

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013491.D
 Acq On : 08 Oct 2019 17:12
 Operator : SY/VA
 Sample : K5213-08RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Manual Integrations
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 10/9/2019 4:10:18 PM

Quant Time: Oct 09 06:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	17287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	23357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	5326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6830	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.88	113	7279	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	10.33	98	25792	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.62	95	6084	33.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.08%	
Target Compounds						
16) Acetone	4.12	43	2273m	73.133	ug/l	
17) Carbon Disulfide	4.40	76	3842	9.123	ug/l	96
20) Methylene Chloride	4.92	84	1895m	9.323	ug/l	
27) cis-1,2-Dichloroethene	7.17	96	10430	61.827	ug/l	95
44) Trichloroethene	9.11	130	1801	10.704	ug/l	40
64) Tetrachloroethene	10.86	164	6028	49.035	ug/l	92
85) sec-Butylbenzene	13.38	105	3603	9.263	ug/l	86

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

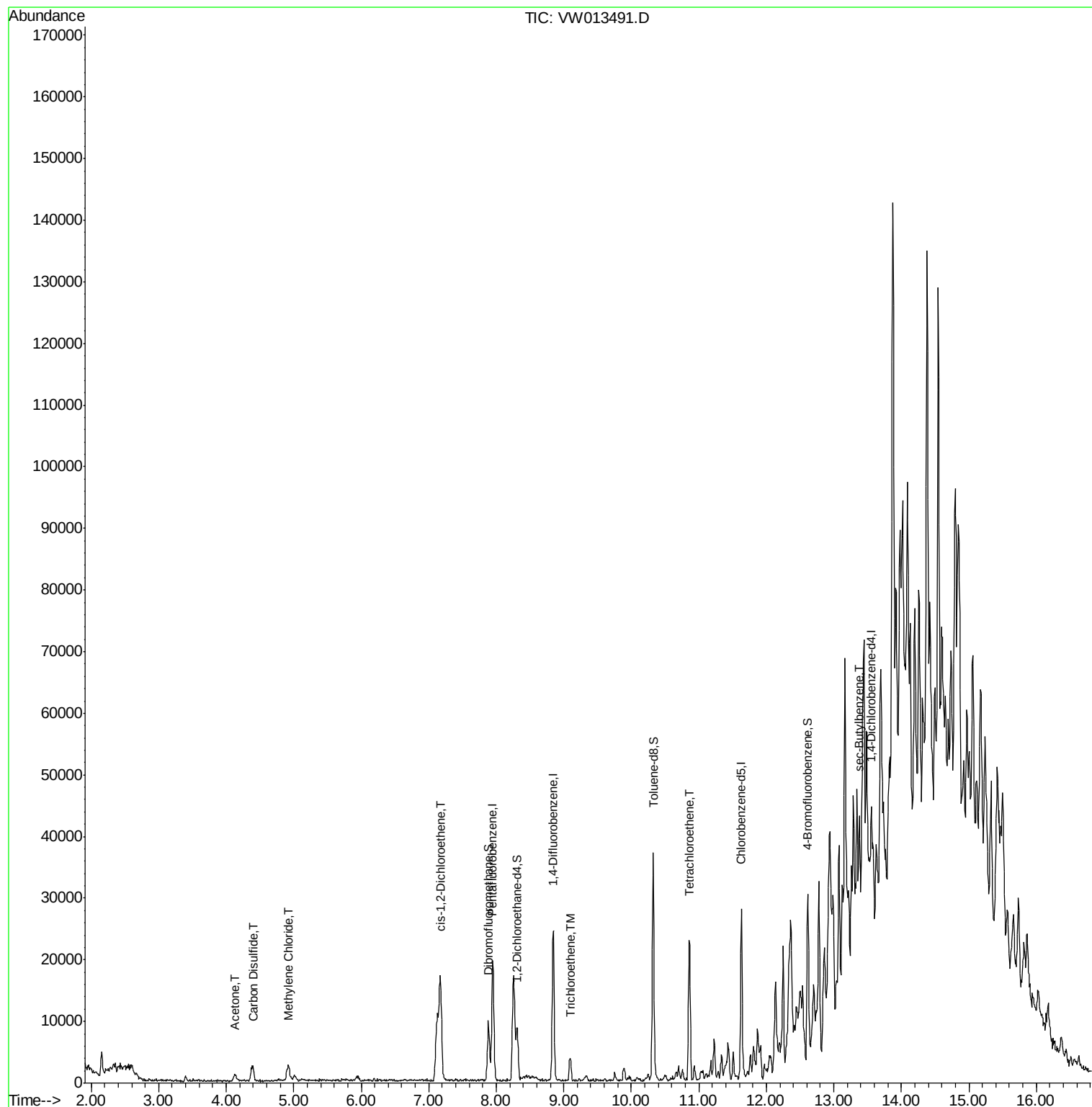
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013491.D
Acq On : 08 Oct 2019 17:12
Operator : SY/VA
Sample : K5213-08RE
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

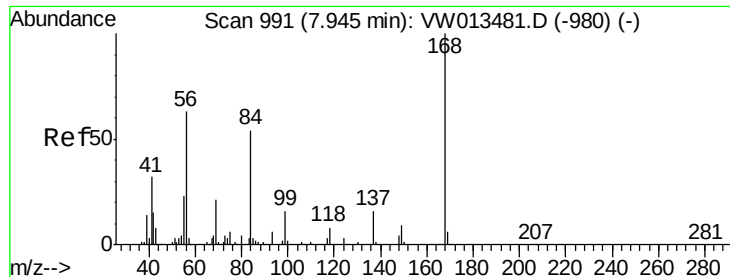
Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)RE

Manual Integrations
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Quant Time: Oct 09 06:35:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

S-4(5-10)RE

Tot Ion:168 Resp: 17287

Ion Ratio Lower Upper

168 100

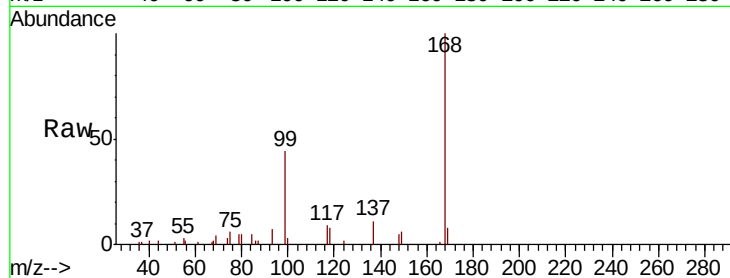
99 43.6 38.3 57.5

Manual Integrations

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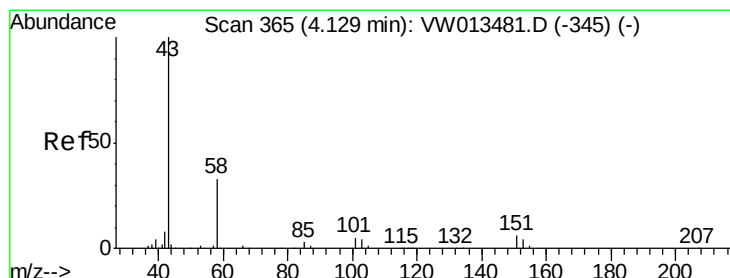
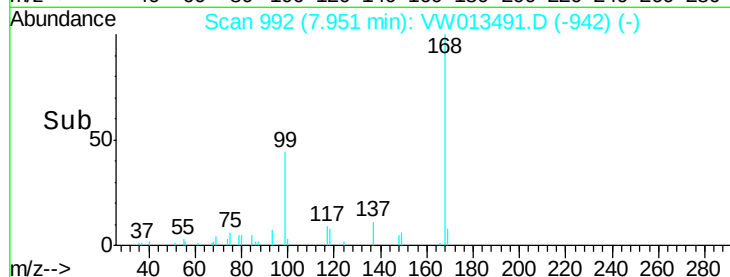
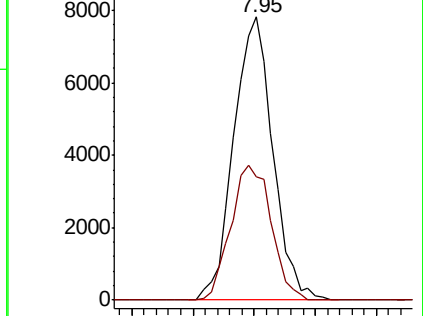
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 73.133 ug/l m

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013491.D

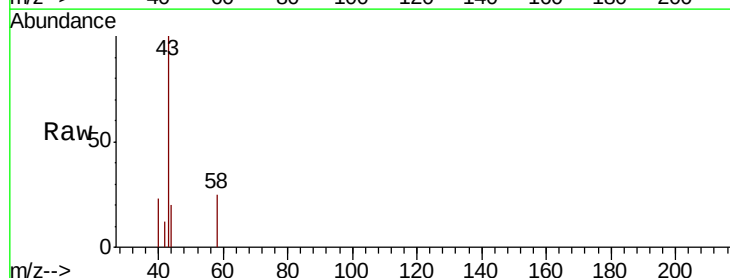
Acq: 08 Oct 2019 17:12

Tgt Ion: 43 Resp: 2273

Ion Ratio Lower Upper

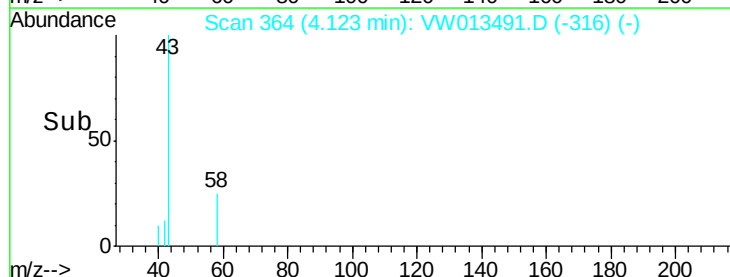
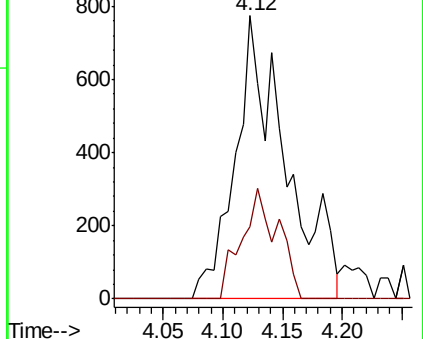
43 100

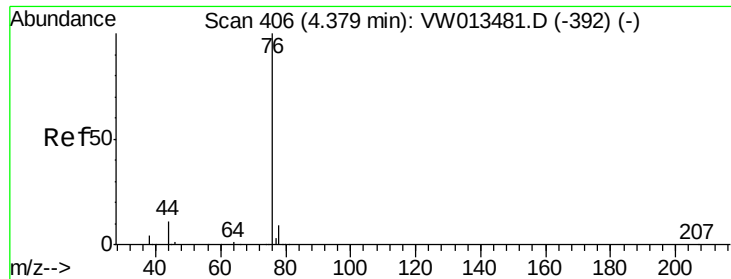
58 25.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





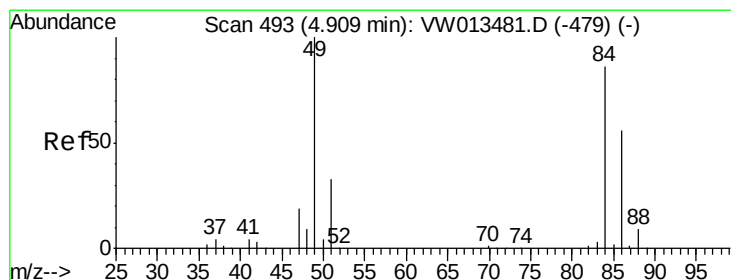
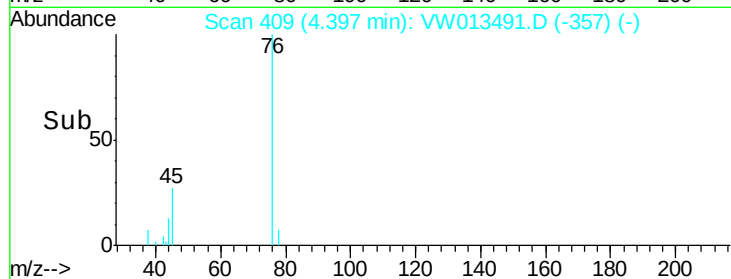
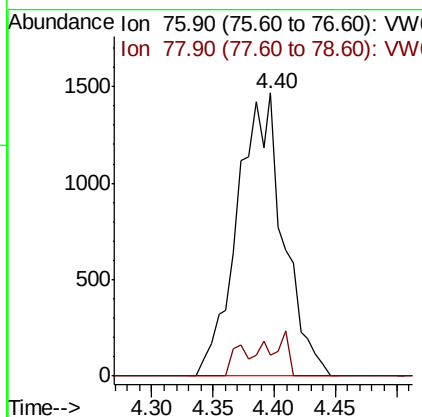
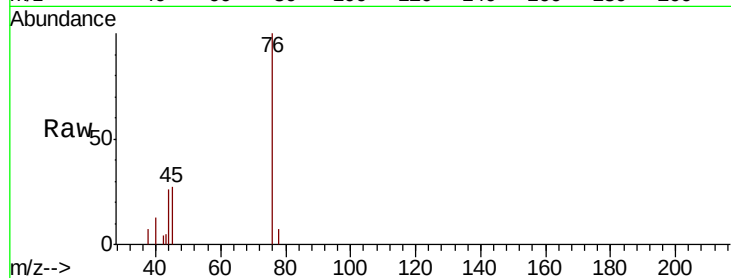
#17
Carbon Disulfide
Concen: 9.123 ug/l
RT: 4.40 min Scan# 409
Delta R.T. 0.02 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)RE

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.1	10.7

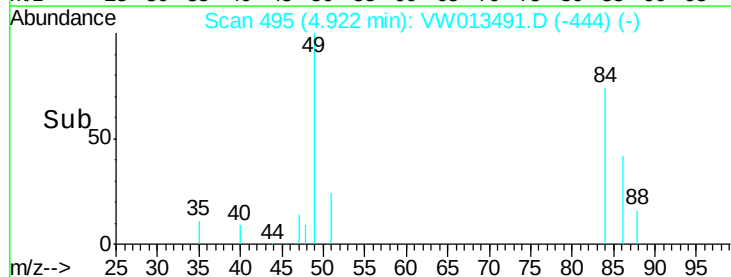
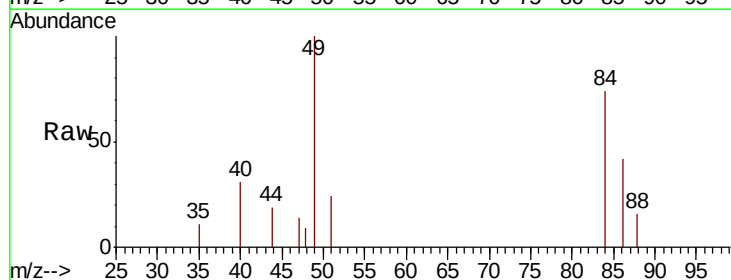
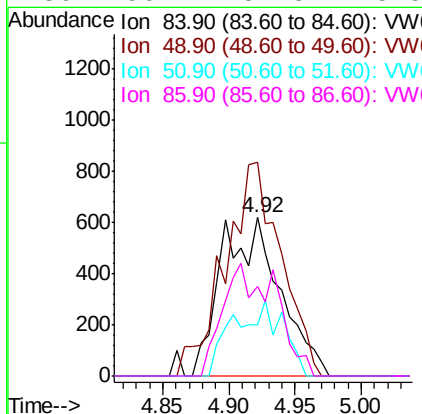
Manual Integrations
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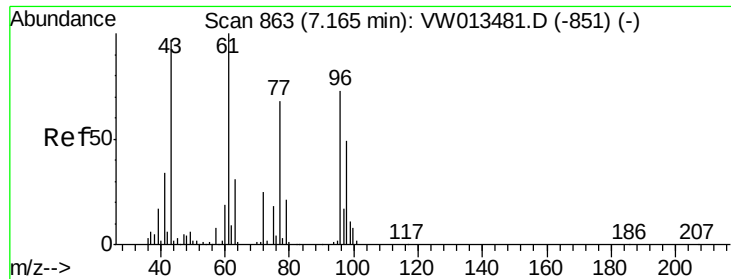
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#20
Methylene Chloride
Concen: 9.323 ug/l m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.7	93.4	140.0
51	32.1	30.6	46.0
86	56.1	52.3	78.5





#27

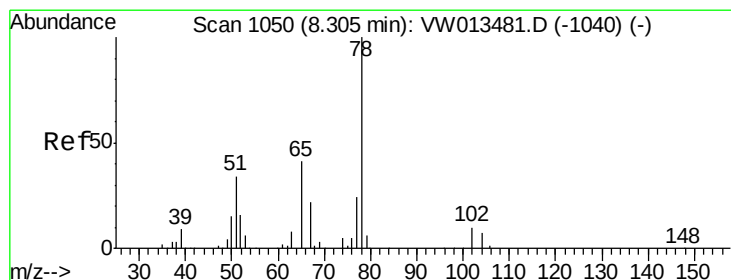
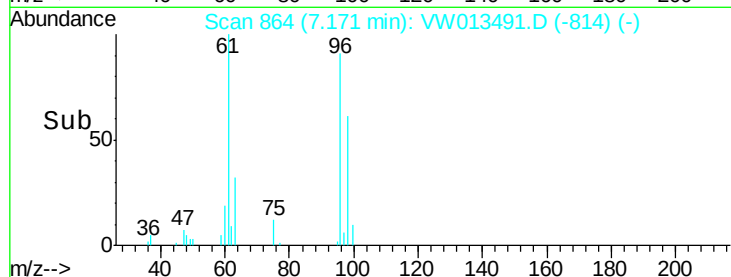
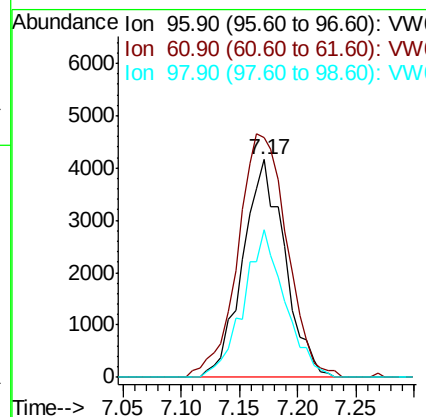
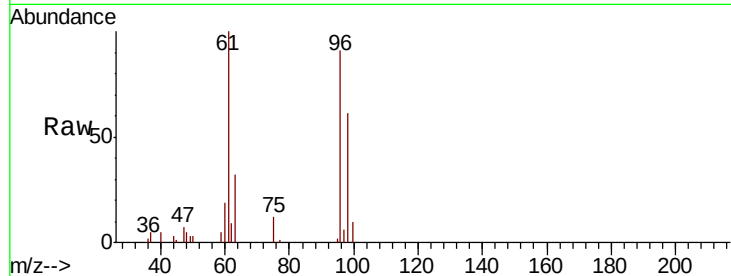
cis-1,2-Dichloroethene
 Concen: 61.827 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.5	0.0	274.4	
98	66.9	0.0	130.2	

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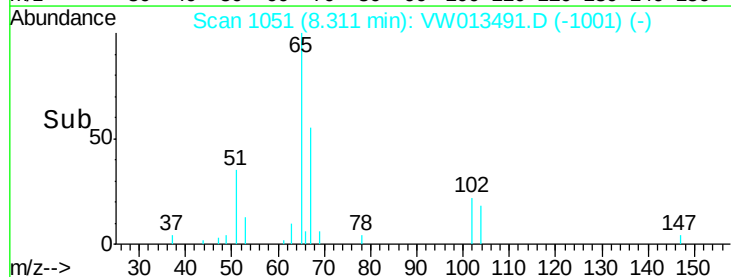
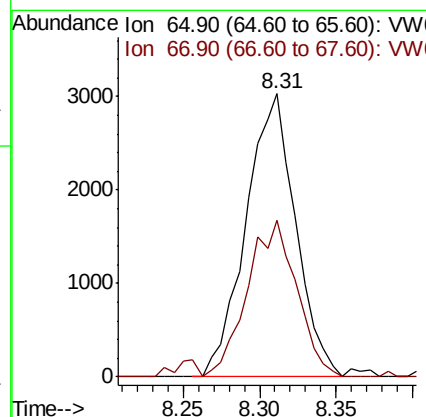
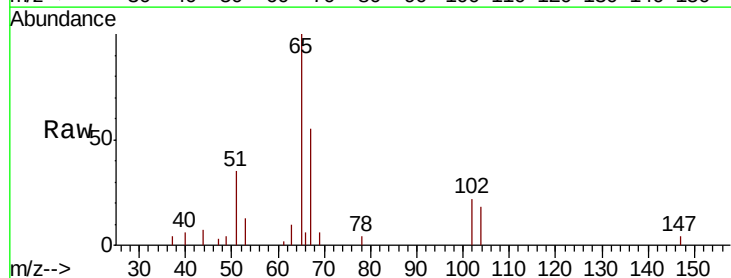
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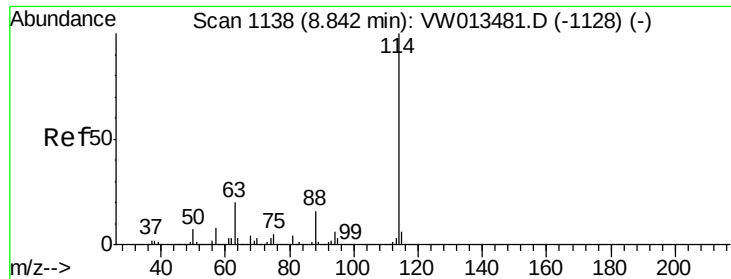


#33

1,2-Dichloroethane-d4
 Concen: 51.138 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	109.4	





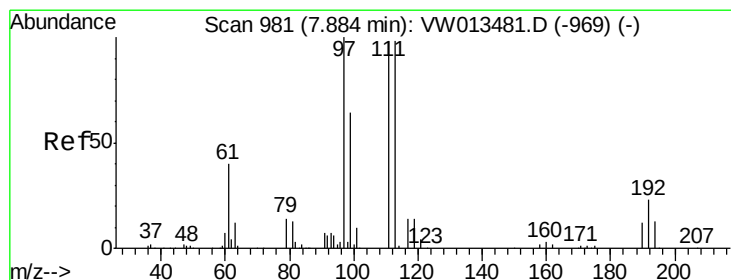
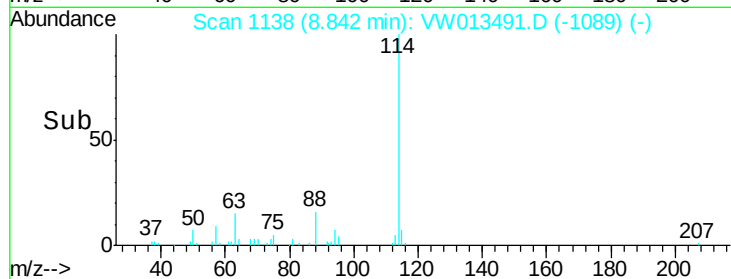
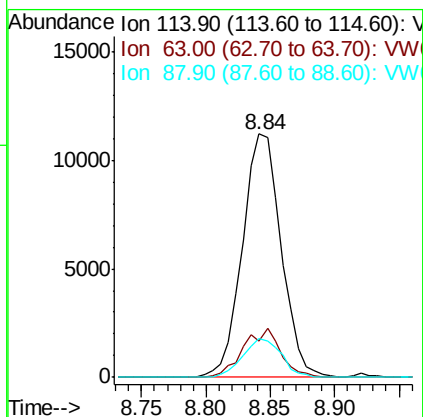
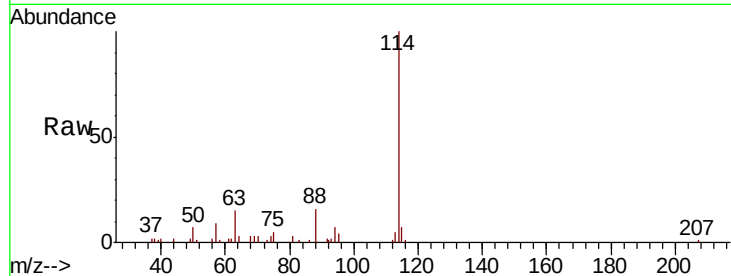
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Tot Ion:	114	Resp:	23357
Ion Ratio	Lower	Upper	
114	100		
63	14.8	0.0	40.4
88	15.8	0.0	31.4

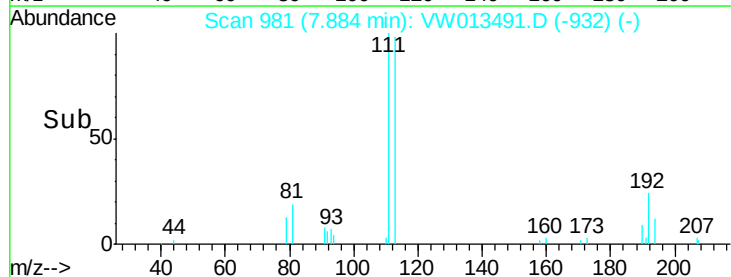
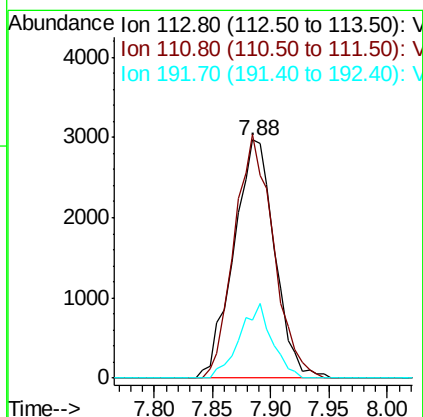
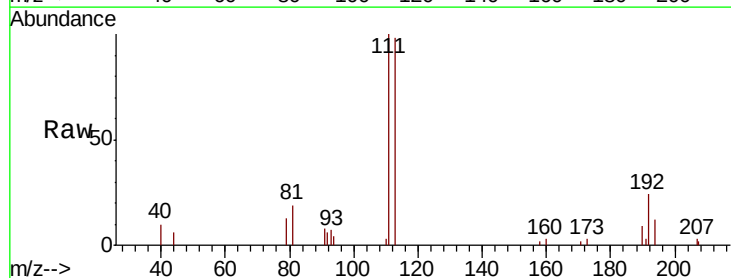
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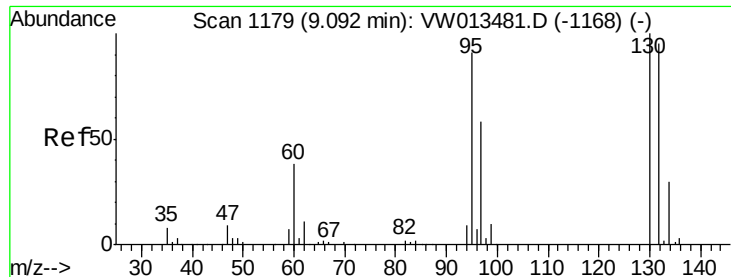
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#35
 Dibromofluoromethane
 Concen: 55.798 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion:	113	Resp:	7279
Ion Ratio	Lower	Upper	
113	100		
111	97.6	82.3	123.5
192	24.9	19.3	28.9





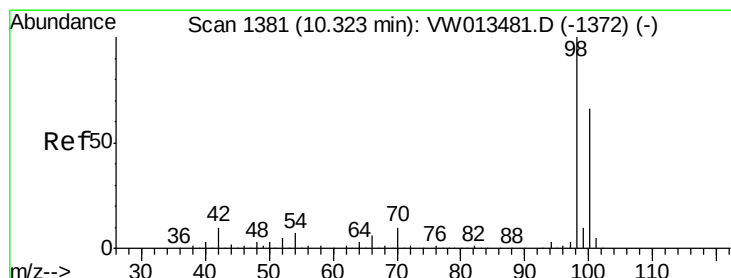
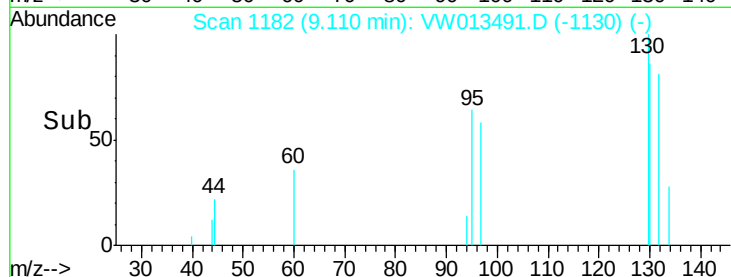
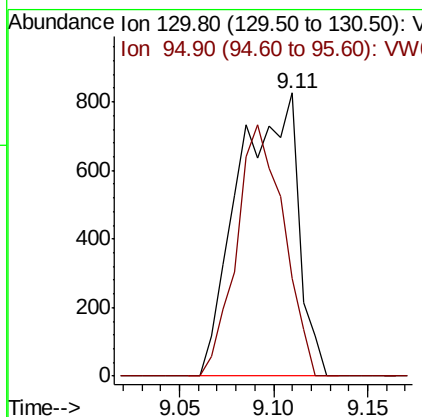
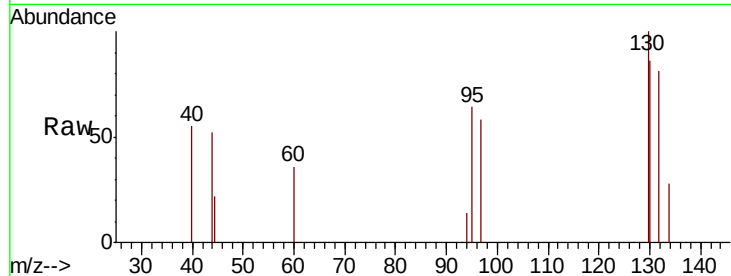
#44
 Trichloroethene
 Concen: 10.704 ug/l
 RT: 9.11 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Tot Ion:130 Resp: 1801
 Ion Ratio Lower Upper
 130 100
 95 34.4 0.0 182.2

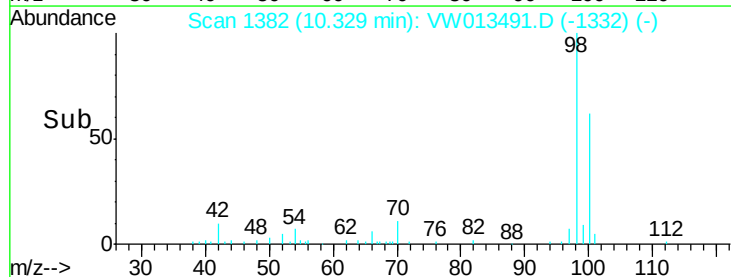
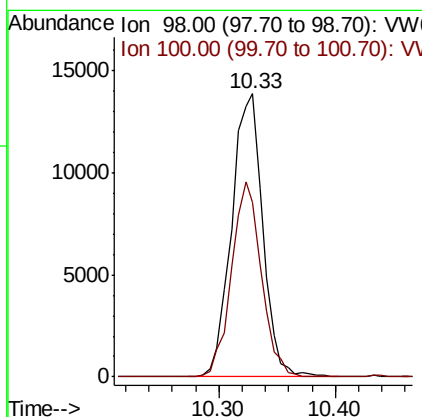
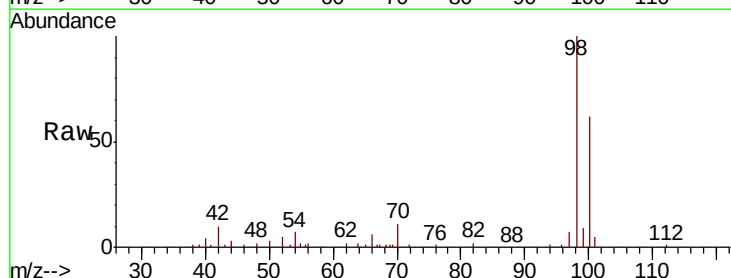
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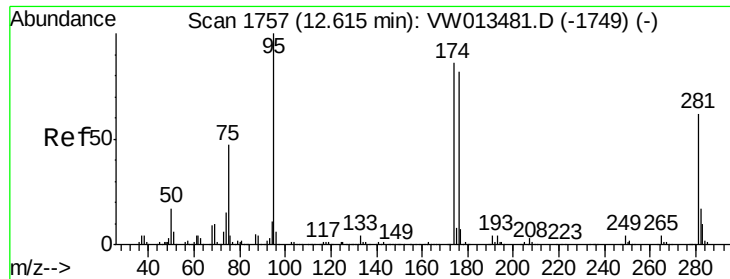
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#50
 Toluene-d8
 Concen: 47.047 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 98 Resp: 25792
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.2 79.8





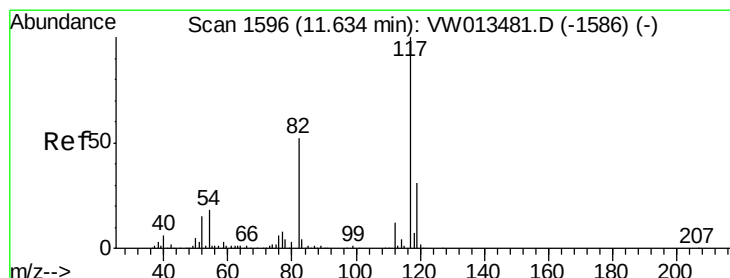
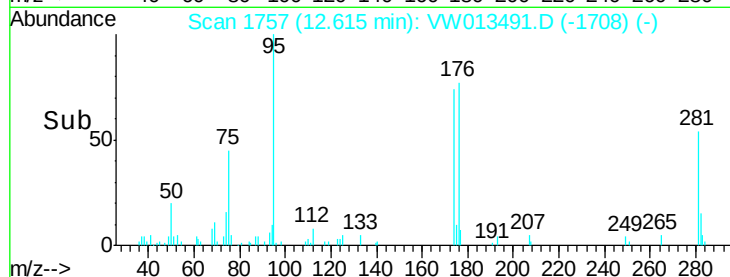
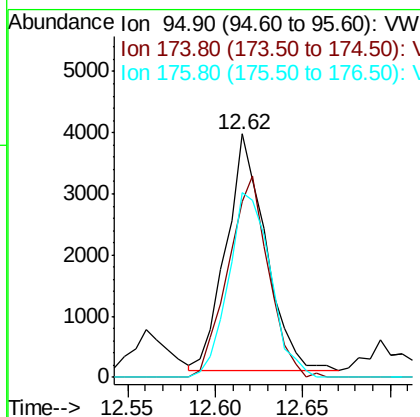
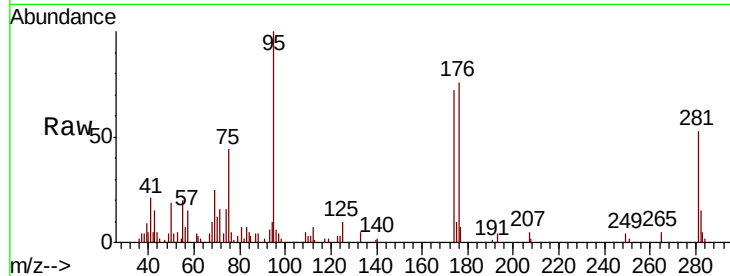
#62
 4-Bromofluorobenzene
 Concen: 33.035 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	177.4
176	82.7	0.0	173.4

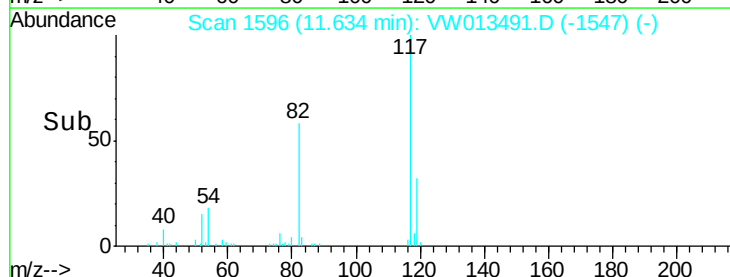
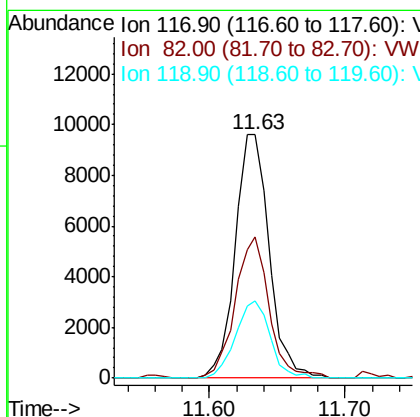
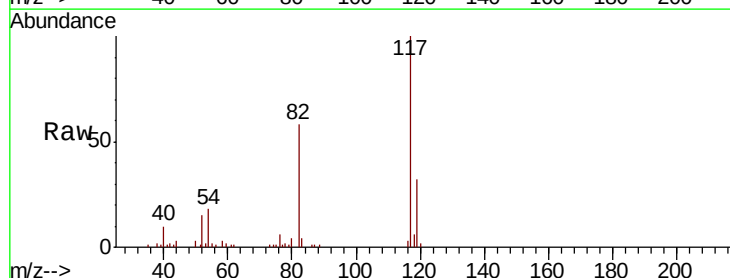
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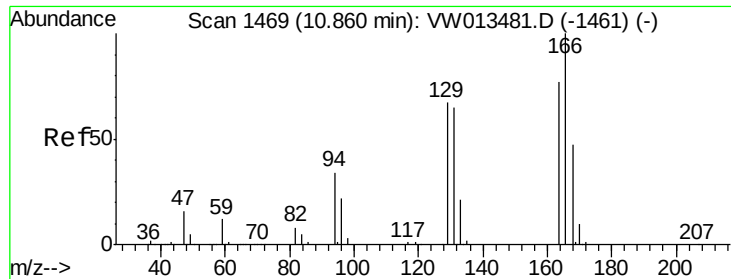
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.8	41.4	62.2
119	31.9	25.1	37.7





#64

Tetrachloroethene

Concen: 49.035 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

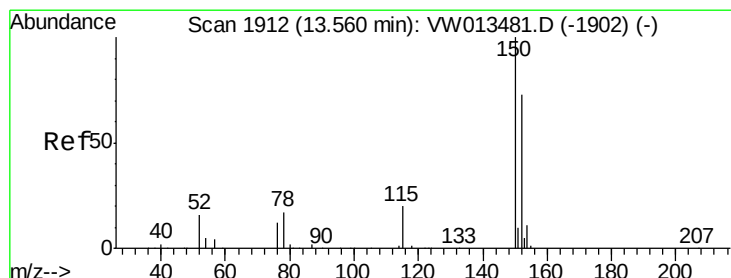
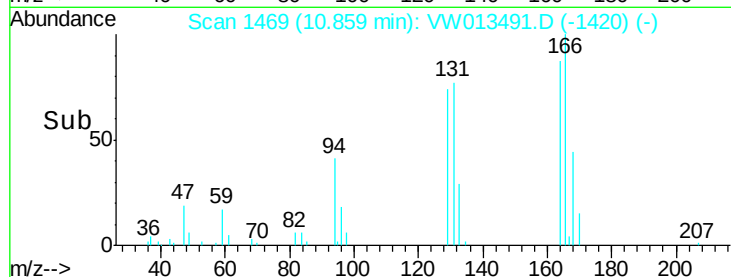
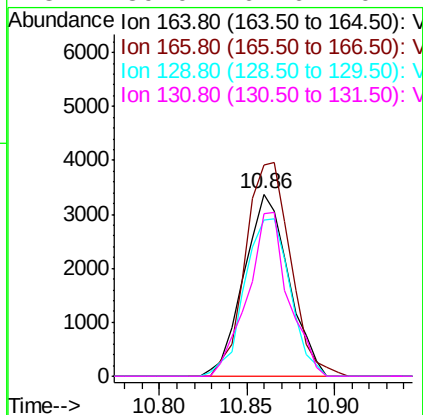
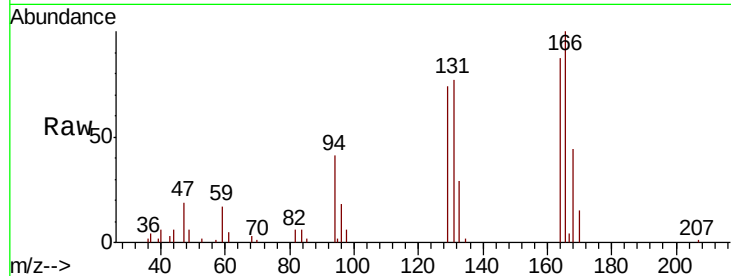
ClientSampleId :

S-4(5-10)RE

Tot Ion	164	Resp	6028
Ion	Ratio	Lower	Upper
164	100		
166	115.6	104.6	156.8
129	85.8	70.2	105.2
131	89.0	67.6	101.4

Manual Integrations
APPROVED

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

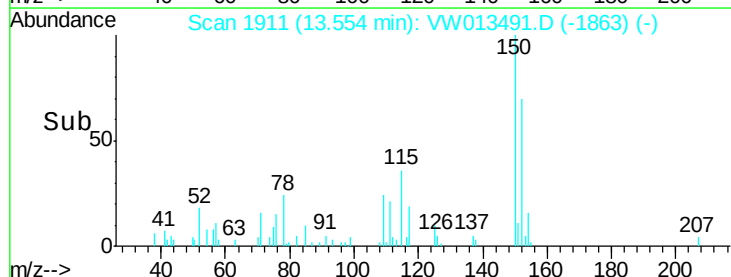
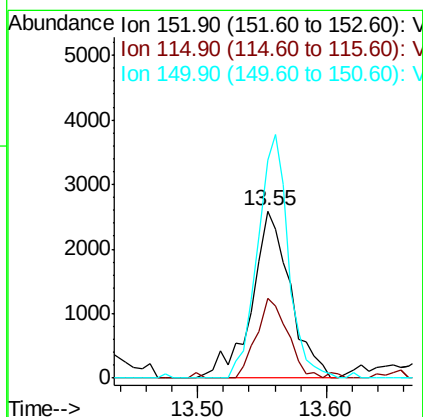
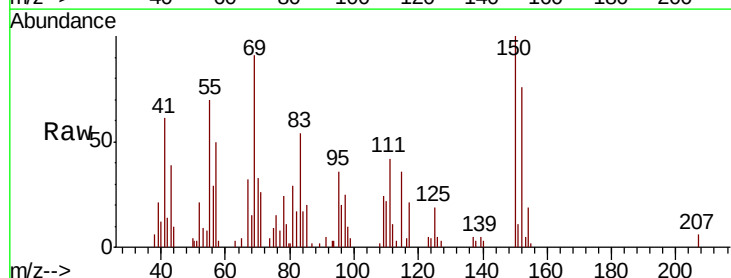
RT: 13.55 min Scan# 1911

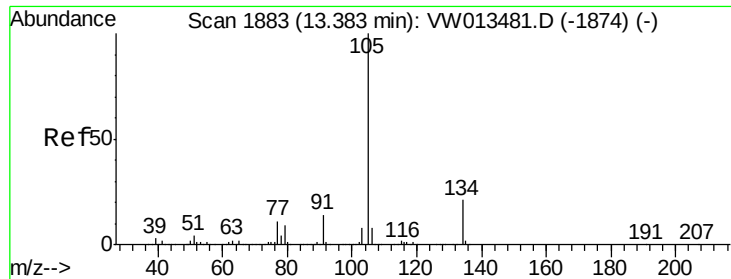
Delta R.T. -0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Tgt Ion	152	Resp	5326
Ion	Ratio	Lower	Upper
152	100		
115	39.0	27.0	81.0
150	116.3	0.0	337.4





#85
 sec-Butylbenzene
 Concen: 9.263 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)RE

Tot Ion	Ratio	Lower	Upper
105	100		
134	27.3	10.4	31.4

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:10:18 PM

