

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008320.D
 Acq On : 16 Jan 2019 20:30
 Operator : SY/VA
 Sample : K1167-09
 Misc : 5.90G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CLOVER-YARD-A

Manual Integrations
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MMDadoda
 1/17/2019 11:33:39 AM

Quant Time: Jan 17 06:45:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48924	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	45886	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
50) Toluene-d8	10.32	98	182904	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	62329	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	4.12	43	12239	63.852	ug/l	91
20) Methylene Chloride	4.90	84	10351	8.279	ug/l	93
25) 2-Butanone	7.17	43	3935	16.534	ug/l	96
67) Ethyl Benzene	11.73	91	7176	1.426	ug/l	93
70) Styrene	12.18	104	4636	1.664	ug/l	92
80) 1,3,5-Trimethylbenzene	12.90	105	7085m	1.781	ug/l	

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

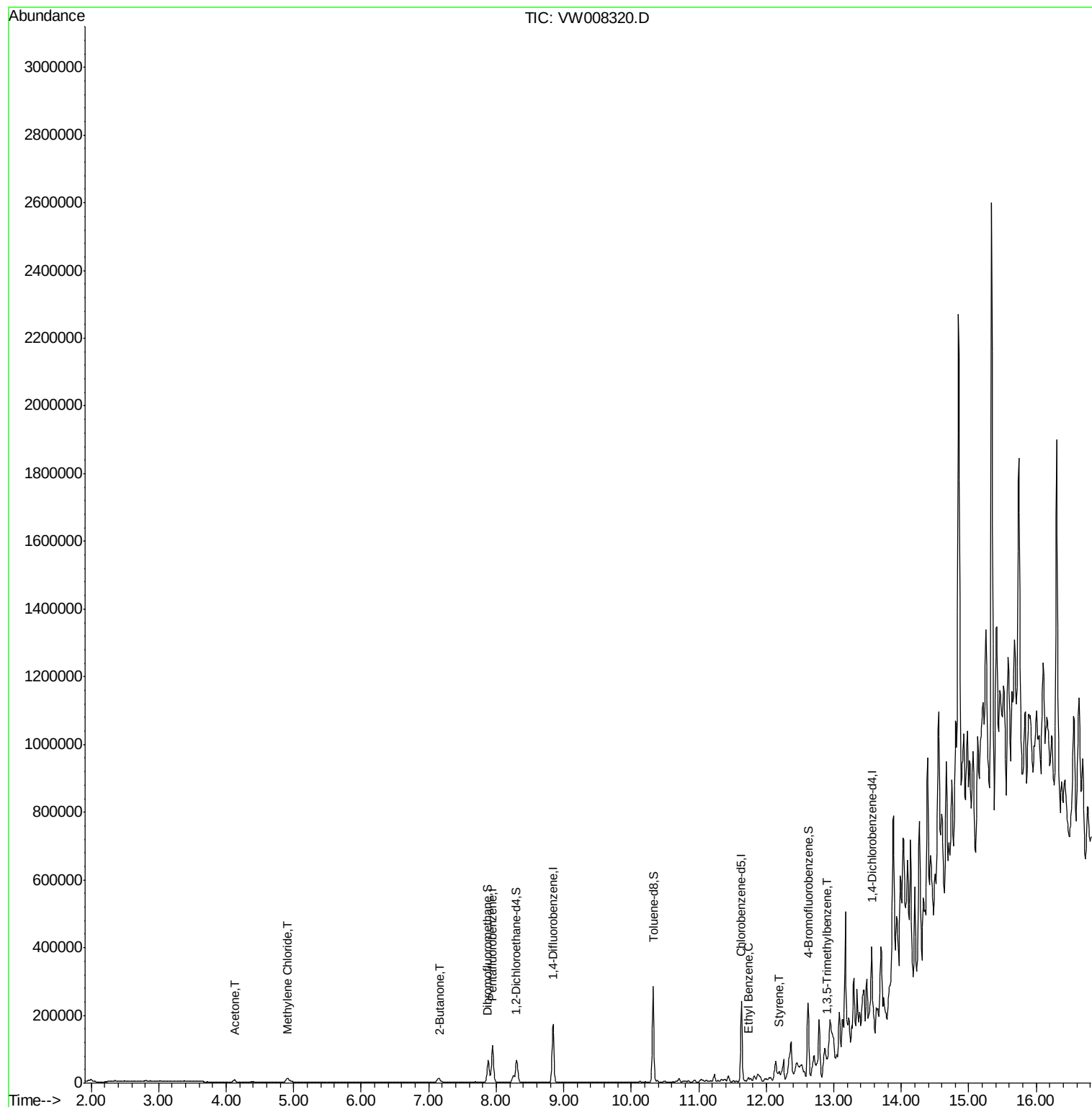
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011619\
Data File : VW008320.D
Acq On : 16 Jan 2019 20:30
Operator : SY/VA
Sample : K1167-09
Misc : 5.90G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

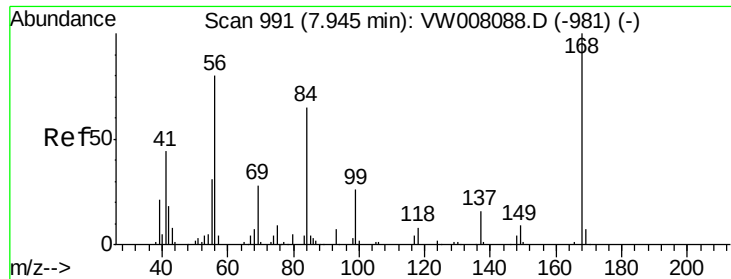
Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-A

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Quant Time: Jan 17 06:45:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008320.D

Acq: 16 Jan 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

CLOVER-YARD-A

Tot Ion:168 Resp: 76108

Ion Ratio Lower Upper

168 100

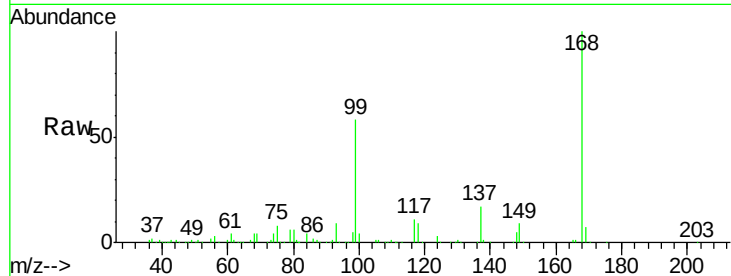
99 58.0 52.6 78.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

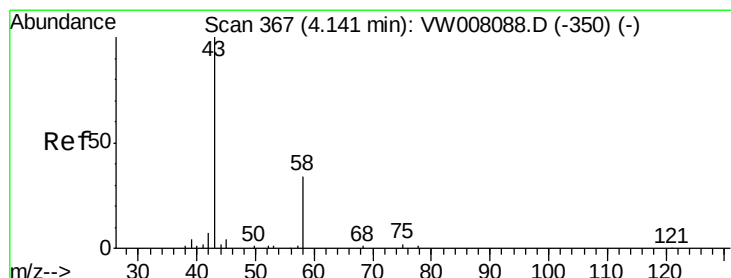
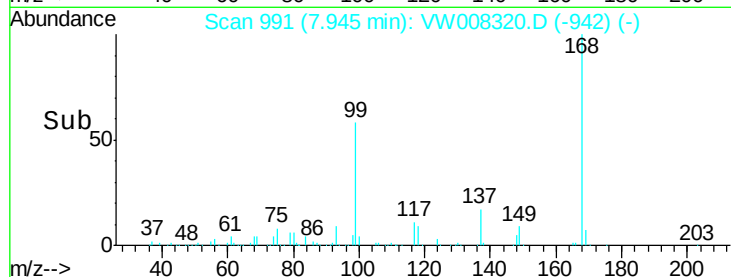
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 63.852 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008320.D

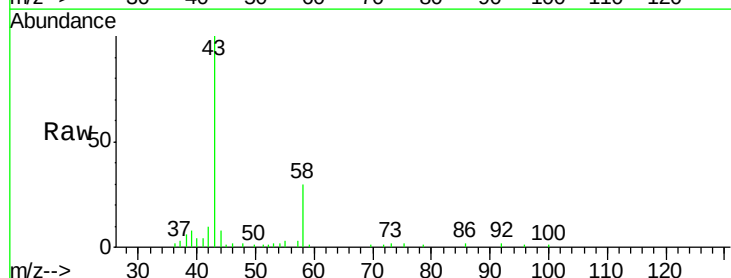
Acq: 16 Jan 2019 20:30

Tgt Ion: 43 Resp: 12239

Ion Ratio Lower Upper

43 100

58 29.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

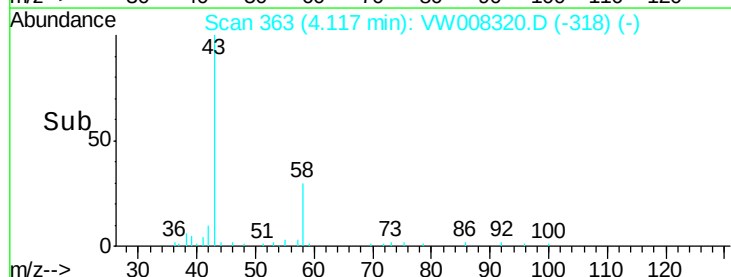
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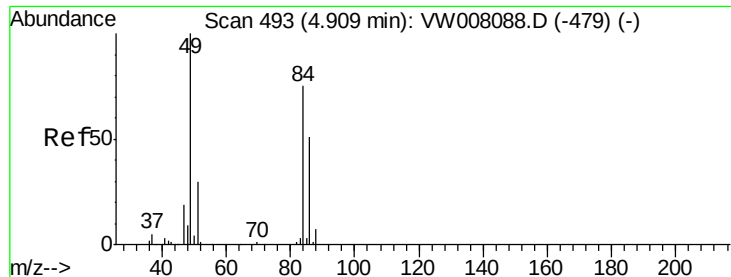
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0

4.00 4.05 4.10 4.15 4.20

Time-->





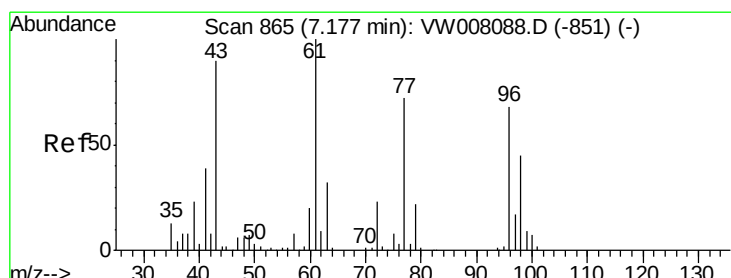
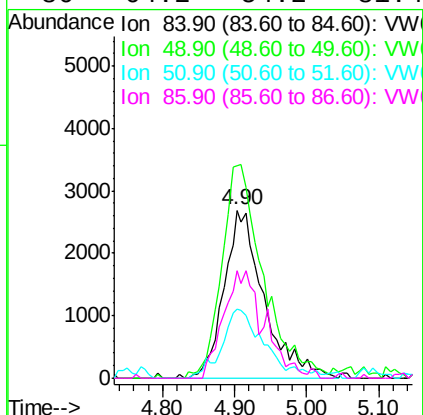
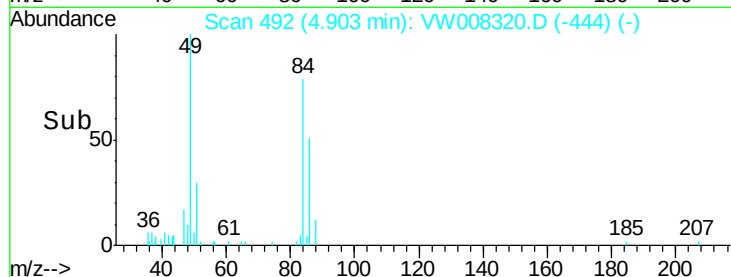
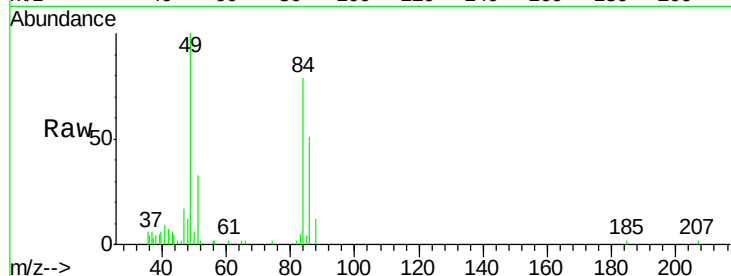
#20
Methylene Chloride
Concen: 8.279 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008320.D
Acq: 16 Jan 2019 20:30

Instrument :
MSVOA_W
ClientSampled :
CLOVER-YARD-A

Tot Ion:	84	Resp:	10351
Ion	Ratio	Lower	Upper
84	100		
49	122.4	107.1	160.7
51	39.3	32.4	48.6
86	64.2	54.2	81.4

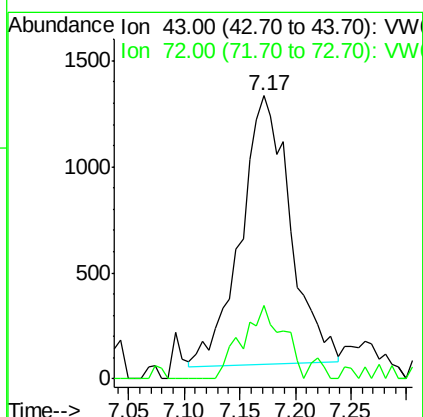
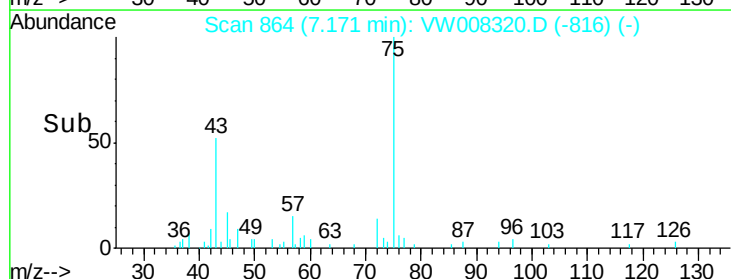
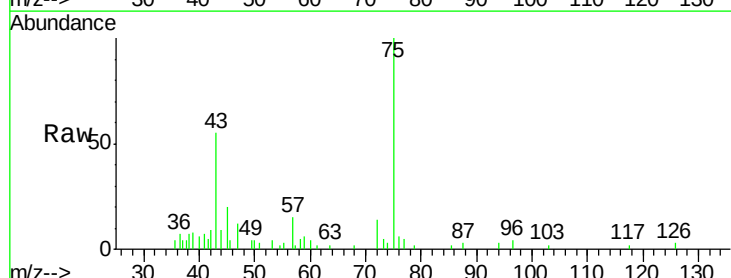
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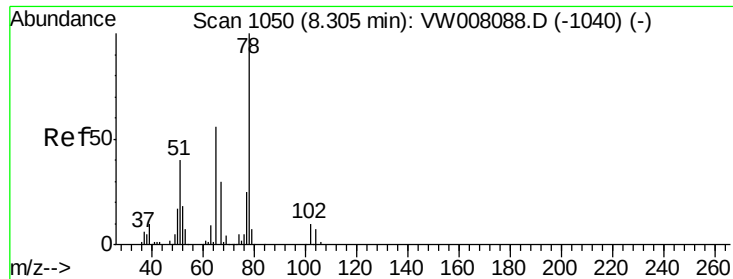
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#25
2-Butanone
Concen: 16.534 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW008320.D
Acq: 16 Jan 2019 20:30

Tgt Ion:	43	Resp:	3935
Ion	Ratio	Lower	Upper
43	100		
72	27.4	20.5	30.7





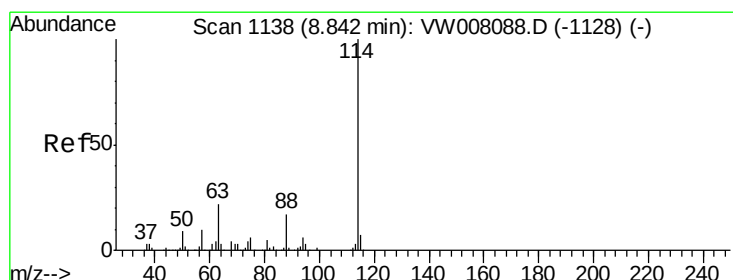
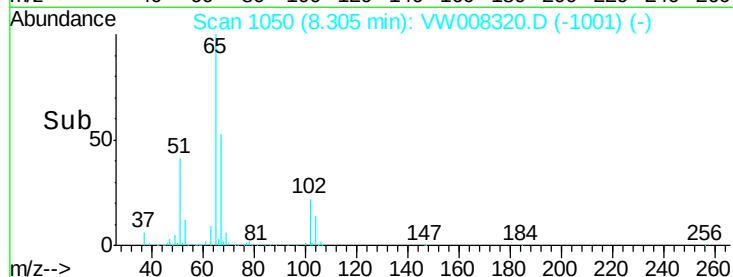
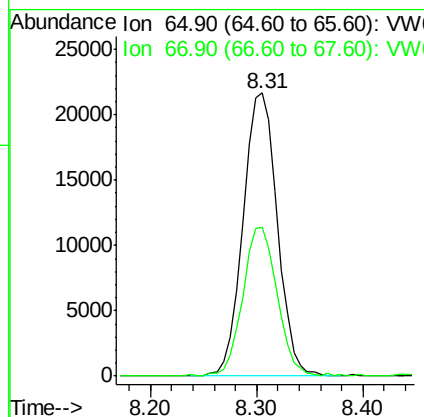
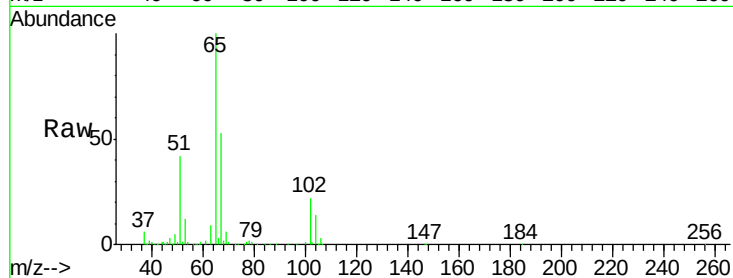
#33
 1,2-Dichloroethane-d4
 Concen: 57.195 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008320.D
 Acq: 16 Jan 2019 20:30

Instrument :
 MSVOA_W
 ClientSampleId :
 CLOVER-YARD-A

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8

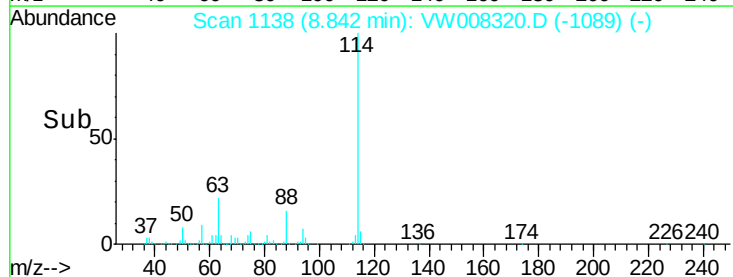
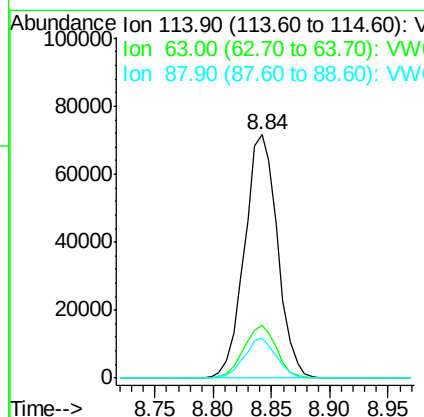
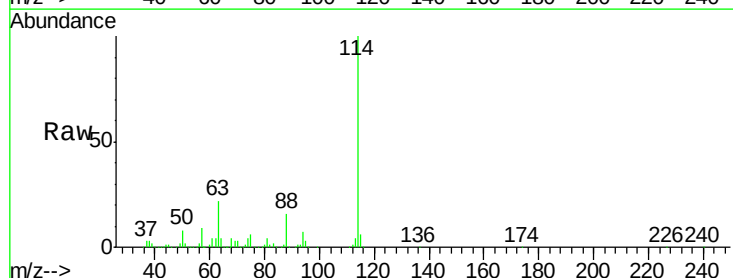
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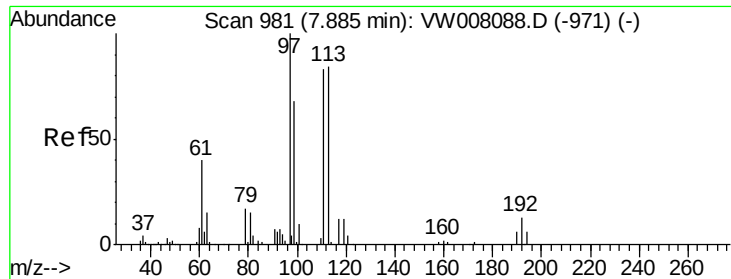
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008320.D
 Acq: 16 Jan 2019 20:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	16.2	0.0	33.4





#35

Dibromofluoromethane

Concen: 55.896 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008320.D

Acq: 16 Jan 2019 20:30

Instrument :

MSVOA_W

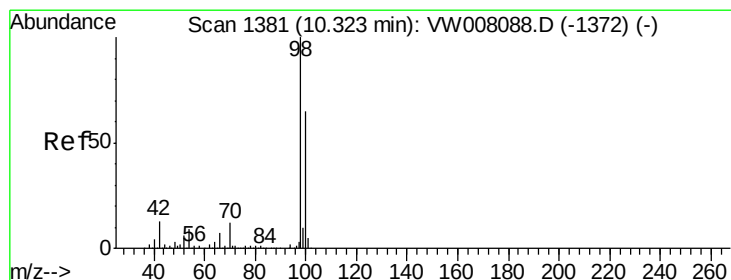
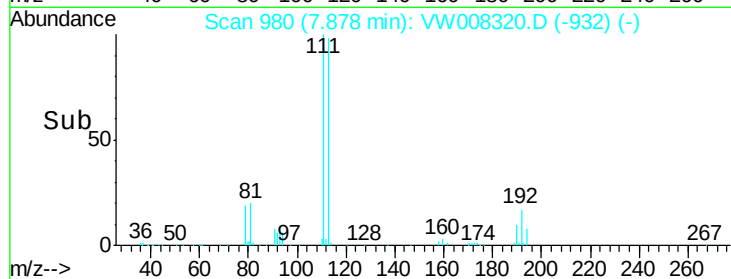
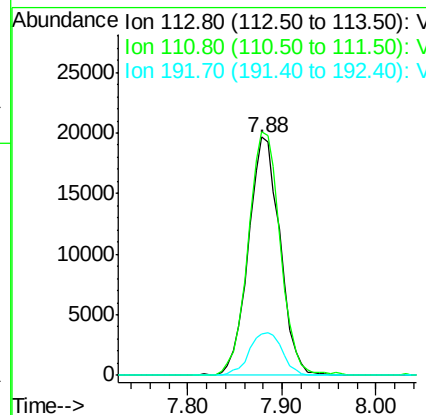
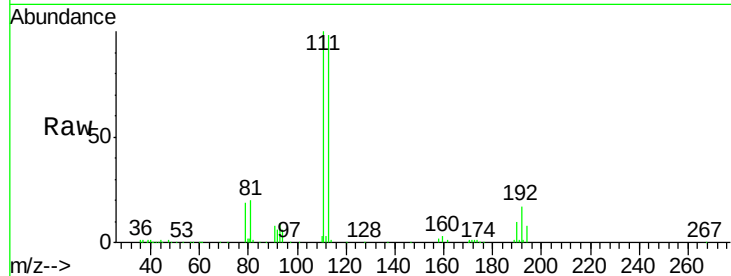
ClientSampleId :

CLOVER-YARD-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
111	103.9	81.8	122.8		
192	18.8	12.8	19.2		

Manual Integrations
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#50

Toluene-d8

Concen: 53.094 ug/l

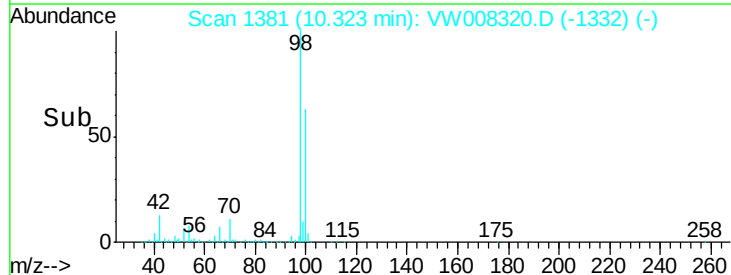
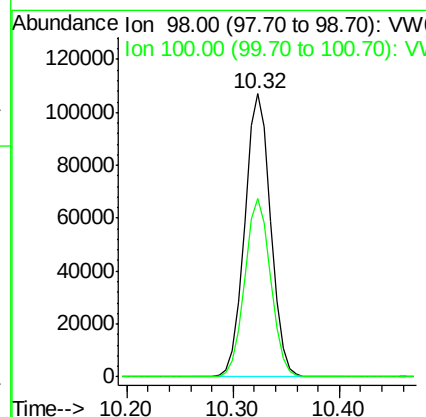
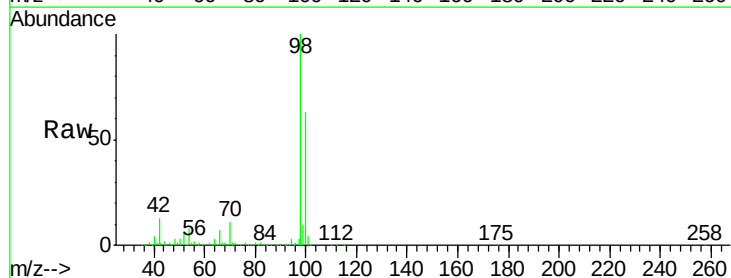
RT: 10.32 min Scan# 1381

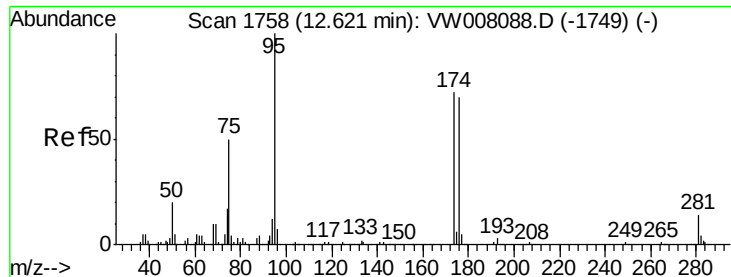
Delta R.T. -0.00 min

Lab File: VW008320.D

Acq: 16 Jan 2019 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100				
100	62.9	51.7	77.5		





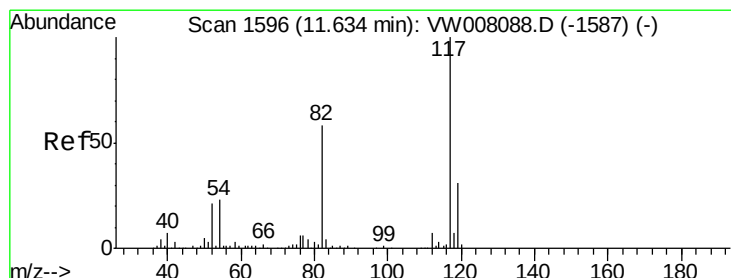
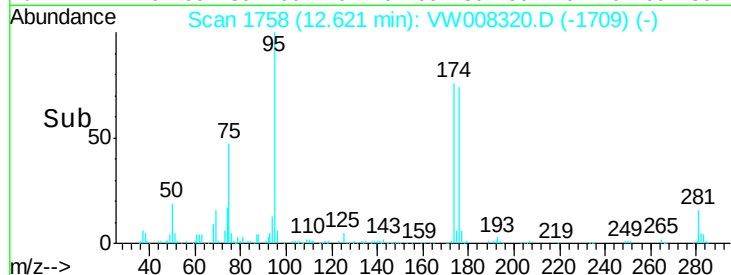
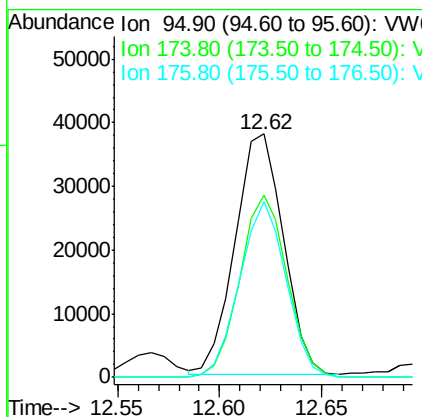
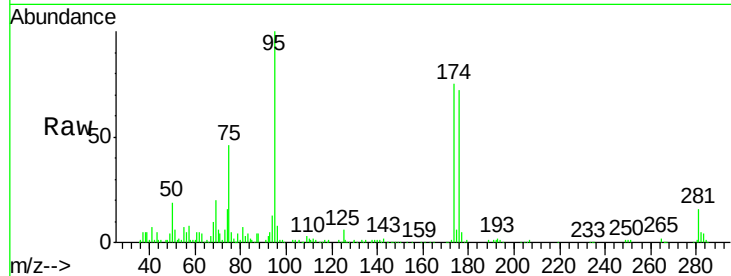
#62
4-Bromofluorobenzene
Concen: 50.470 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008320.D
Acq: 16 Jan 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
CLOVER-YARD-A

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	143.0
176	70.1	0.0	140.2

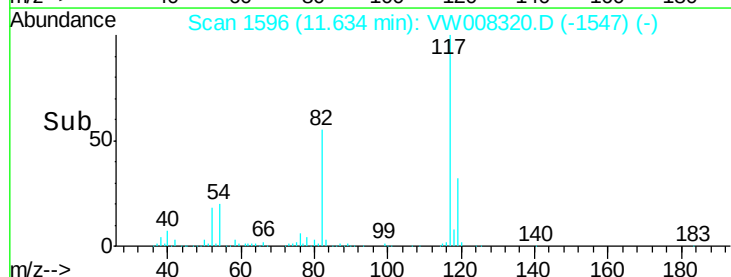
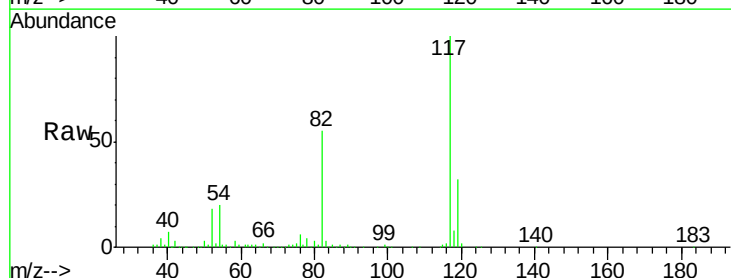
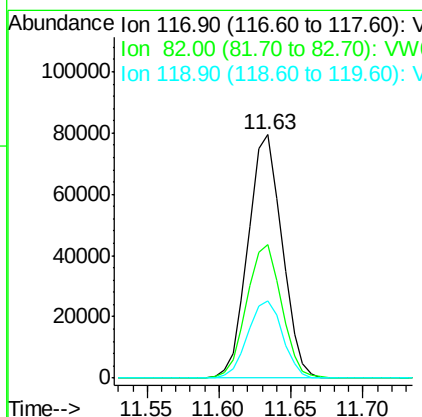
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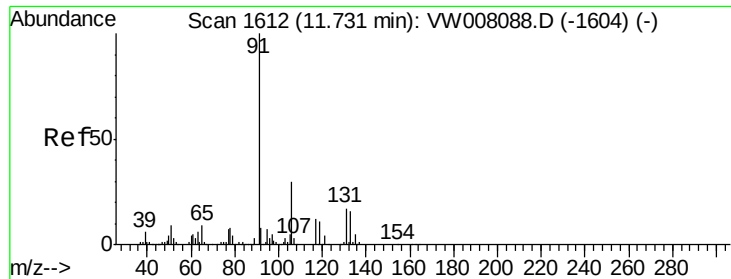
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008320.D
Acq: 16 Jan 2019 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.4	69.6
119	31.7	24.7	37.1





#67

Ethyl Benzene

Concen: 1.426 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008320.D

Acq: 16 Jan 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

CLOVER-YARD-A

Tot Ion: 91 Resp: 7176

Ion Ratio Lower Upper

91 100

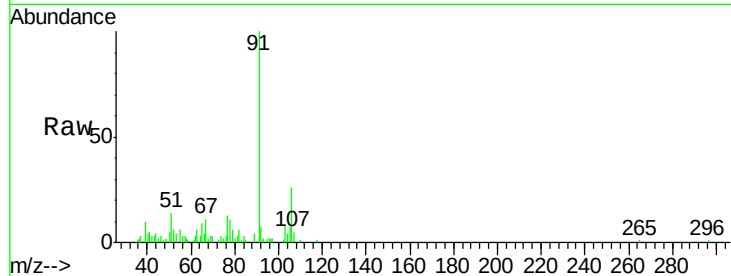
106 26.3 24.2 36.4

Manual Integrations

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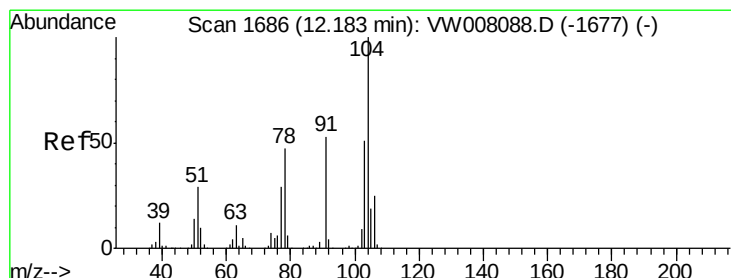
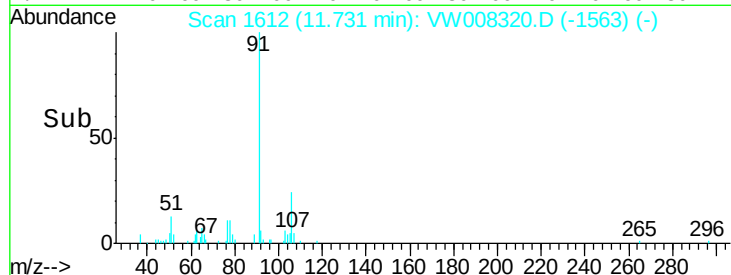
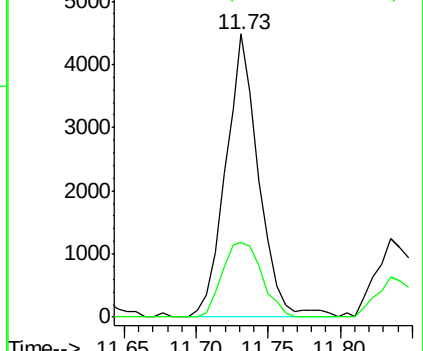
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 1.664 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW008320.D

Acq: 16 Jan 2019 20:30

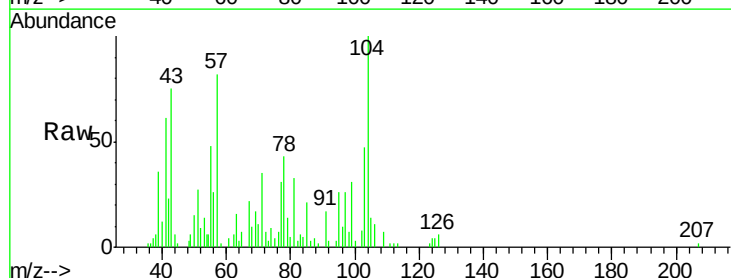
Tgt Ion: 104 Resp: 4636

Ion Ratio Lower Upper

104 100

78 48.1 41.8 62.8

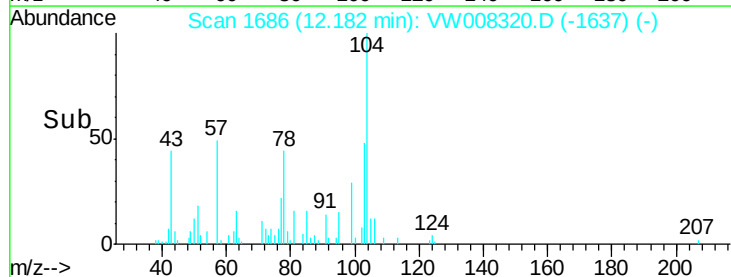
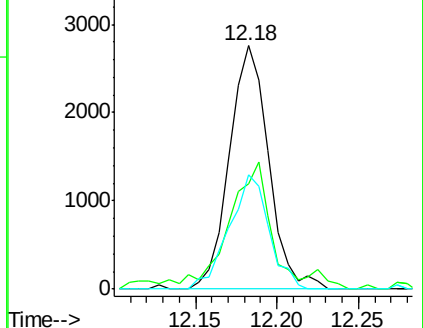
103 47.6 43.8 65.8

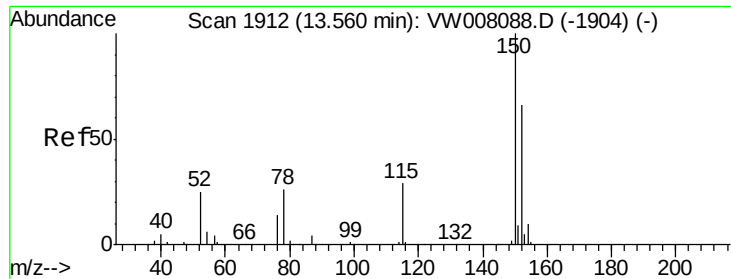


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





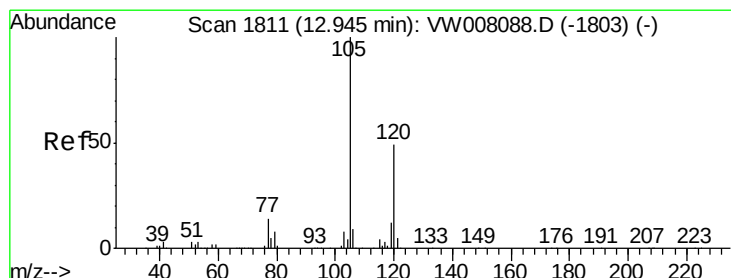
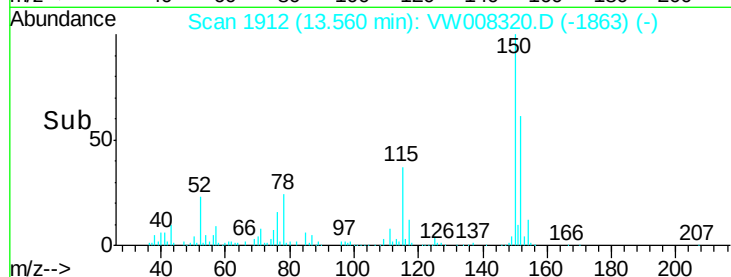
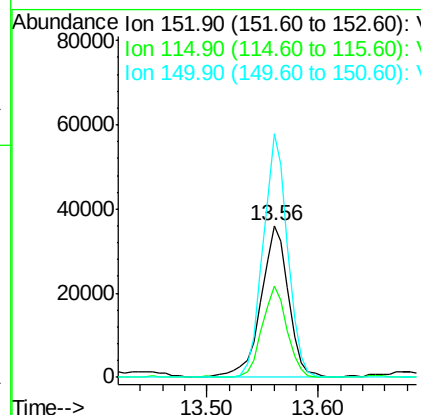
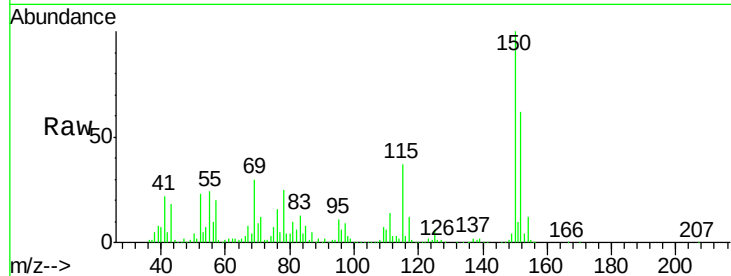
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008320.D
 Acq: 16 Jan 2019 20:30

Instrument :
 MSVOA_W
 ClientSampleId :
 CLOVER-YARD-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	30.8	92.4
150	143.6	0.0	350.2

Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 1.781 ug/l m
 RT: 12.90 min Scan# 1804
 Delta R.T. -0.04 min
 Lab File: VW008320.D
 Acq: 16 Jan 2019 20:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	18.3	24.7	74.1#

