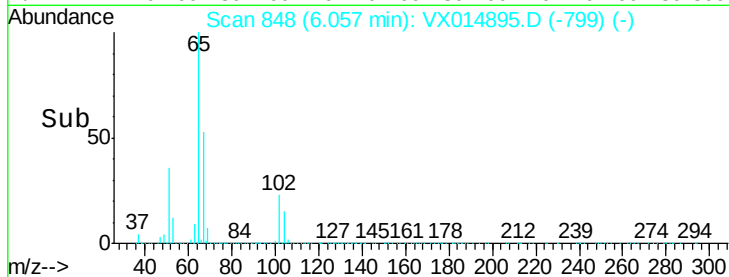
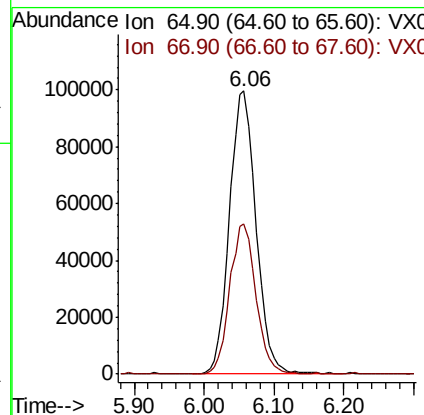
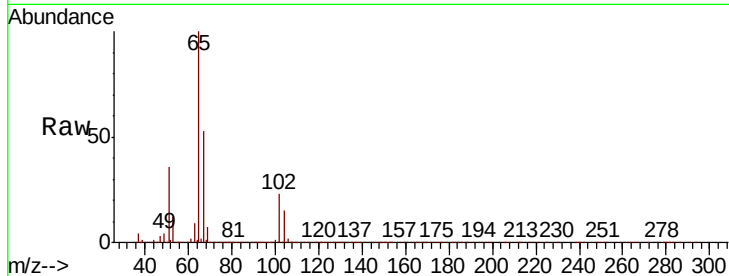
#33
 1,2-Dichloroethane-d4
 Concen: 49.684 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Instrument :
 MSVOA_X
 ClientSampled :
 OD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
65	100	261911		
67	52.2	0.0	103.0	

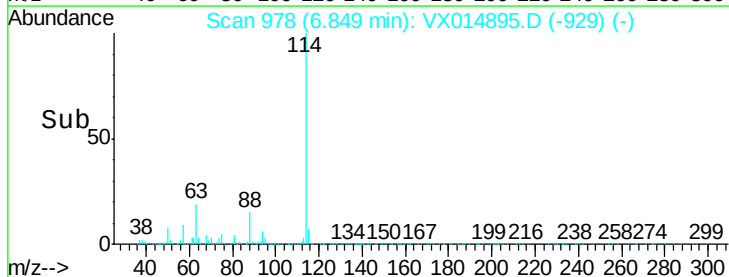
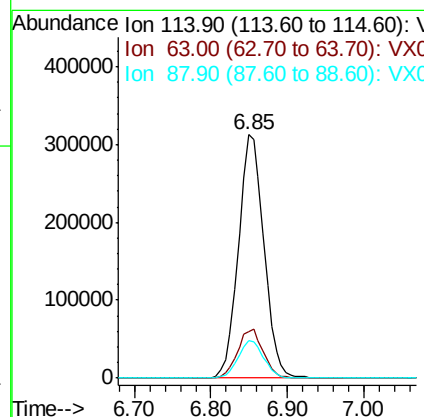
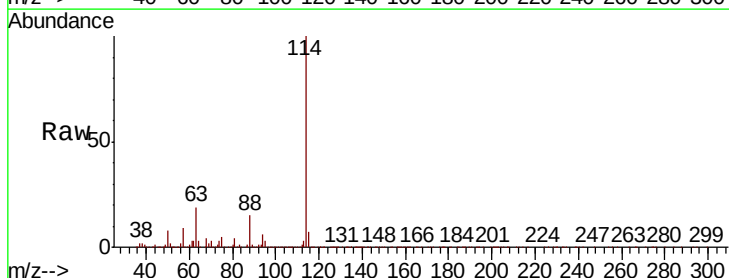
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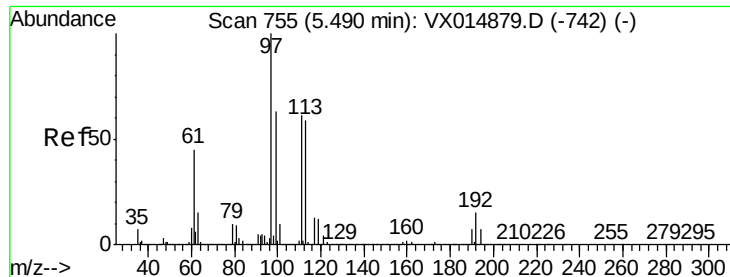
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	721834		
63	18.9	0.0	39.2	
88	15.1	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.028 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014895.D

Acq: 10 Feb 2020 18:01

Instrument :

MSVOA_X

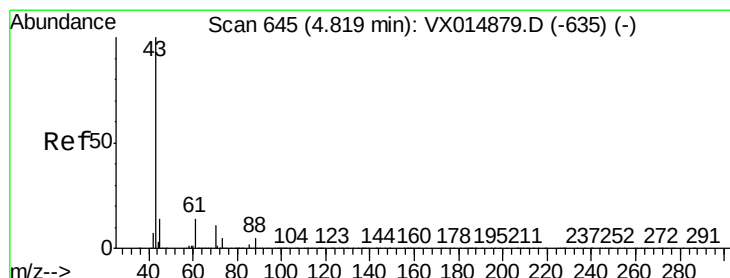
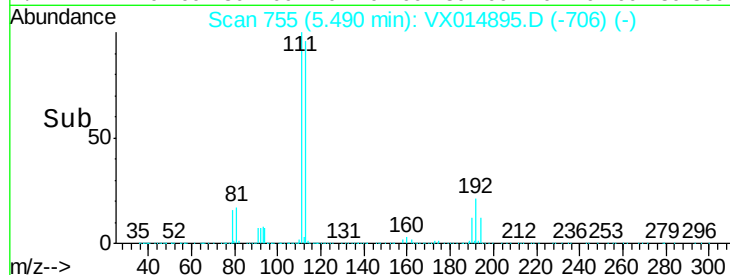
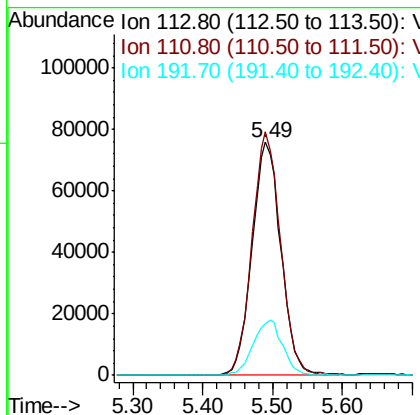
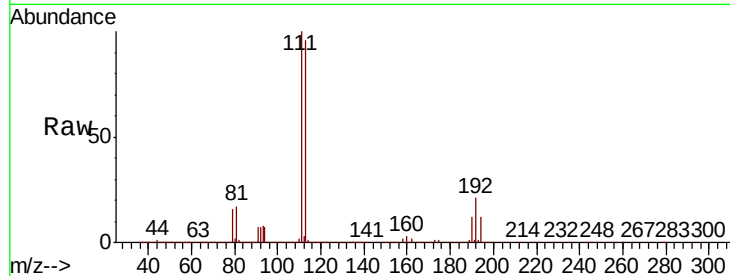
ClientSampleId :

OD-COMP

Tot Ion:	113	Resp:	217568
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.4	123.6
192	24.2	19.1	28.7

Manual Integrations
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#37

Ethyl Acetate

Concen: 2.119 ug/l

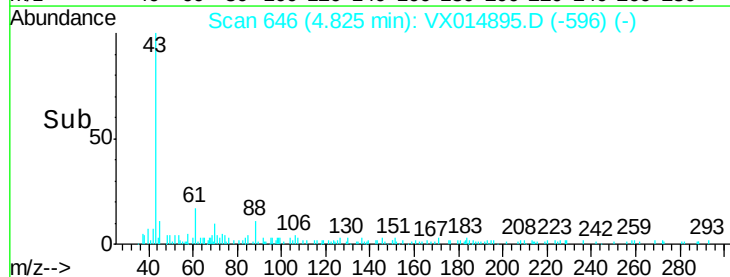
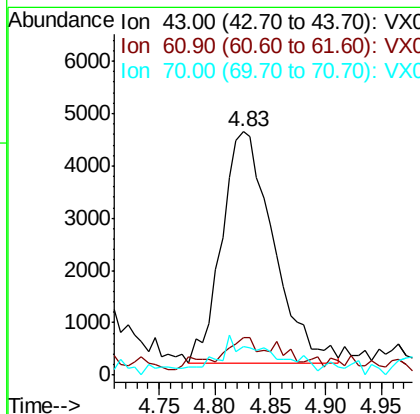
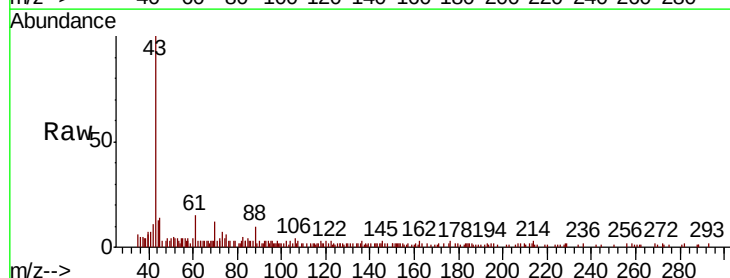
RT: 4.83 min Scan# 646

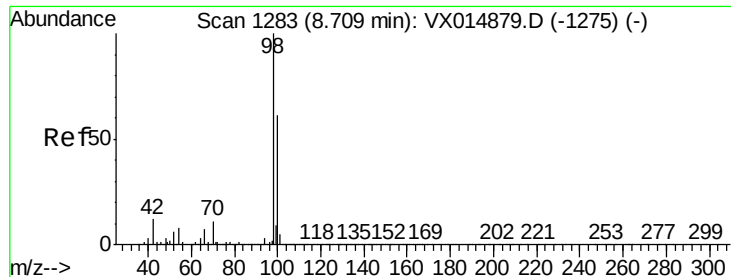
Delta R.T. 0.01 min

Lab File: VX014895.D

Acq: 10 Feb 2020 18:01

Tgt Ion:	43	Resp:	14271
Ion Ratio	Lower	Upper	
43	100		
61	6.1	10.9	16.3#
70	5.6	8.7	13.1#





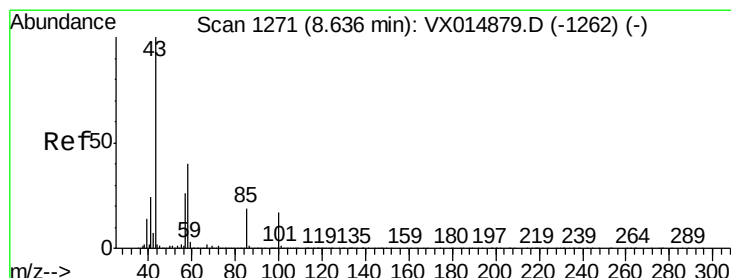
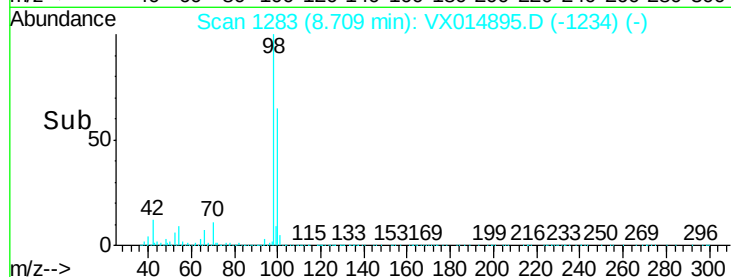
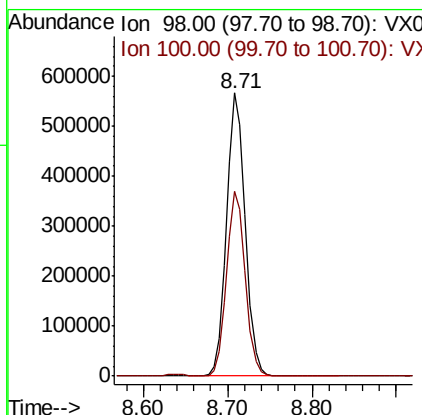
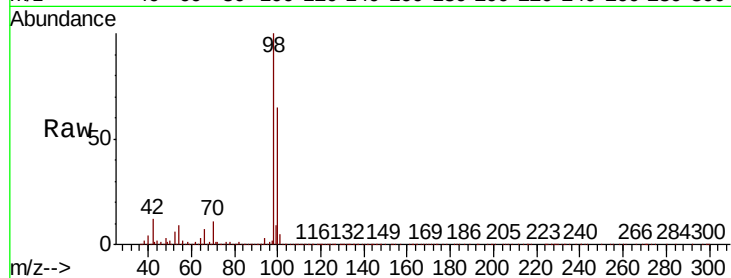
#50
Toluene-d8
Concen: 50.794 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

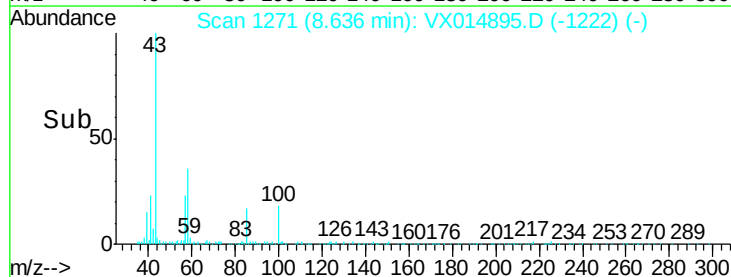
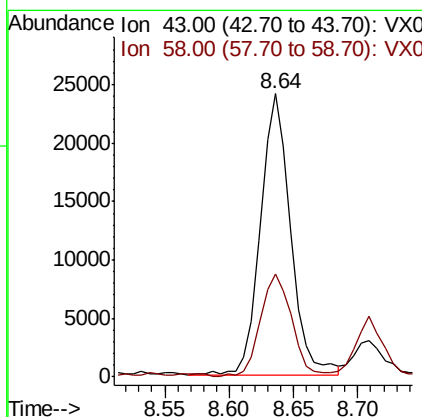
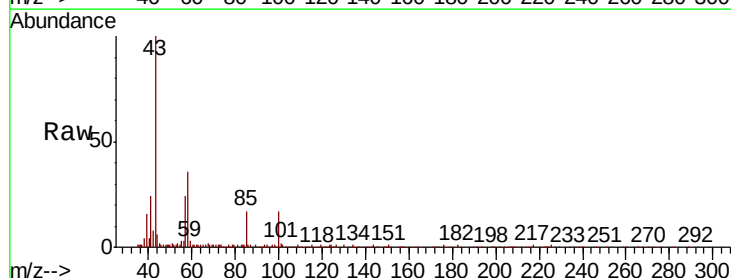
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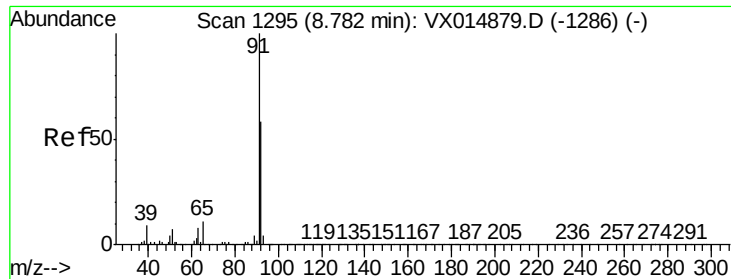
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#51
4-Methyl-2-Pentanone
Concen: 5.774 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.9	47.9





#52

Toluene

Concen: 12.113 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014895.D

Acq: 10 Feb 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

OD-COMP

Tot Ion: 92 Resp: 148431

Ion Ratio Lower Upper

92 100

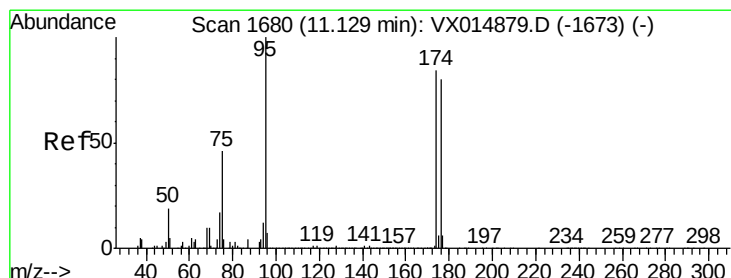
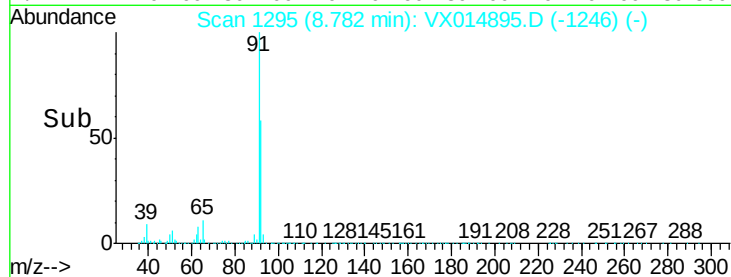
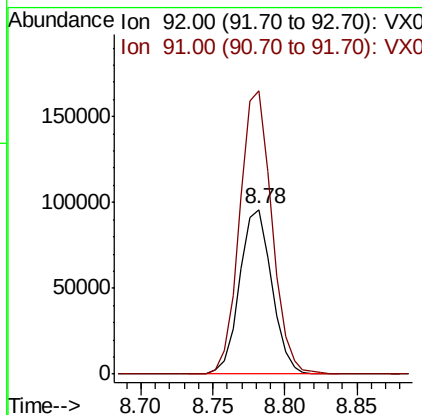
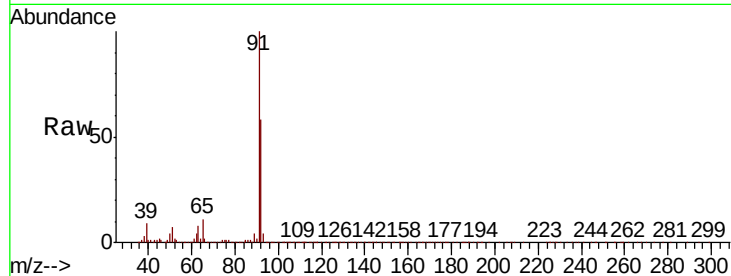
91 172.6 137.0 205.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 54.250 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014895.D

Acq: 10 Feb 2020 18:01

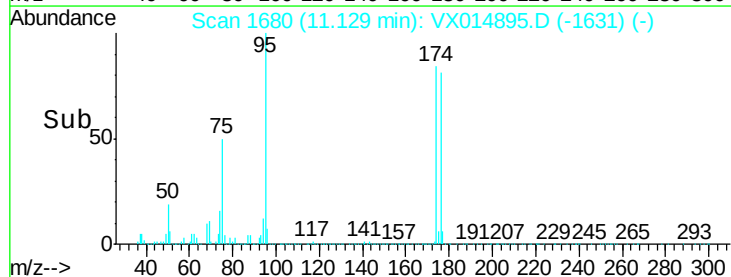
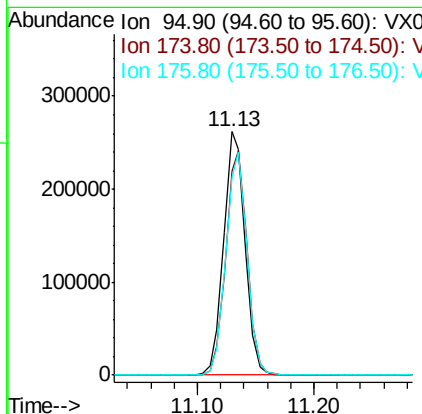
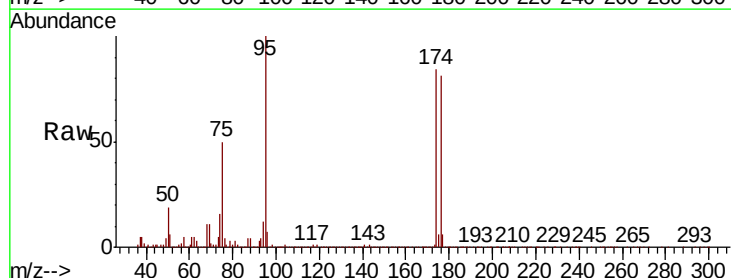
Tgt Ion: 95 Resp: 331030

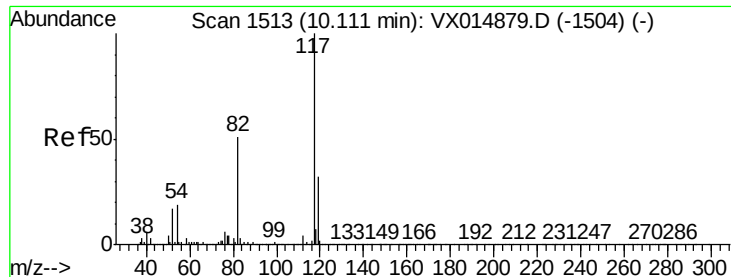
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

176 90.7 0.0 178.0





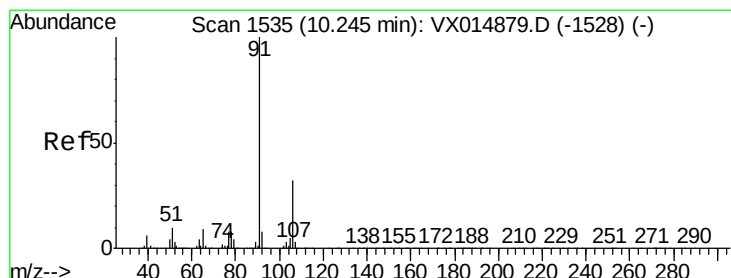
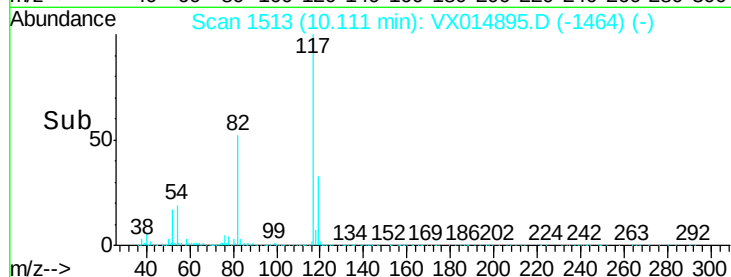
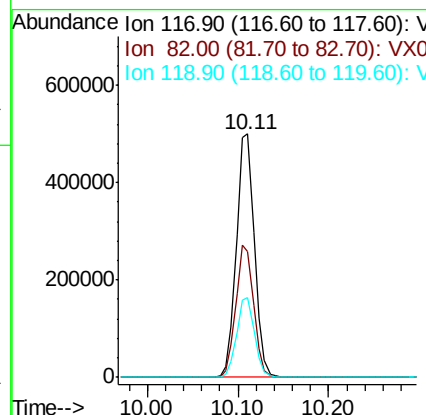
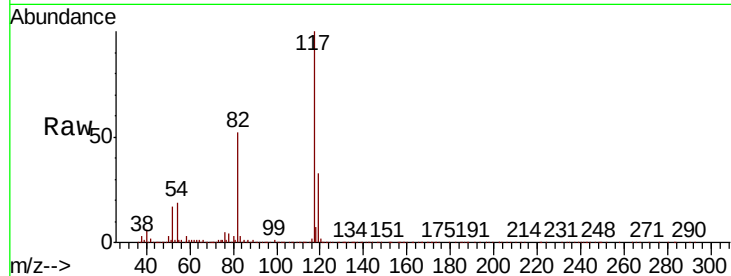
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.5	60.7
119	32.7	25.8	38.6

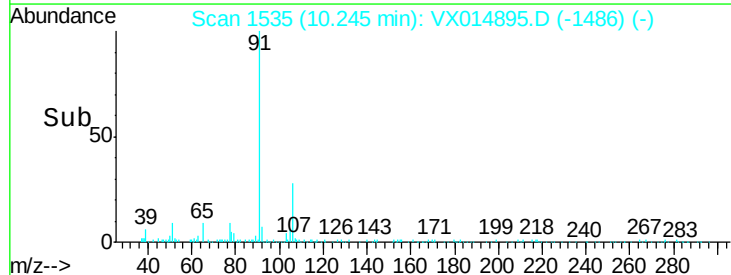
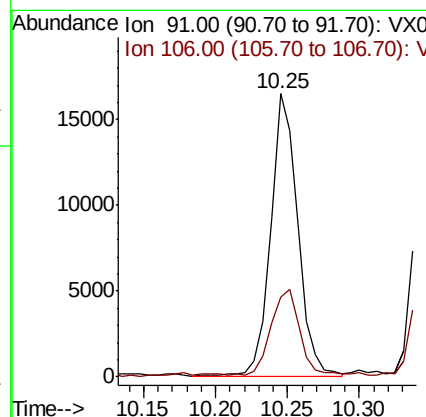
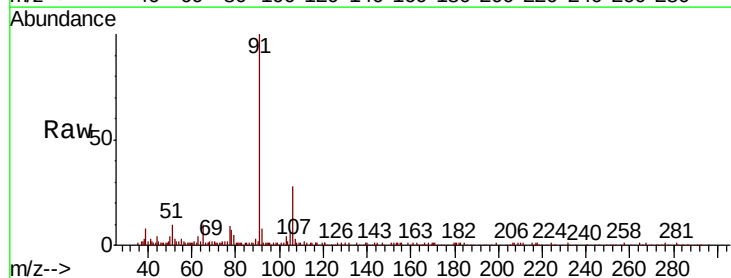
Manual Integrations
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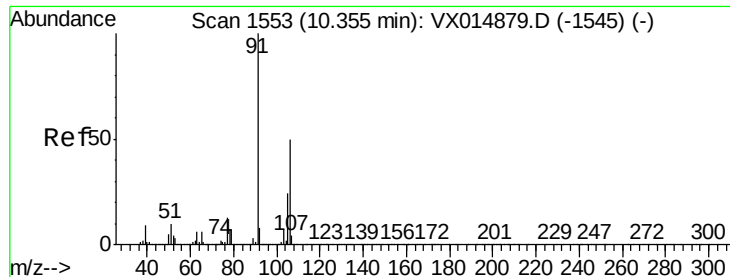
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#67
Ethyl Benzene
Concen: 0.908 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.5	25.3	37.9





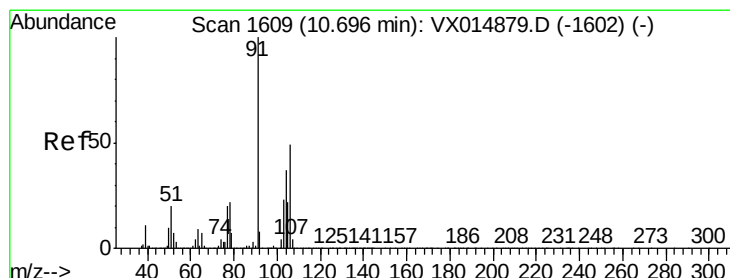
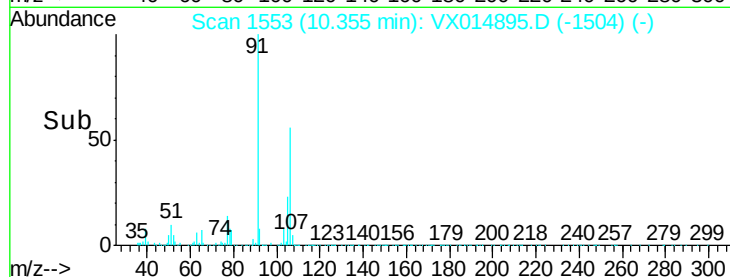
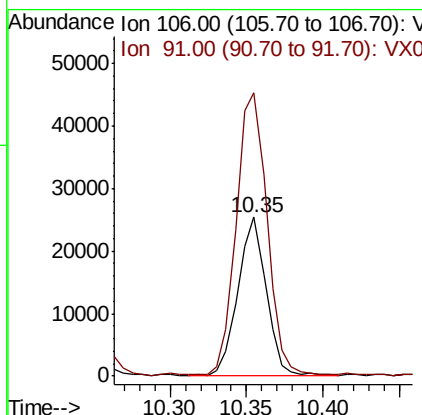
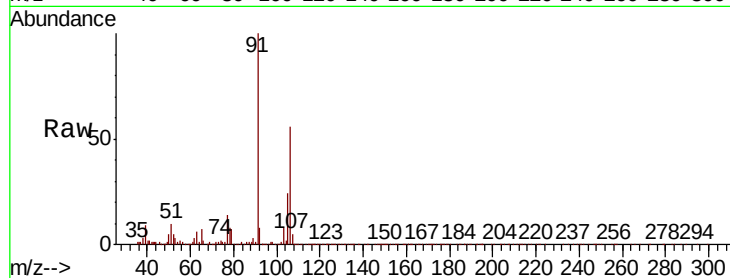
#68
m/p-Xylenes
Concen: 3.530 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Lower	Upper
106	100		
91	193.2	160.6	240.8

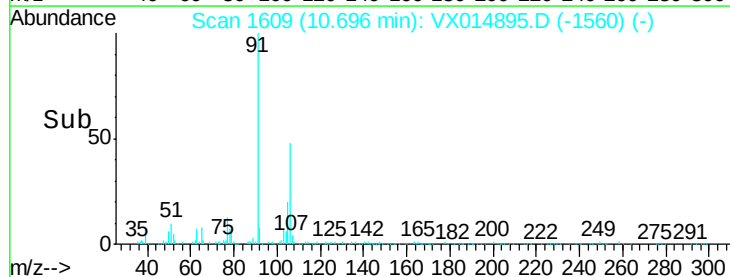
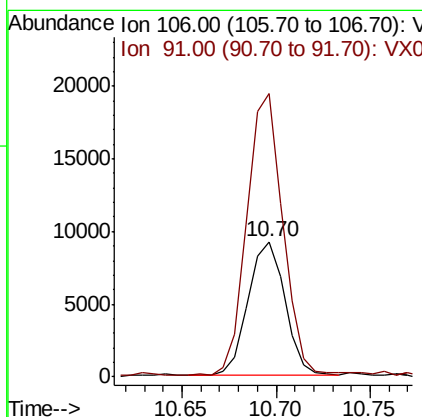
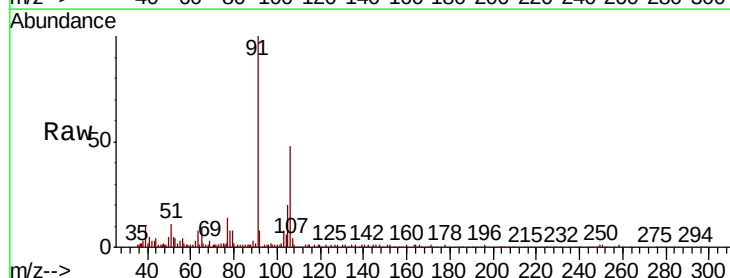
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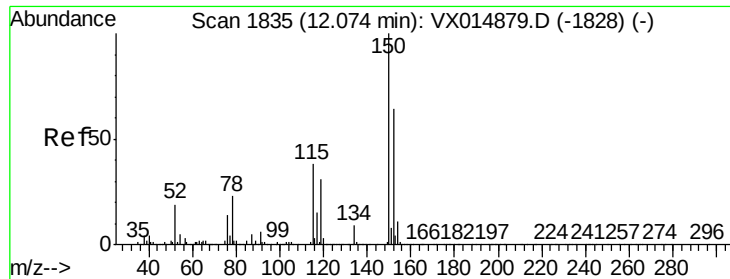
MMDadoda
2/11/2020 10:35:15 AM



#69
o-Xylene
Concen: 1.411 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.6	105.1	315.3





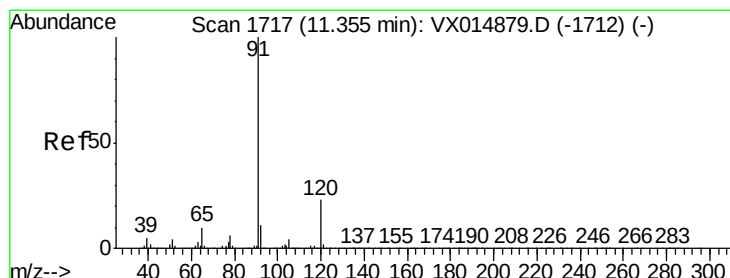
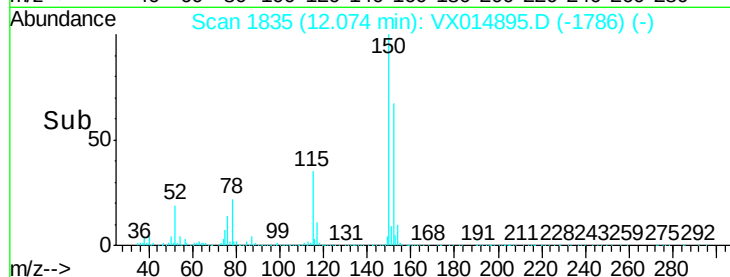
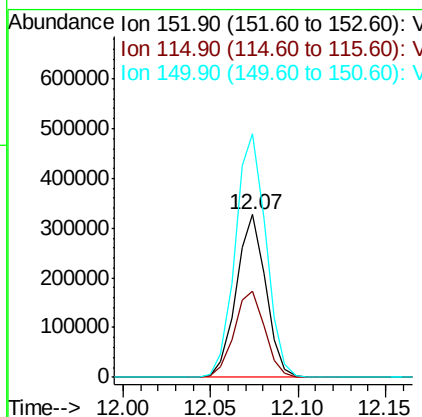
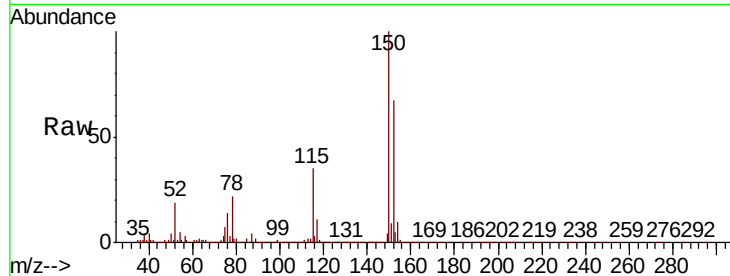
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 OD-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.6	116.0
150	155.8	0.0	349.0

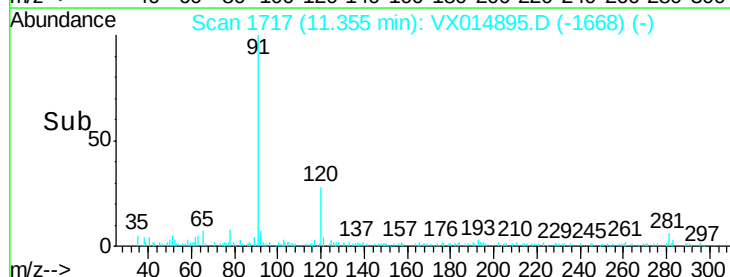
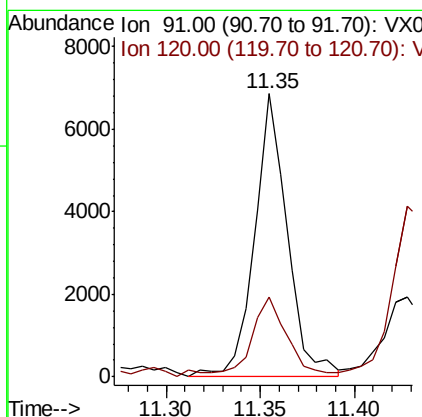
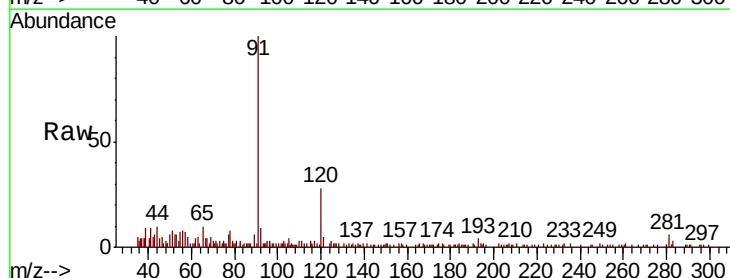
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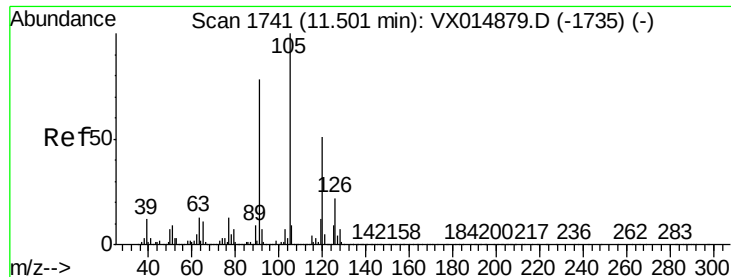
MMDadoda
 2/11/2020 10:35:15 AM



#78
 n-propylbenzene
 Concen: 0.297 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	32.0	11.8	35.4





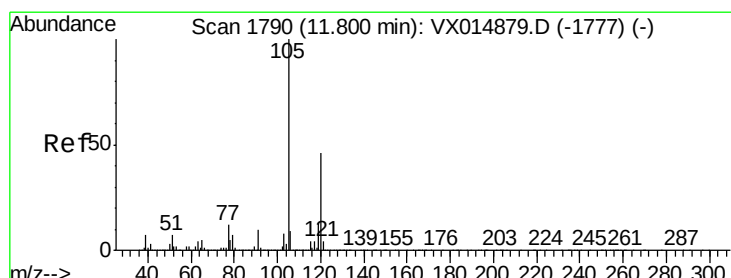
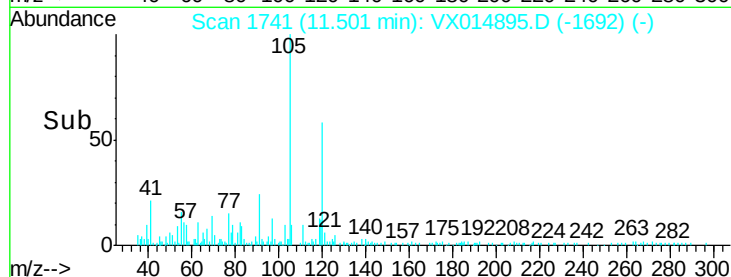
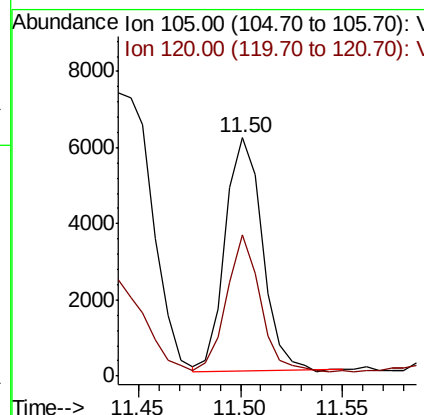
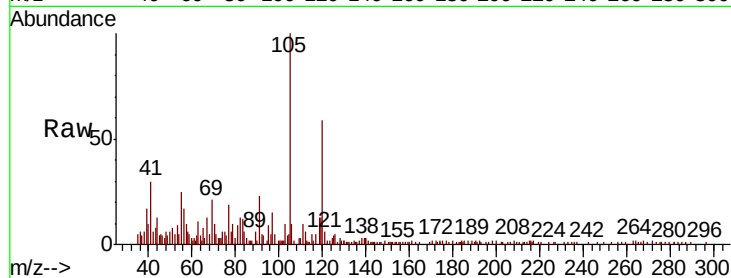
#80
 1,3,5-Trimethylbenzene
 Concen: 0.383 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 OD-COMP

Tot Ion:105 Resp: 7705
 Ion Ratio Lower Upper
 105 100
 120 53.2 25.6 76.6

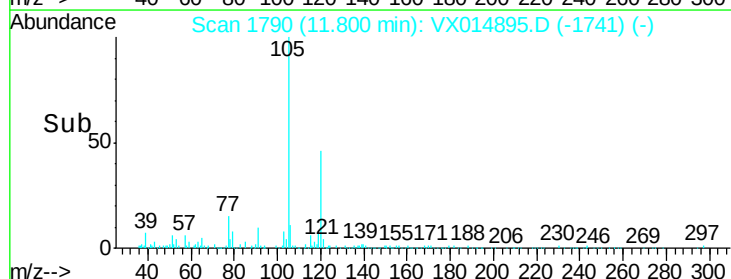
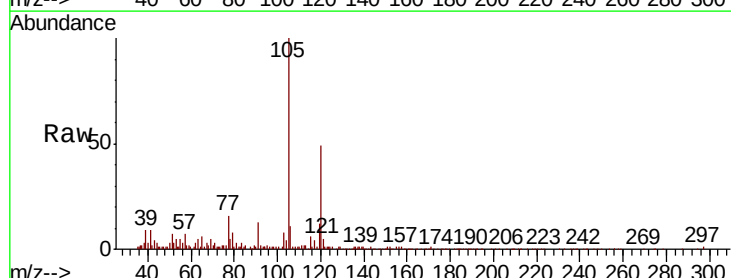
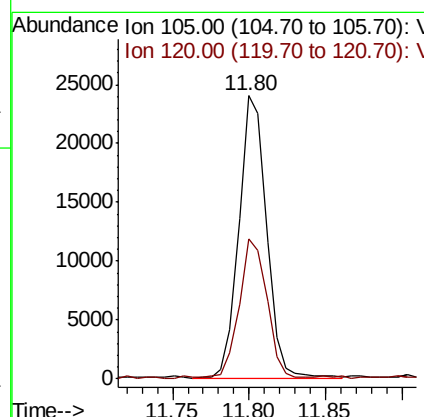
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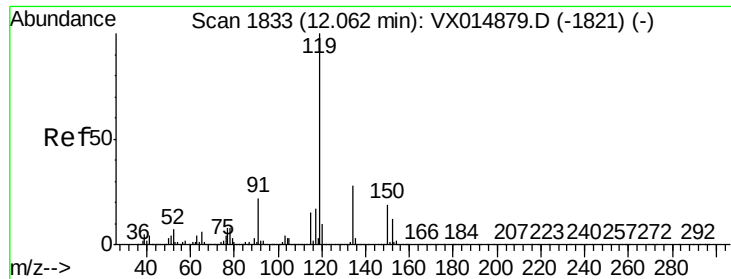
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 2/11/2020 10:35:15 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 1.475 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014895.D
 Acq: 10 Feb 2020 18:01

Tgt Ion:105 Resp: 29871
 Ion Ratio Lower Upper
 105 100
 120 50.3 23.0 69.0





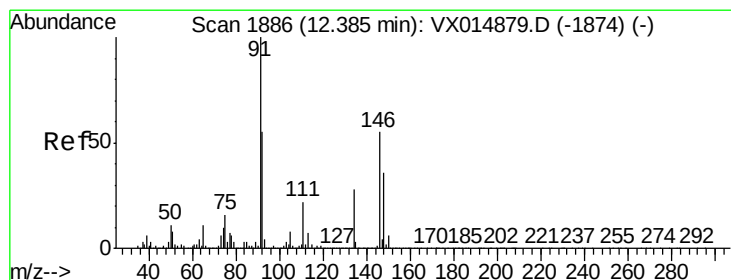
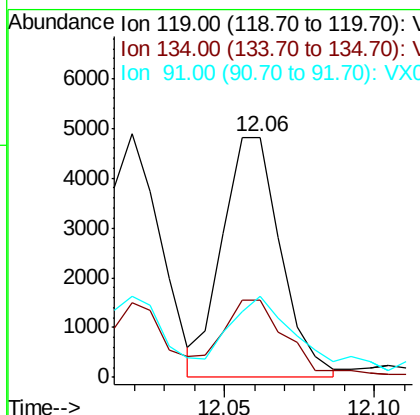
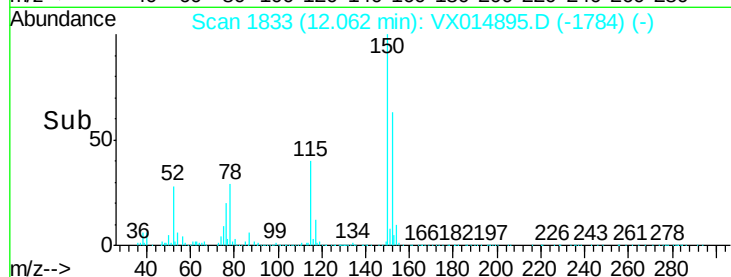
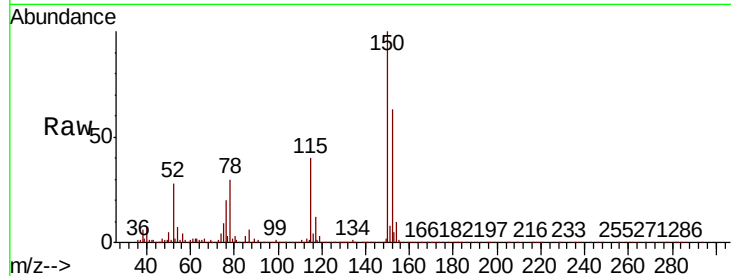
#86
p-Isopropyltoluene
Concen: 0.295 ug/l m
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Lower	Upper
119	100		
134	33.0	13.5	40.5
91	32.2	11.4	34.1

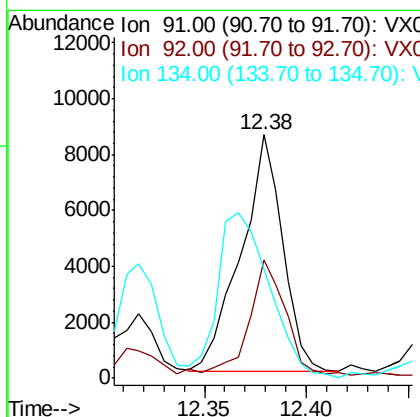
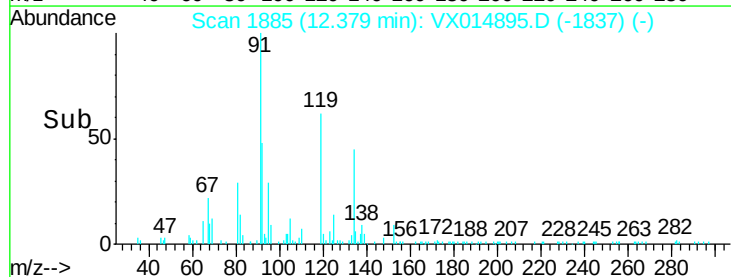
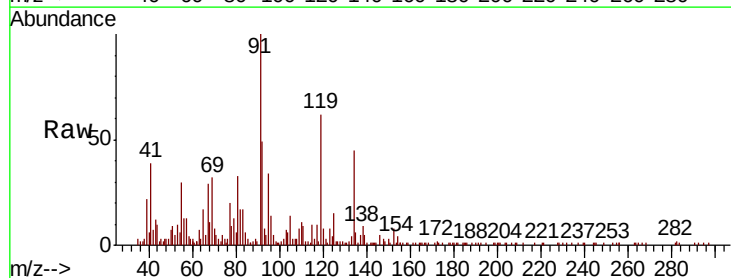
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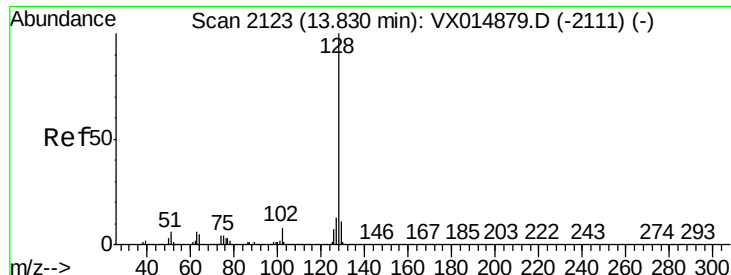
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2/11/2020 10:35:15 AM



#89
n-Butylbenzene
Concen: 0.609 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.8	27.3	81.8
134	86.4	13.8	41.4#





#95
Naphthalene
Concen: 0.696 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014895.D
Acq: 10 Feb 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
OD-COMP

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	22.0	10.4	15.6#
129	14.6	8.6	13.0#

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:15 AM

