

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006863.D
 Acq On : 13 Nov 2018 19:01
 Operator : SY/AP
 Sample : J5895-04
 Misc : 9.38G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Manual Integrations
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Quant Time: Nov 14 06:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	125545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22379	32.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.06%	
35) Dibromofluoromethane	7.89	113	23788	31.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.64%	
50) Toluene-d8	10.33	98	113767	36.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.44%	
62) 4-Bromofluorobenzene	12.62	95	43156	37.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	3120	31.575	ug/l #	84
20) Methylene Chloride	4.92	84	5644	1.201	ug/l	90
39) Methylcyclohexane	9.34	83	21324	13.990	ug/l	96
67) Ethyl Benzene	11.74	91	27561	6.328	ug/l	99
68) m/p-Xylenes	11.85	106	8997	5.048	ug/l	100
73) Isopropylbenzene	12.47	105	15474	3.719	ug/l	95
78) n-propylbenzene	12.81	91	66749	13.594	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	37014	10.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	131199	36.048	ug/l	100
85) sec-Butylbenzene	13.39	105	9185	2.050	ug/l #	38
86) p-Isopropyltoluene	13.51	119	5977	1.467	ug/l	94
89) n-Butylbenzene	13.83	91	24297m	6.525	ug/l	
95) Naphthalene	15.38	128	38003	18.079	ug/l	98

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

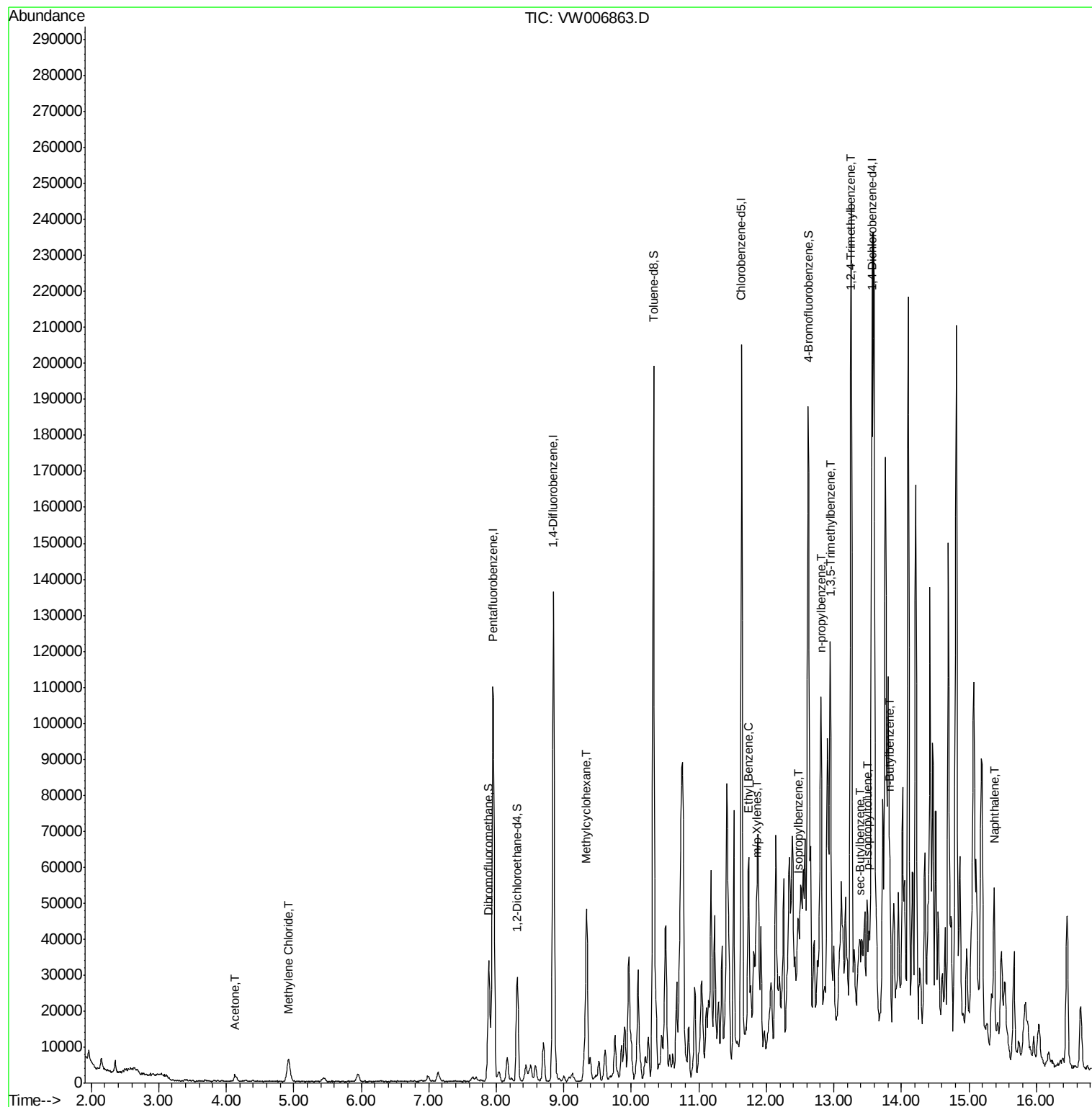
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006863.D
Acq On : 13 Nov 2018 19:01
Operator : SY/AP
Sample : J5895-04
Misc : 9.38G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

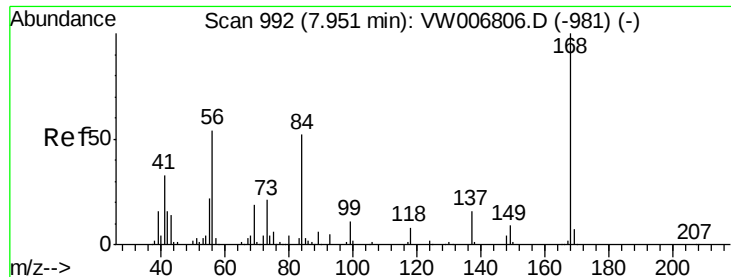
Instrument :
MSVOA_W
ClientSampleId :
SB-3

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Quant Time: Nov 14 06:42:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

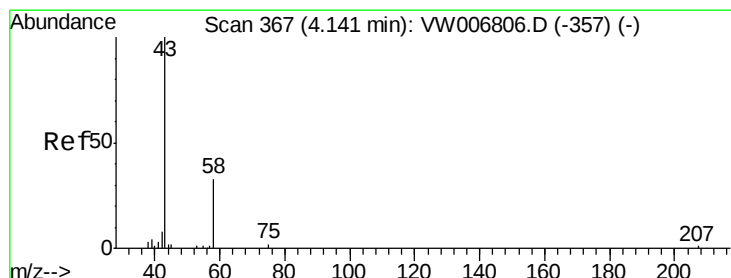
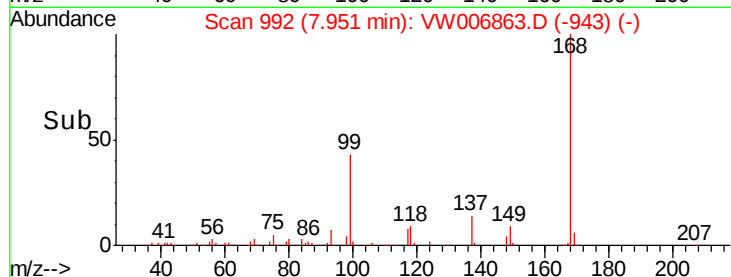
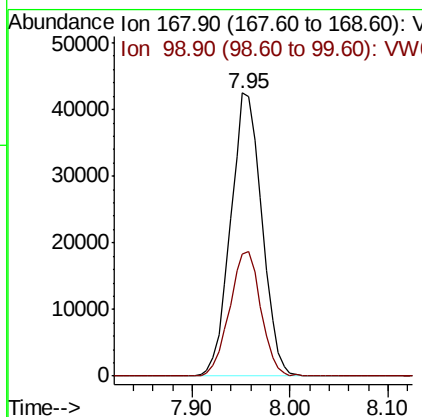
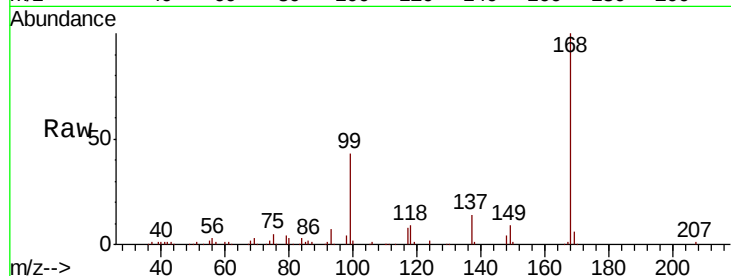
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3

Tot Ion	Ratio	Lower	Upper
168	100		
99	43.0	37.3	55.9

Manual Integrations
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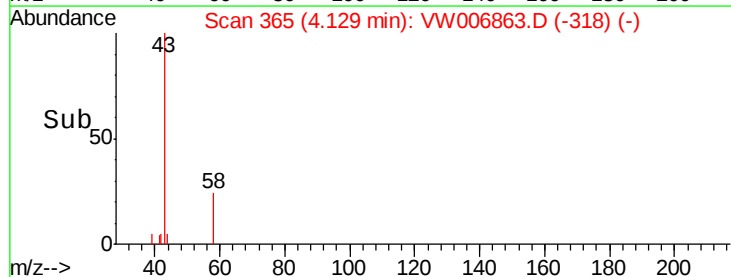
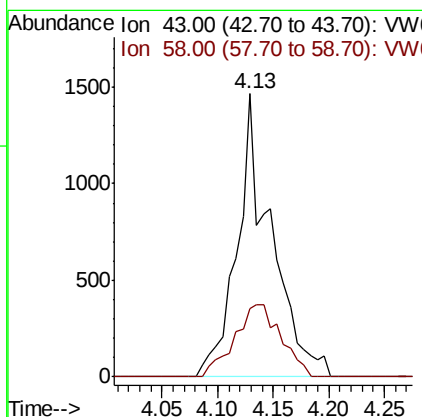
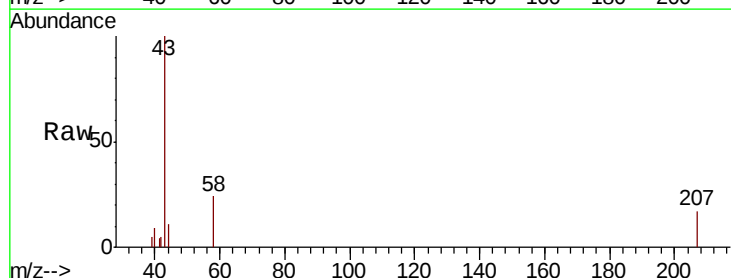
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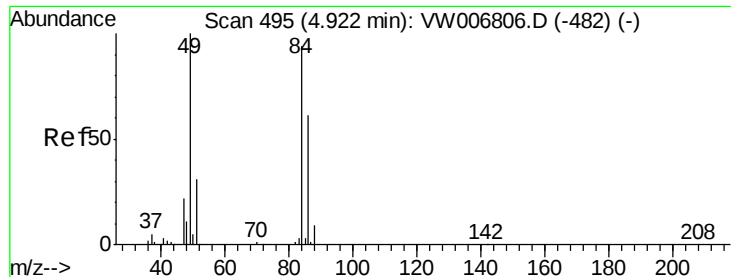


#16

Acetone
 Concen: 31.575 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.2	26.5	39.7#





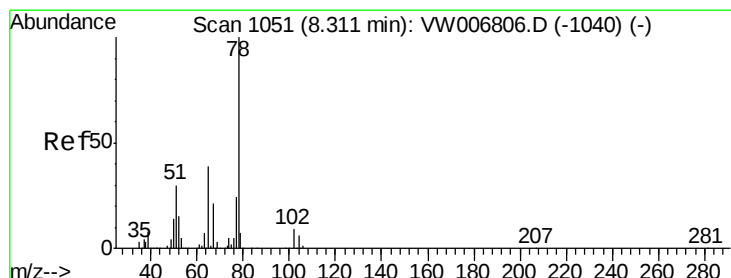
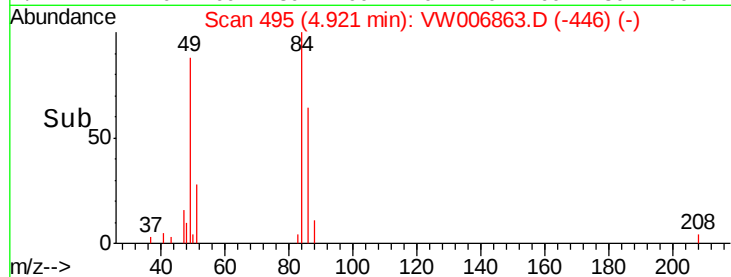
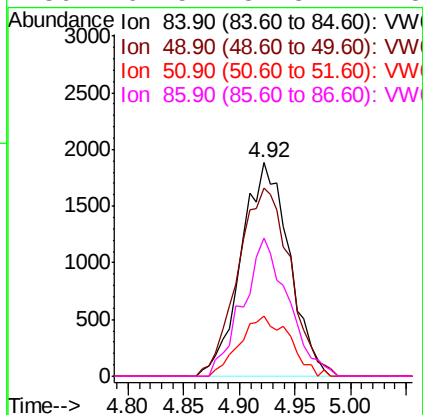
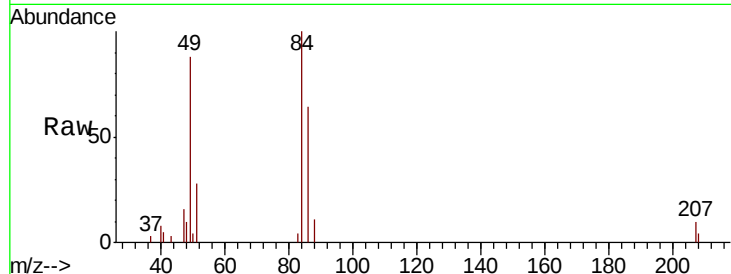
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Methvlene Chloride
Concen: 1.201 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
84	100		
49	88.2	84.8	127.2
51	28.2	26.2	39.4
86	64.5	51.8	77.8

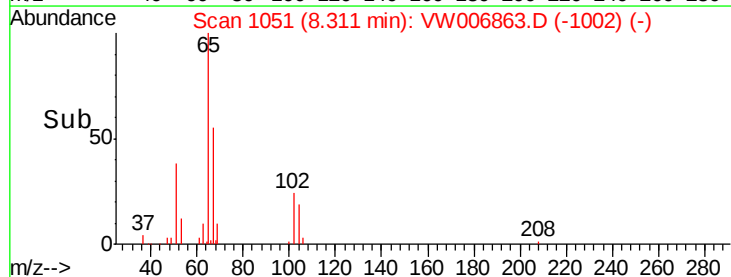
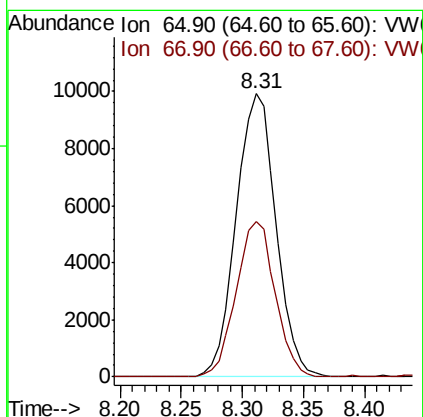
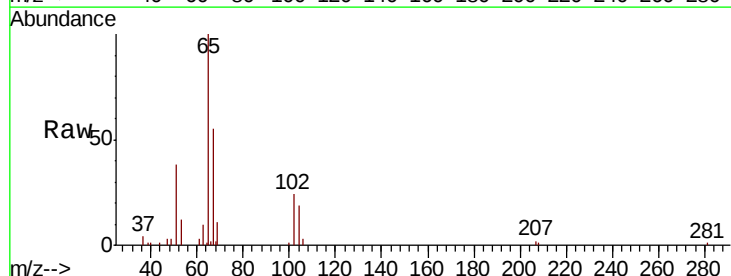
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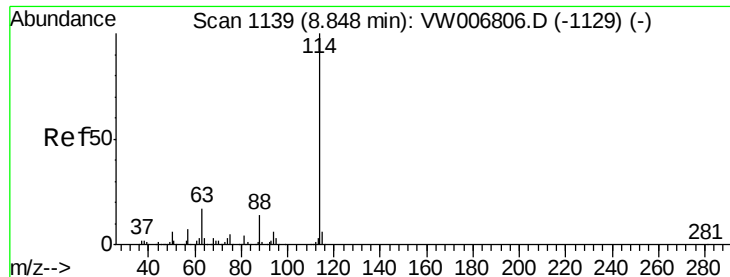
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#33
1,2-Dichloroethane-d4
Concen: 32.526 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.4





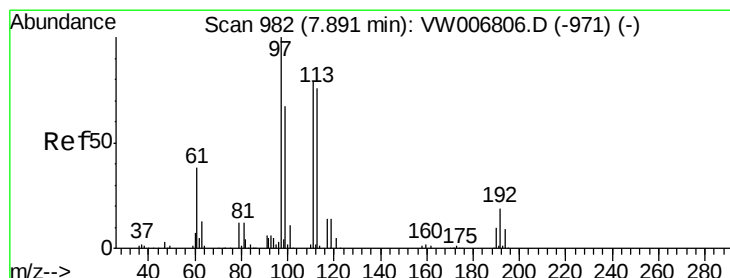
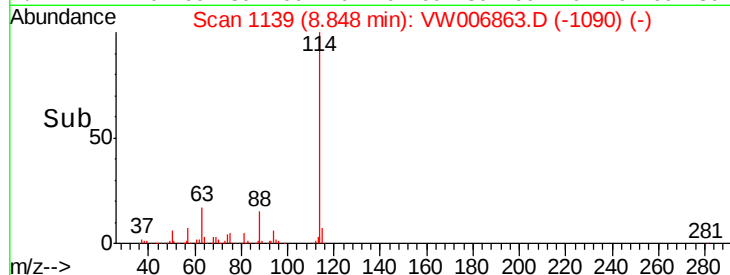
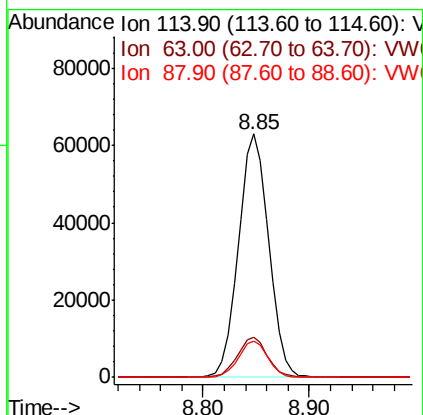
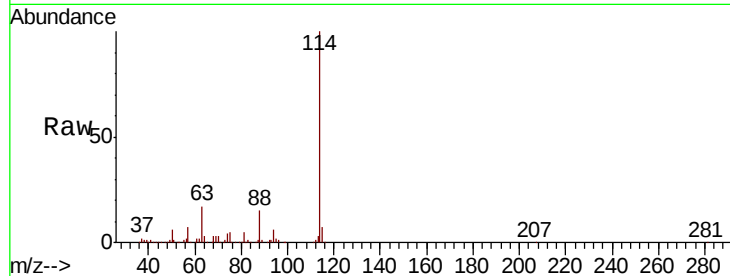
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	16.7	0.0	33.6
88	14.7	0.0	28.4

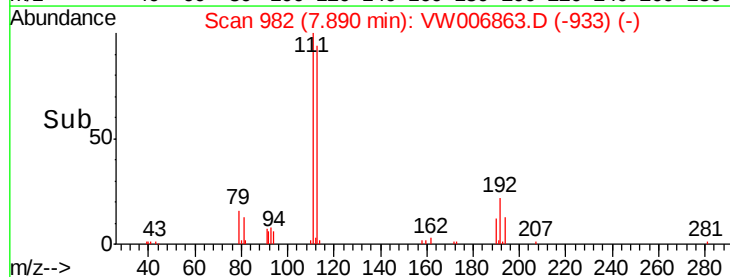
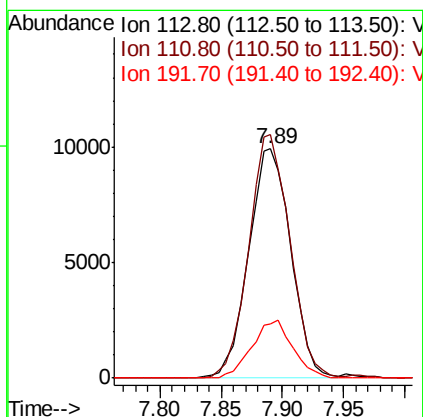
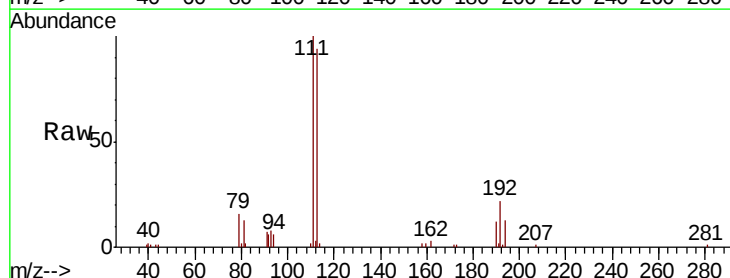
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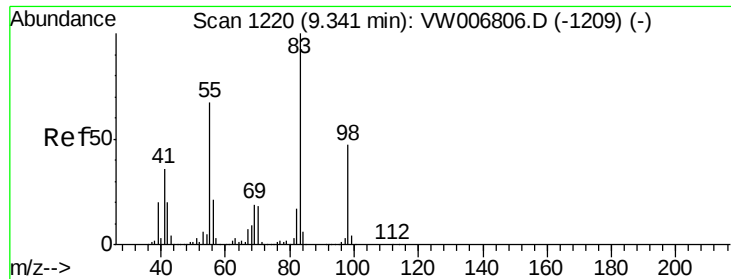
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#35
 Dibromofluoromethane
 Concen: 31.820 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.8	81.0	121.6
192	24.5	19.0	28.6





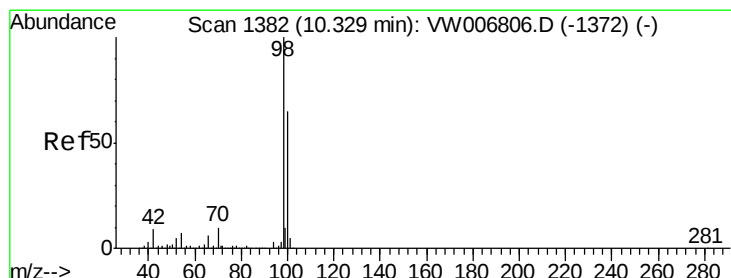
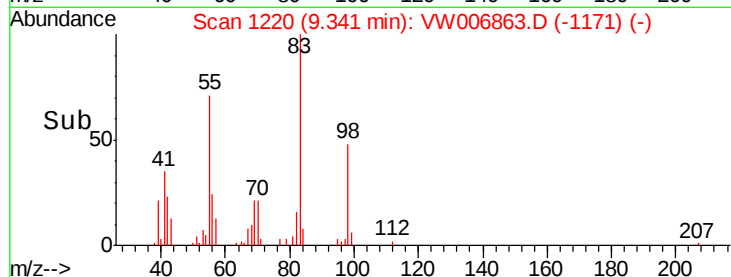
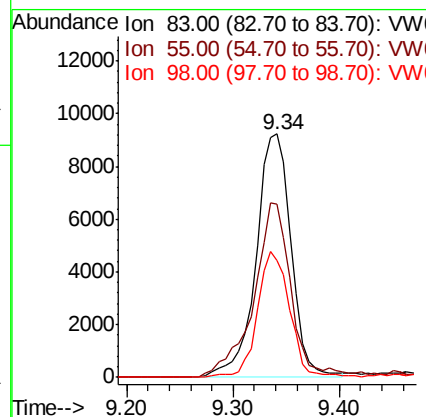
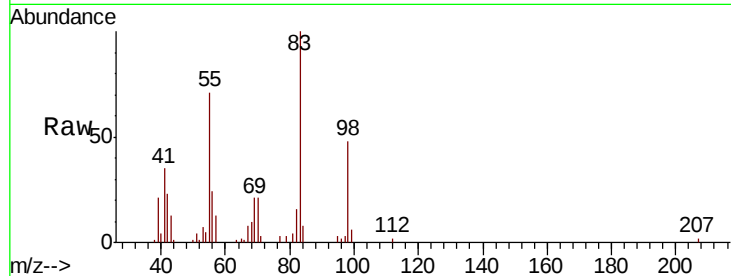
#39
Methvlcvclohexane
Concen: 13.990 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	53.3	79.9
98	48.2	37.9	56.9

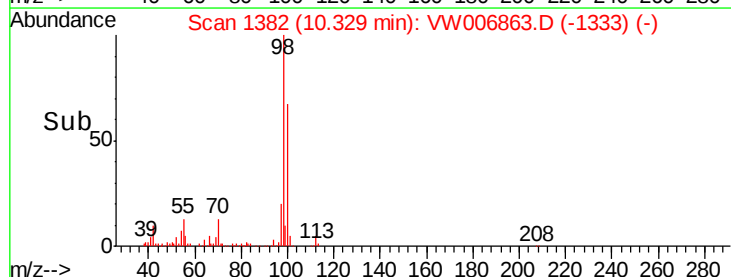
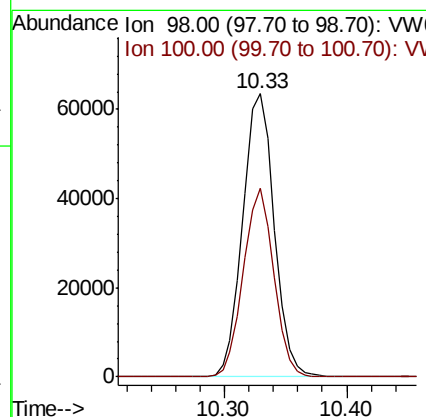
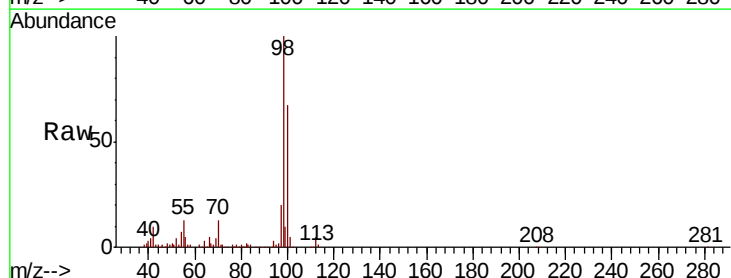
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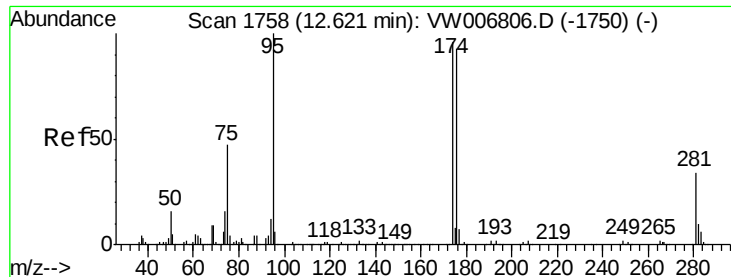
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#50
Toluene-d8
Concen: 36.715 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





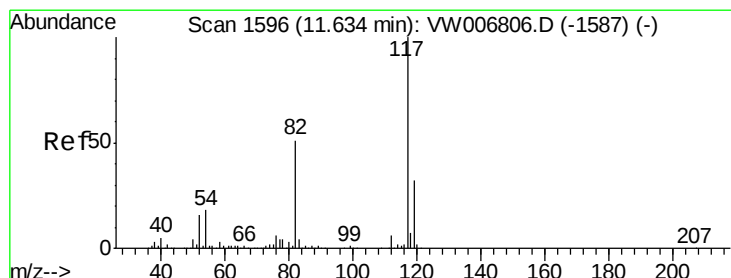
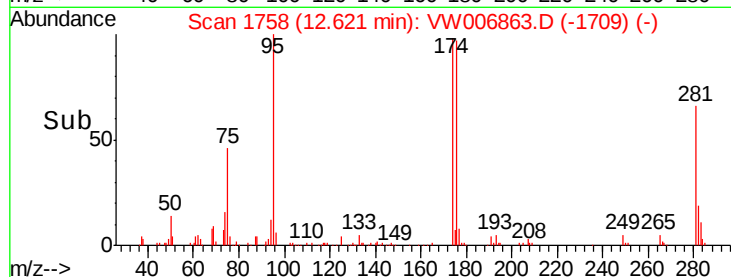
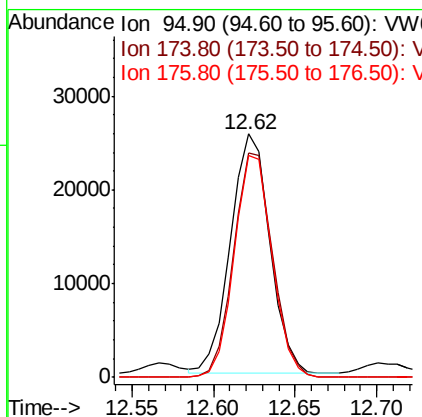
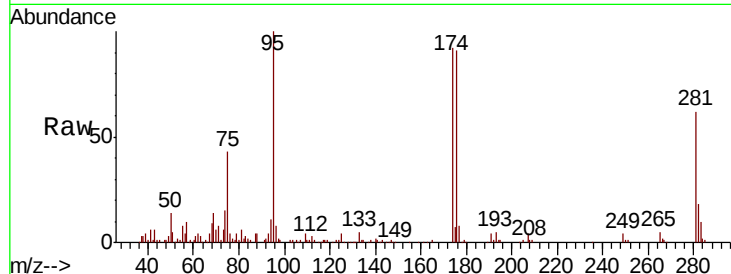
#62
4-Bromofluorobenzene
Concen: 37.814 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	43156		
174	92.2	0.0	196.6	
176	88.4	0.0	191.6	

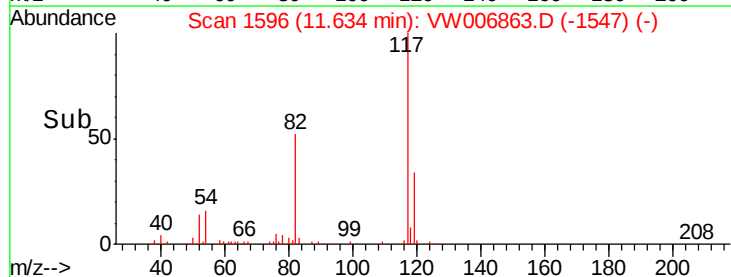
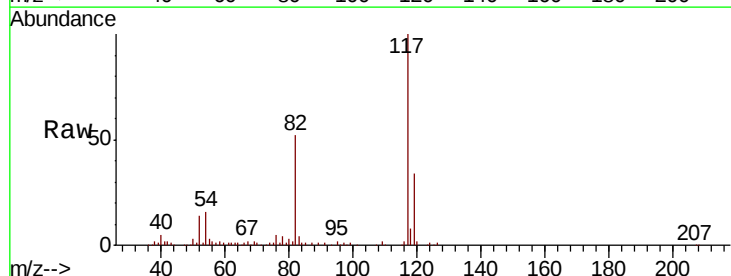
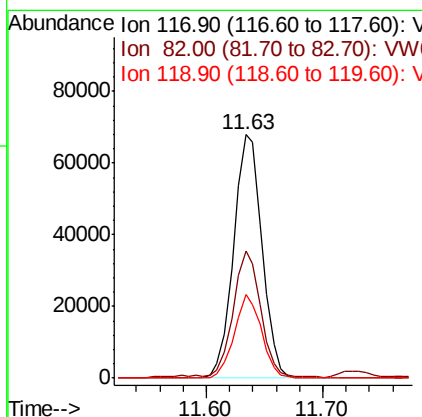
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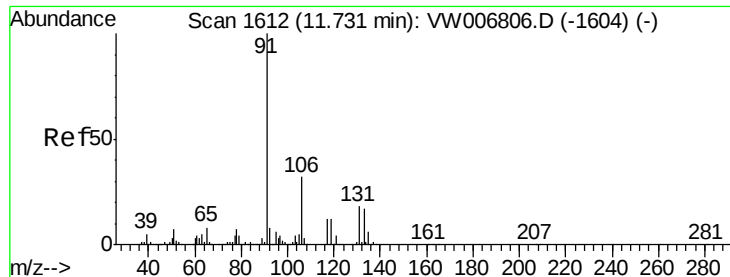
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115166		
82	51.6	40.6	61.0	
119	34.1	25.5	38.3	





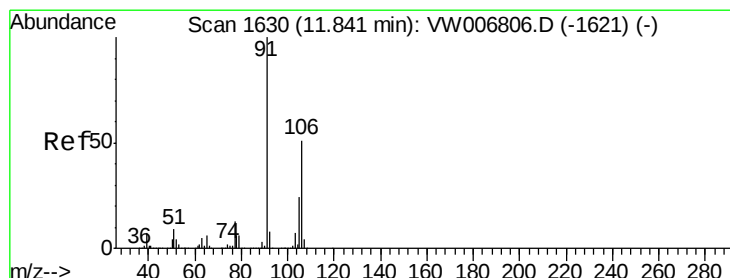
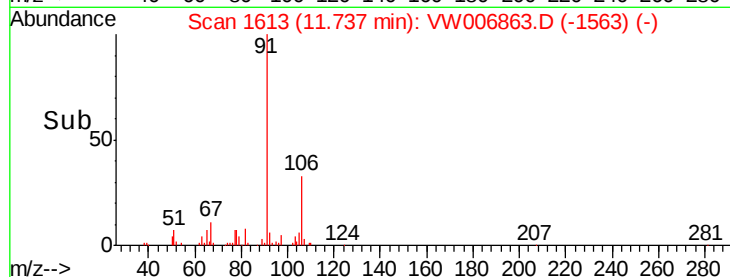
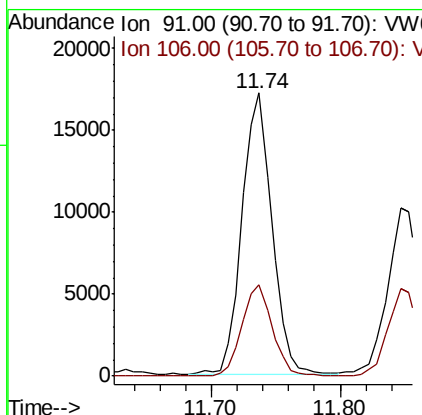
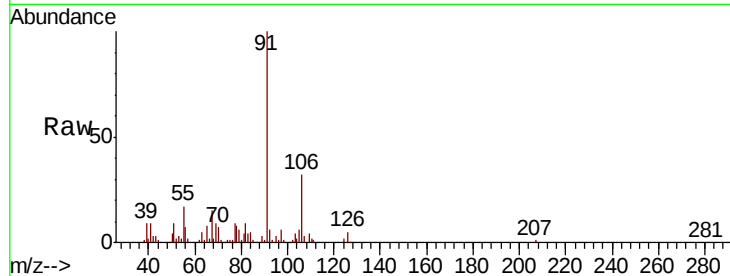
#67
Ethyl Benzene
Concen: 6.328 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tot Ion: 91 Resp: 27561
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0

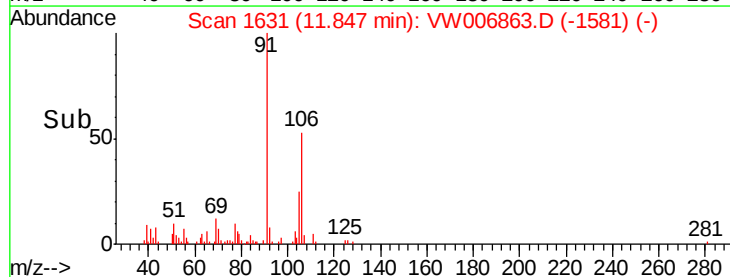
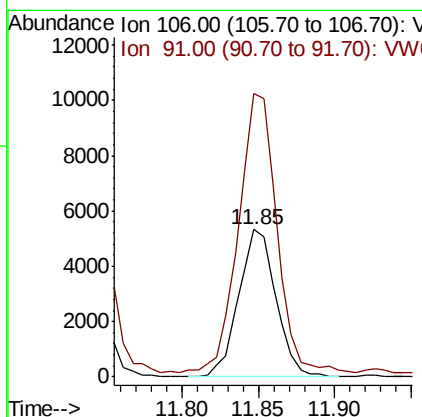
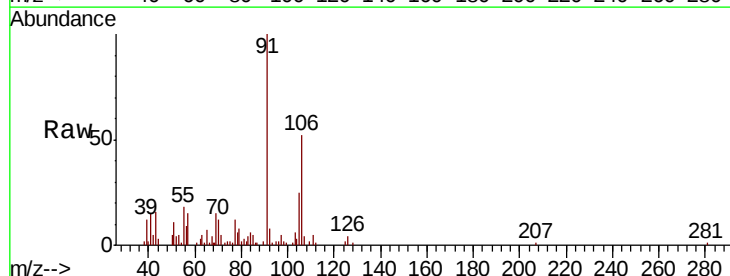
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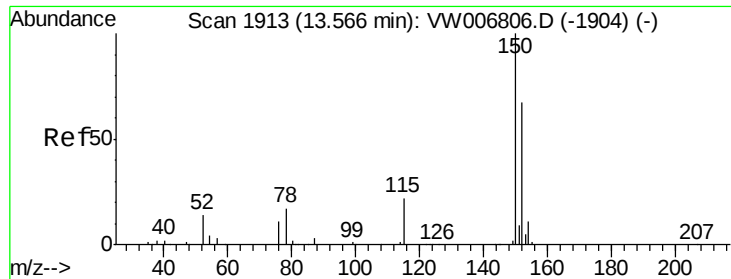
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#68
m/p-Xylenes
Concen: 5.048 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion: 106 Resp: 8997
Ion Ratio Lower Upper
106 100
91 194.3 155.7 233.5





#72

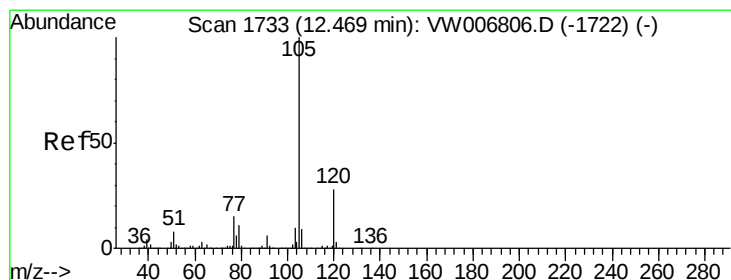
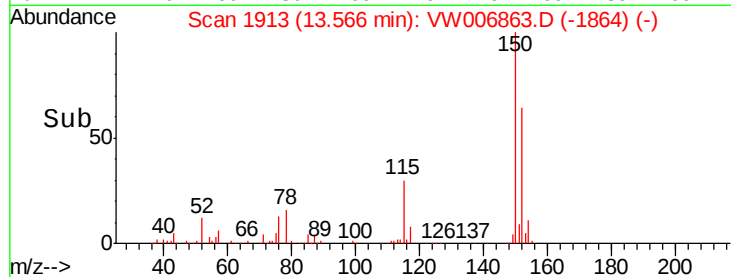
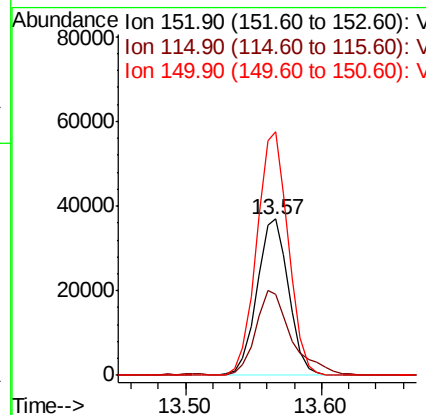
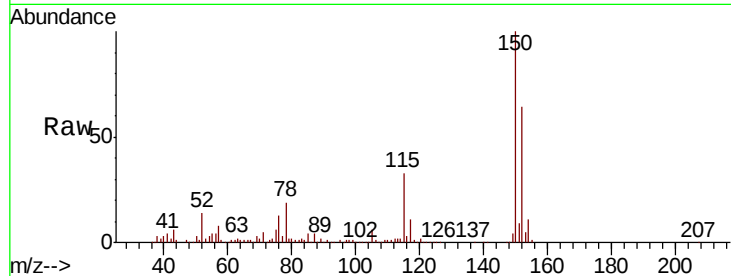
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
SB-3

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.3	81.8
150	155.6	0.0	353.0

Manual Integrations
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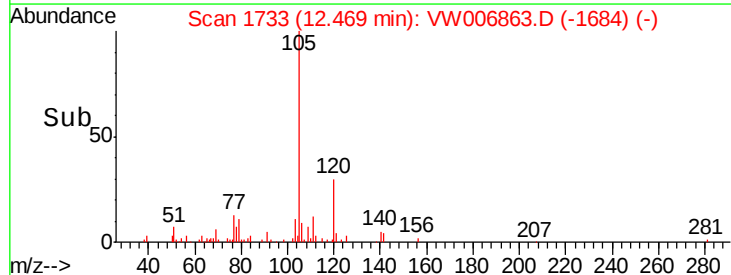
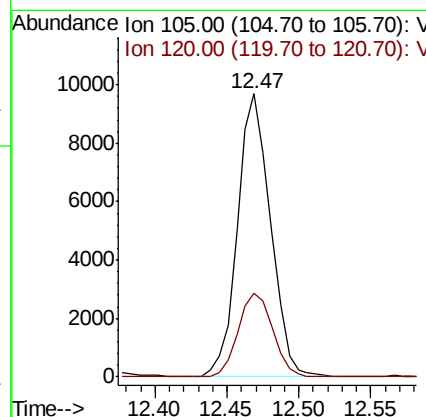
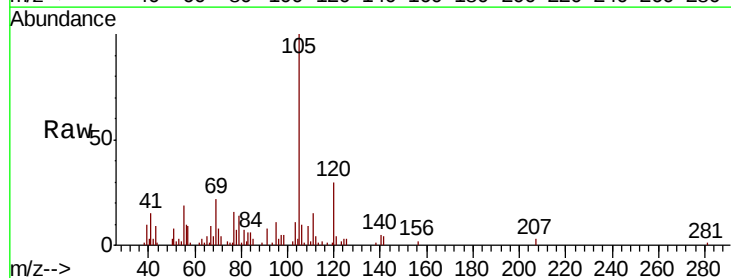
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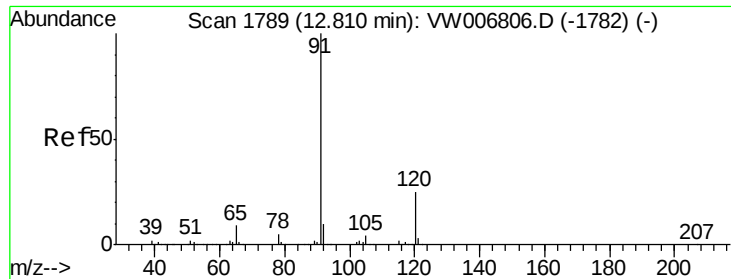


#73

Isopropylbenzene
Concen: 3.719 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.6	14.0	42.0





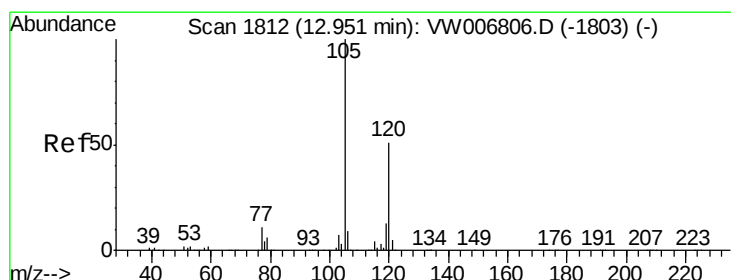
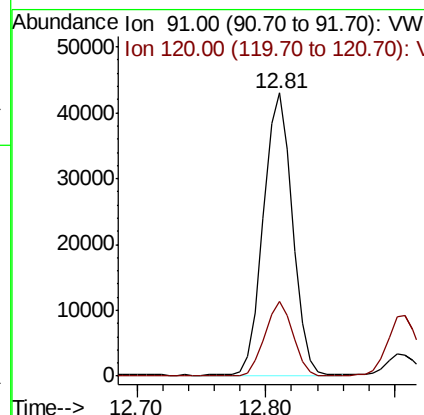
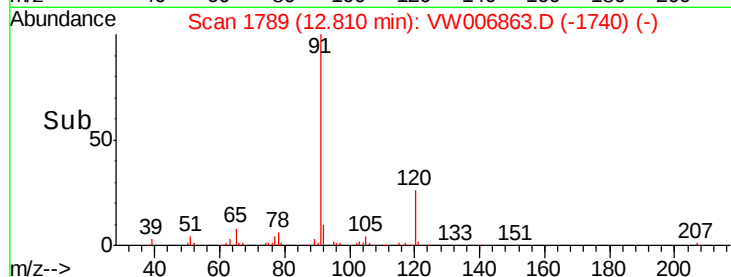
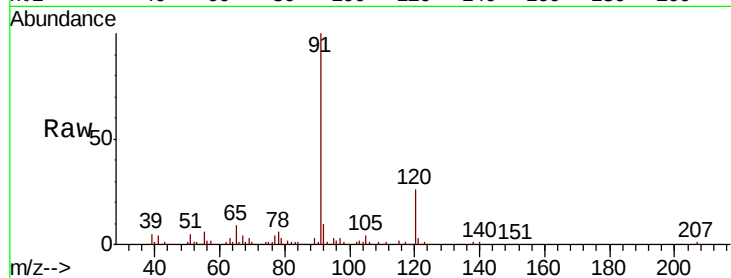
#78
 n-propylbenzene
 Concen: 13.594 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3

Tot Ion: 91 Resp: 66749
 Ion Ratio Lower Upper
 91 100
 120 25.6 12.4 37.4

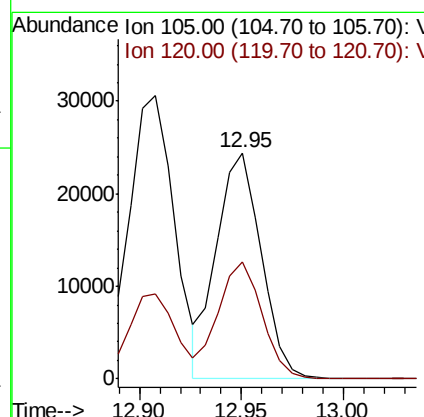
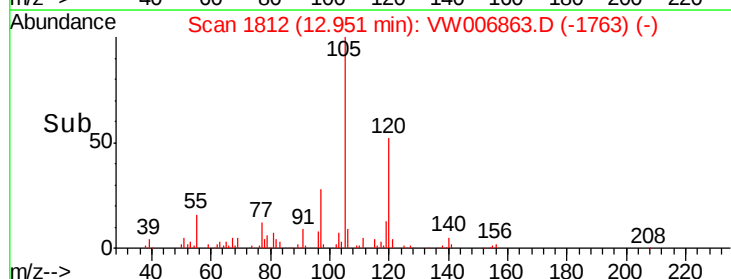
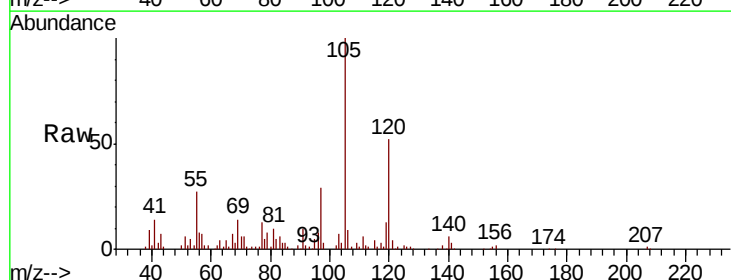
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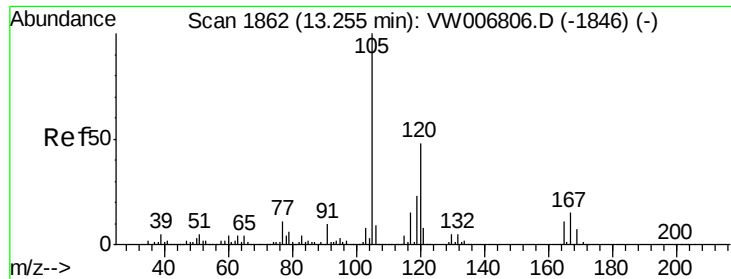
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 10.350 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Tgt Ion:105 Resp: 37014
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.3 75.9





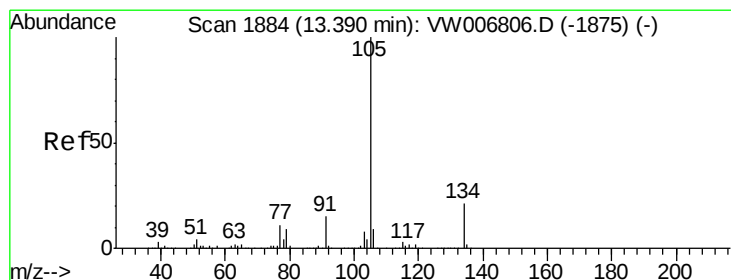
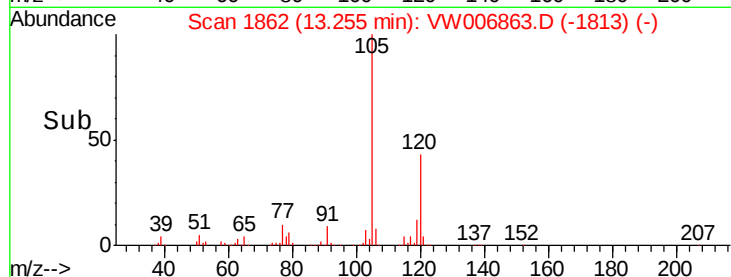
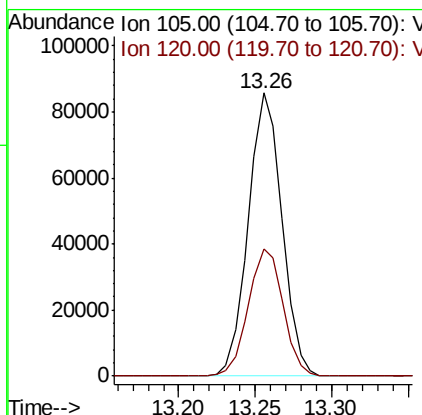
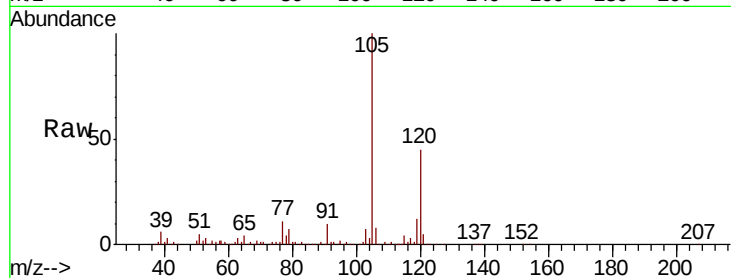
#84
 1,2,4-Trimethylbenzene
 Concen: 36.048 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0

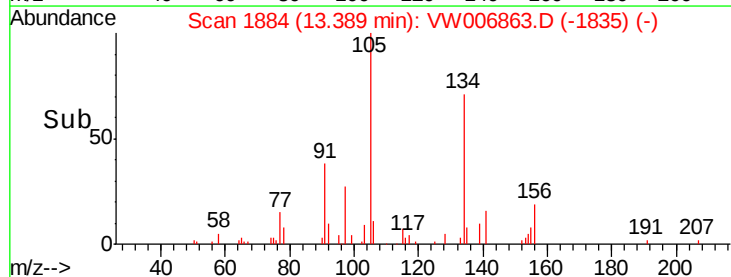
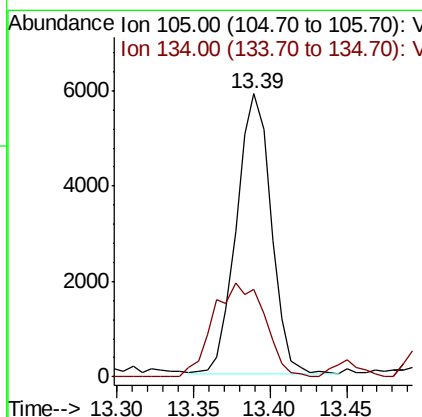
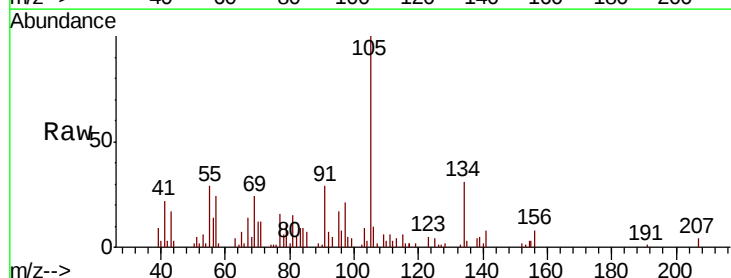
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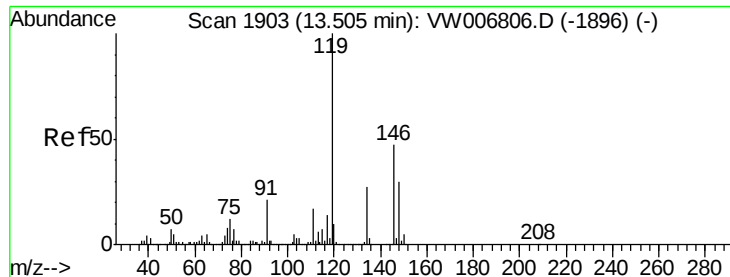
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#85
 sec-Butylbenzene
 Concen: 2.050 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006863.D
 Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	50.3	10.7	31.9#





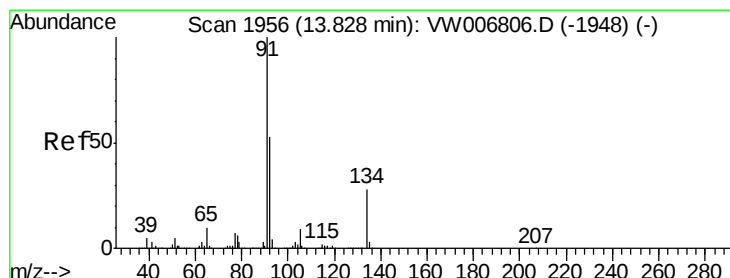
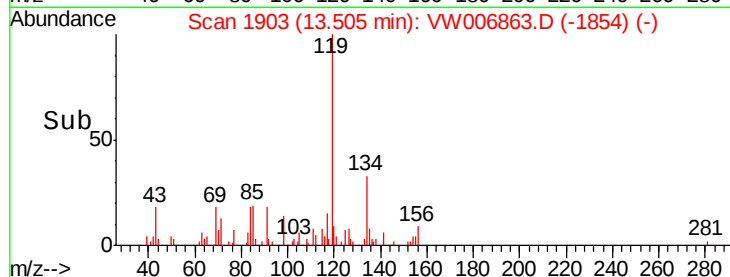
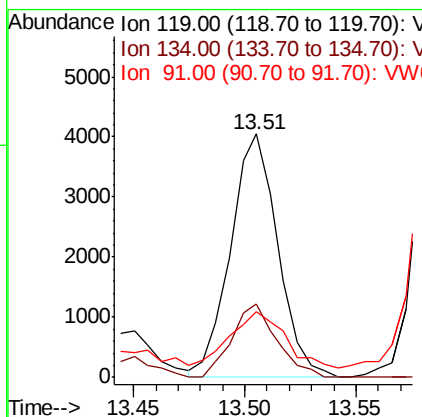
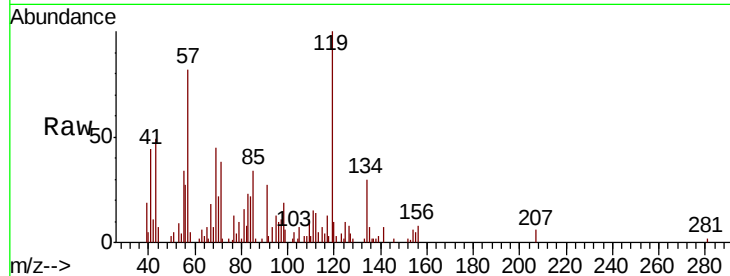
#86
p-Isopropyltoluene
Concen: 1.467 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.5	40.4
91	26.2	10.8	32.4

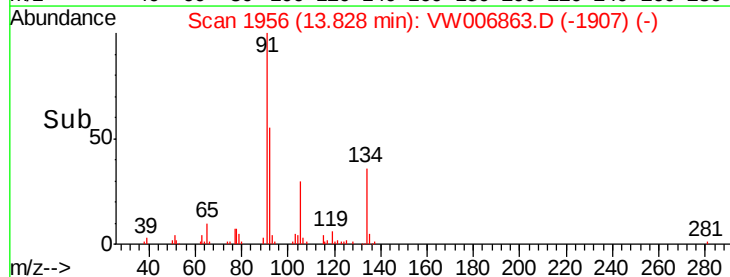
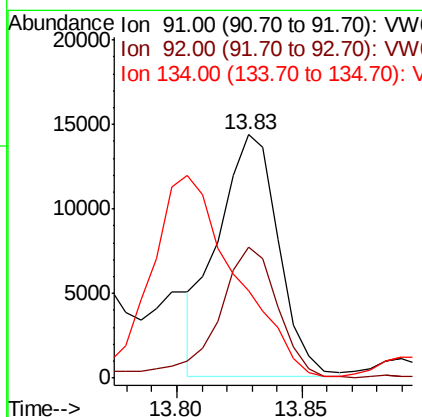
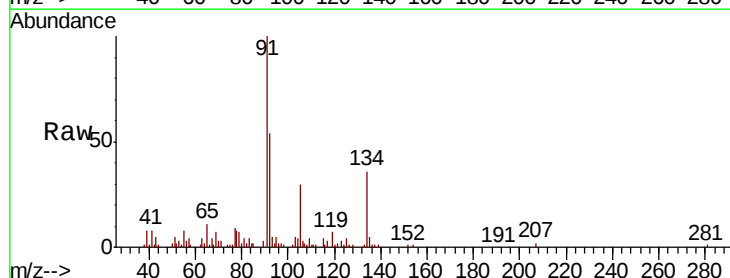
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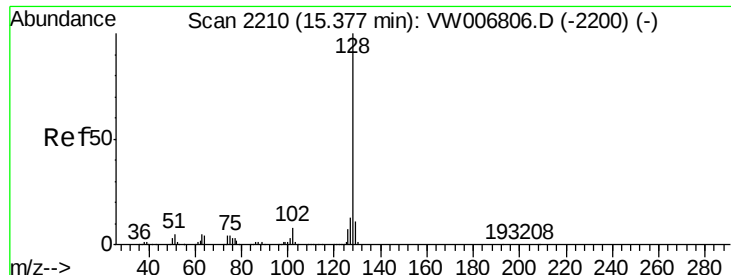
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#89
n-Butylbenzene
Concen: 6.525 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.5	79.4
134	0.0	14.4	43.2#





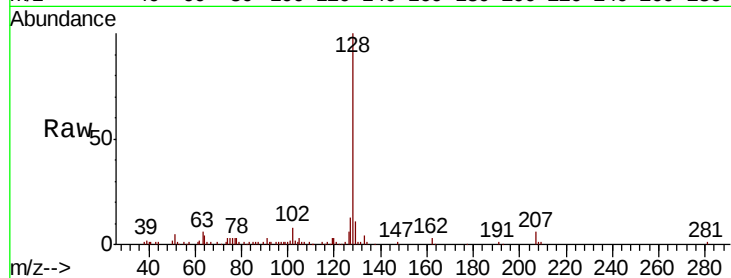
#95
Naphthalene
Concen: 18.079 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006863.D
Acq: 13 Nov 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
SB-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

