

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006326.D
 Acq On : 24 Oct 2018 18:09
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Quant Time: Oct 25 07:37:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280333	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82560	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81541	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
7) Chloroethane-d5	2.90	69	79360	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.01	63	122059	16.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	7.09	46	54711	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
24) Chloroform-d	7.65	84	177522	23.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	8.31	65	100804	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
29) Benzene-d6	8.28	84	354837	27.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.52%
33) 1,2-Dichloropropane-d6	9.28	67	102968	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	10.33	98	322543	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.36%
38) trans-1,3-Dichloropropene-	10.58	79	39661	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.00%
39) 2-Hexanone-d5	10.93	63	44103	47.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79759	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	63353	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds

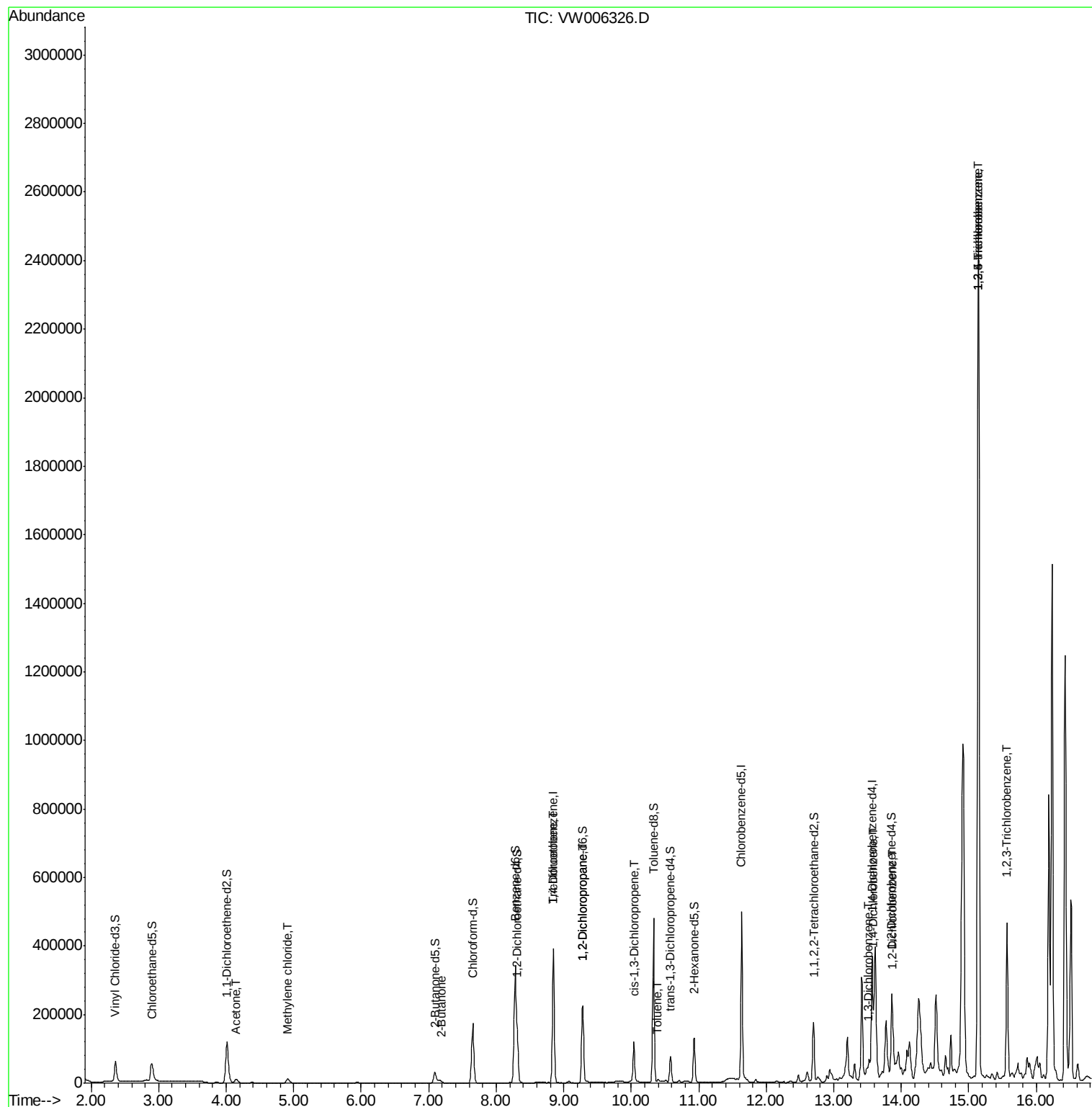
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.14	43	20879	15.954	ug/L	100
16) Methylene chloride	4.91	84	9894	2.211	ug/L	98
21) 2-Butanone	7.19	43	3646	2.097	ug/L	89
35) Trichloroethene	8.85	95	10002	2.470	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11834	3.315	ug/L #	96
42) cis-1,3-Dichloropropene	10.04	75	2990	0.513	ug/L #	80
44) Toluene	10.39	91	5700	0.353	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	7030	1.387	ug/L #	85
64) 1,4-Dichlorobenzene	13.58	146	51664	10.119	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	3464	0.743	ug/L #	80
67) 1,3,5-Trichlorobenzene	15.14	180	913005	223.402	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	913115	262.025	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	160711	51.333	ug/L	99

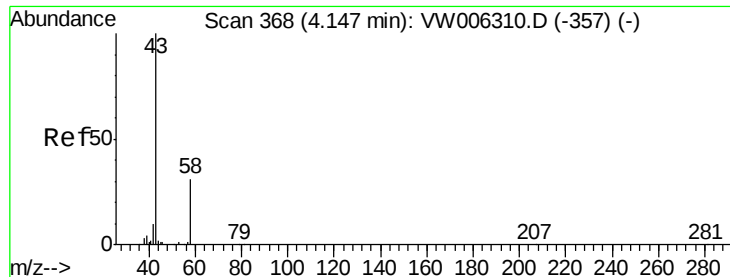
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 15.954 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampled :

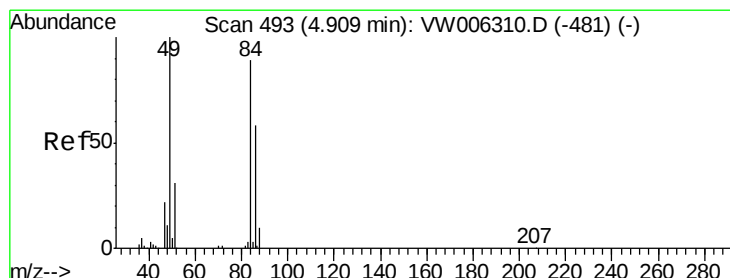
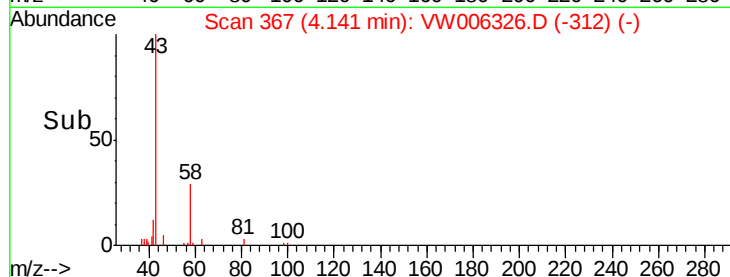
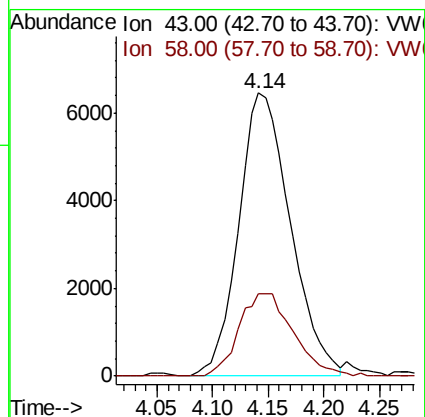
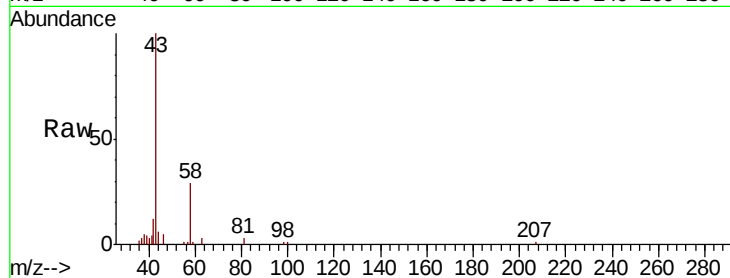
A40G0

Tgt Ion: 43 Resp: 20879

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.2



#16

Methylene chloride

Concen: 2.211 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

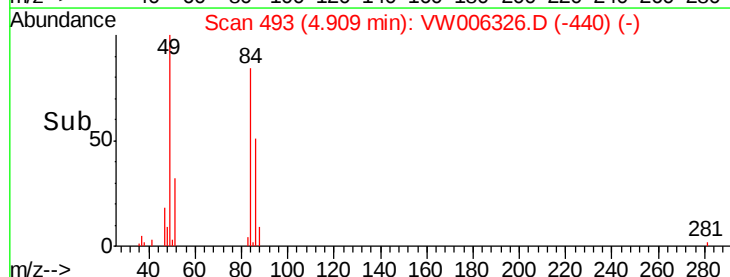
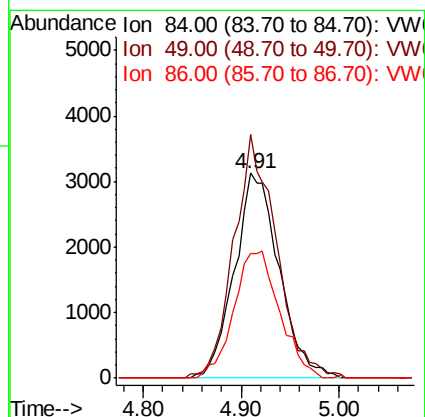
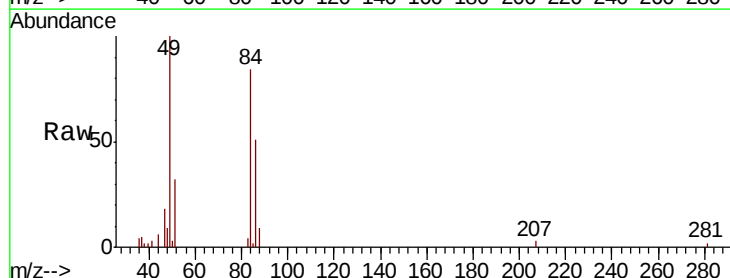
Tgt Ion: 84 Resp: 9894

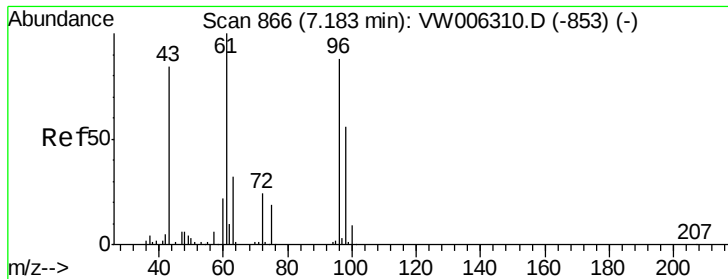
Ion Ratio Lower Upper

84 100

49 118.8 83.5 155.1

86 60.6 44.9 83.5





#21

2-Butanone

Concen: 2.097 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

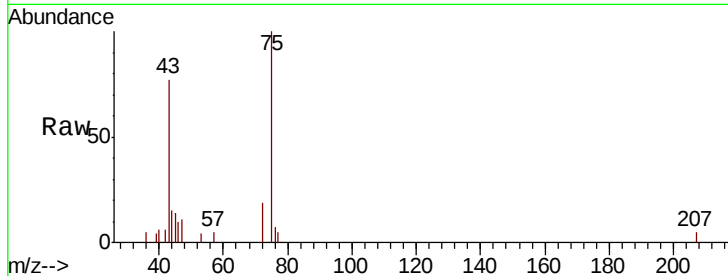
A40G0

Tgt Ion: 43 Resp: 3646

Ion Ratio Lower Upper

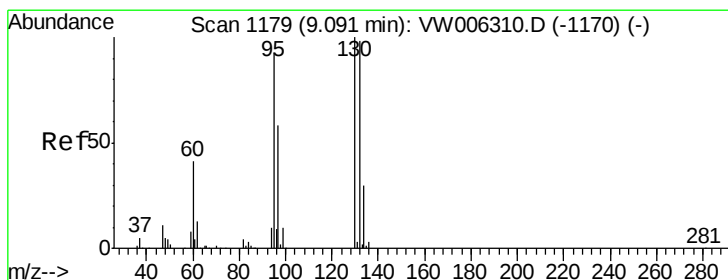
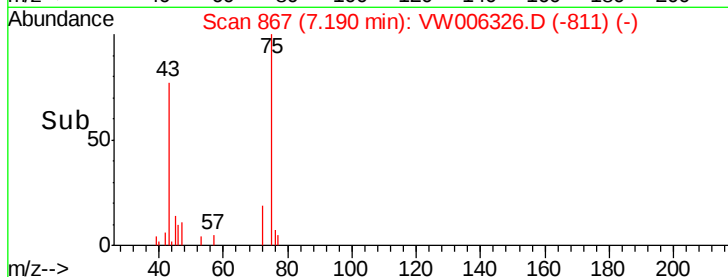
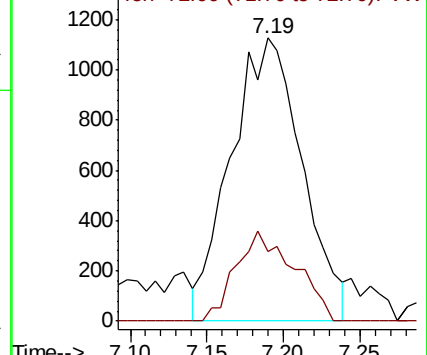
43 100

72 21.8 13.8 41.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.470 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

Tgt Ion: 95 Resp: 10002

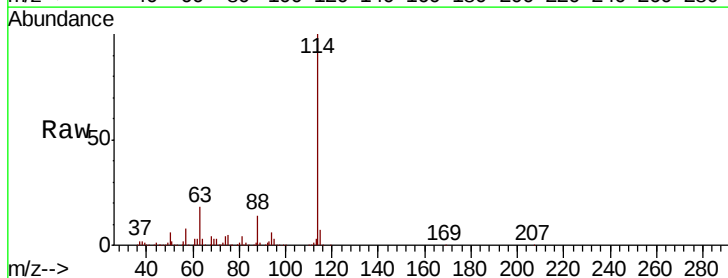
Ion Ratio Lower Upper

95 100

97 0.6 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

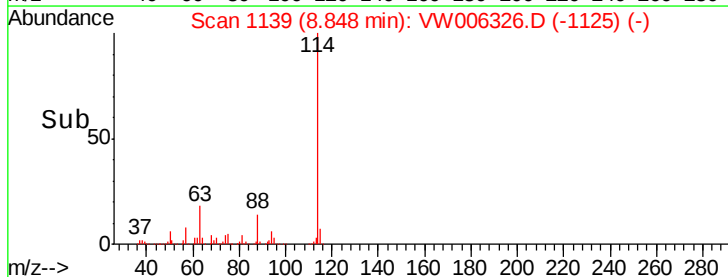
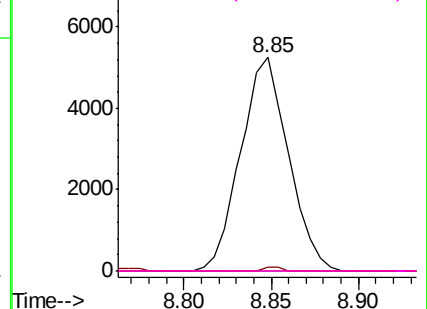


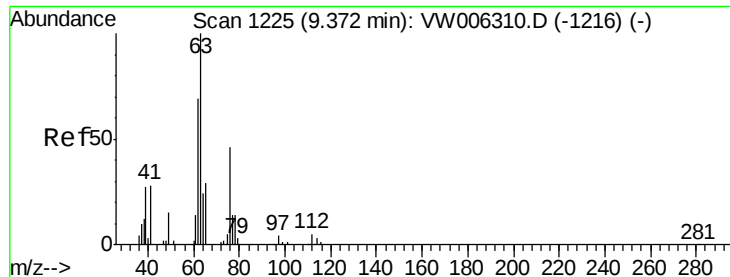
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

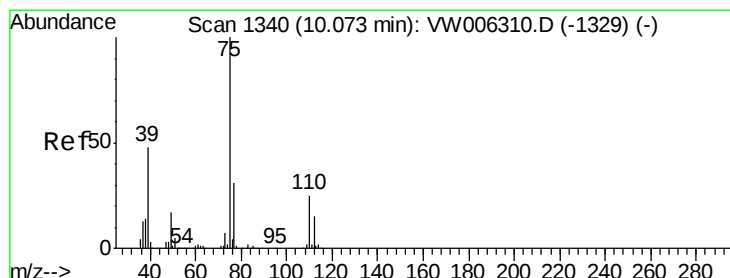
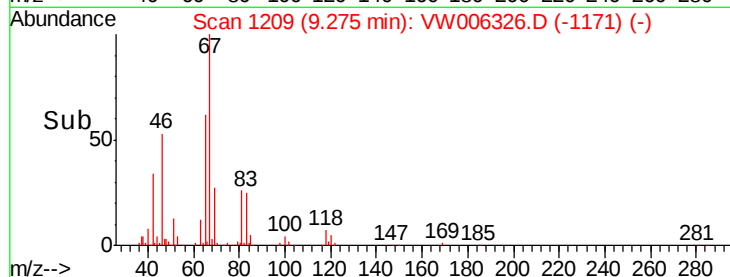
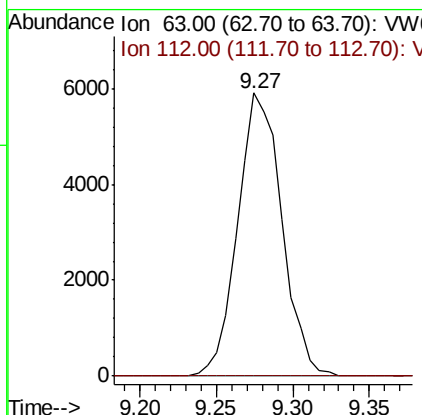
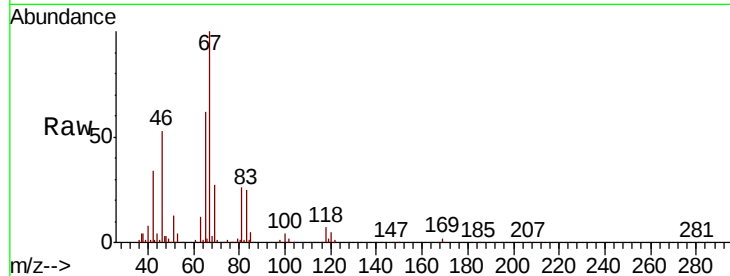




#40
 1,2-Dichloropropane
 Concen: 3.315 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

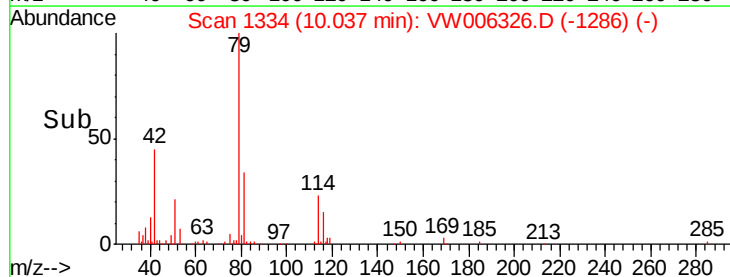
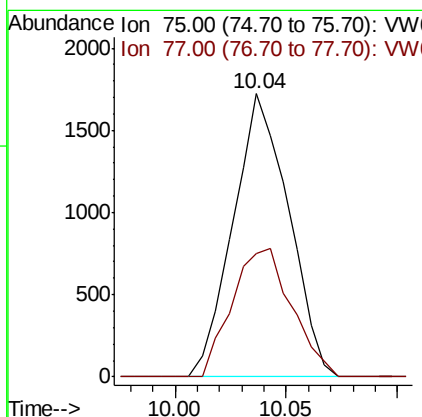
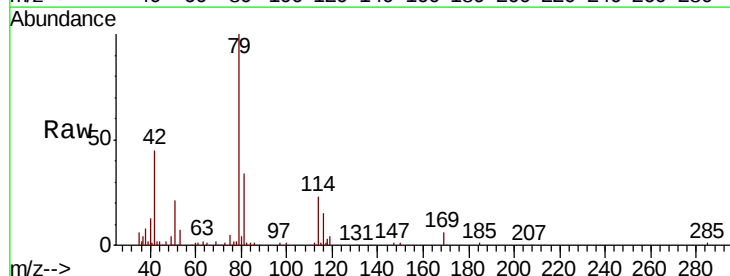
Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

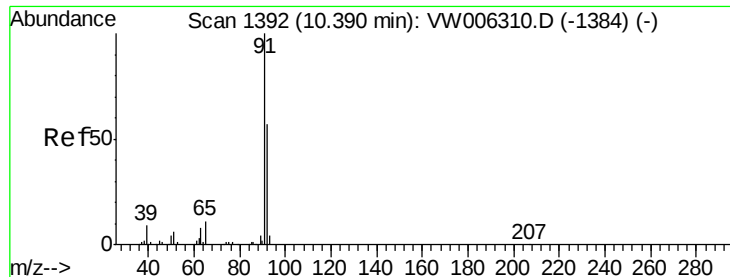
Tgt Ion: 63 Resp: 11834
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.513 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

Tgt Ion: 75 Resp: 2990
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.6 42.0#





#44

Toluene

Concen: 0.353 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampled :

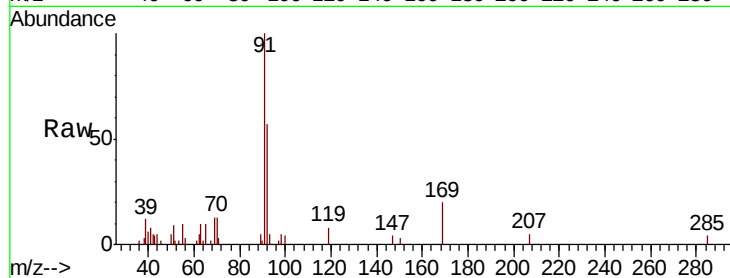
A40G0

Tgt Ion: 91 Resp: 5700

Ion Ratio Lower Upper

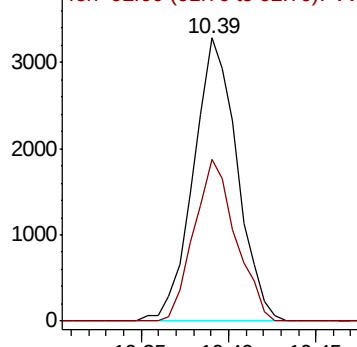
91 100

92 57.1 40.4 75.0

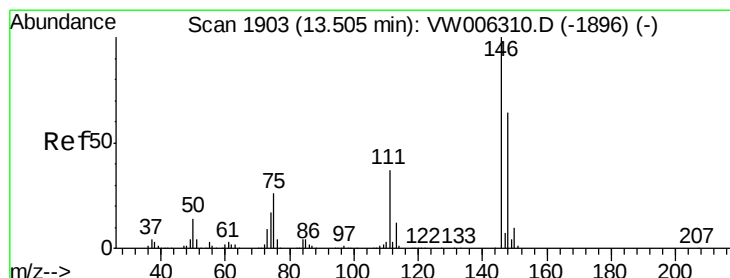
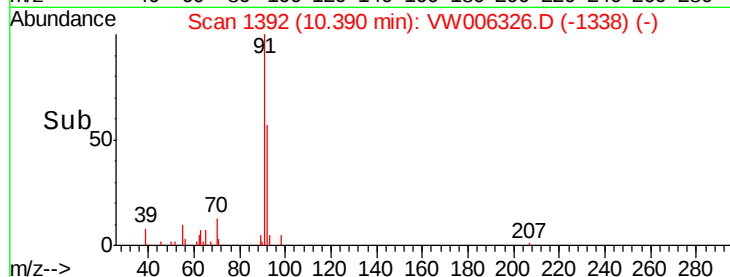


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



Time-->



#63

1,3-Dichlorobenzene

Concen: 1.387 ug/L

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006326.D

Acq: 24 Oct 2018 18:09

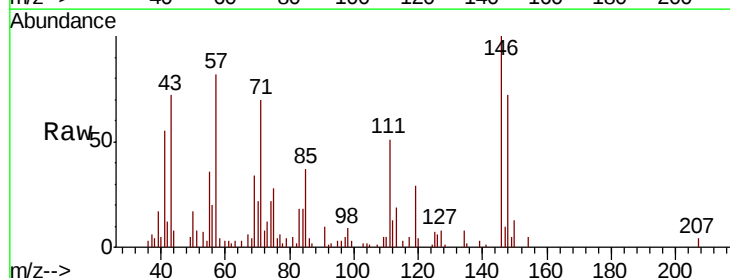
Tgt Ion: 146 Resp: 7030

Ion Ratio Lower Upper

146 100

111 50.5 26.3 48.9#

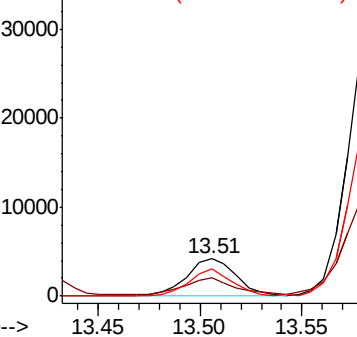
148 72.3 44.7 82.9



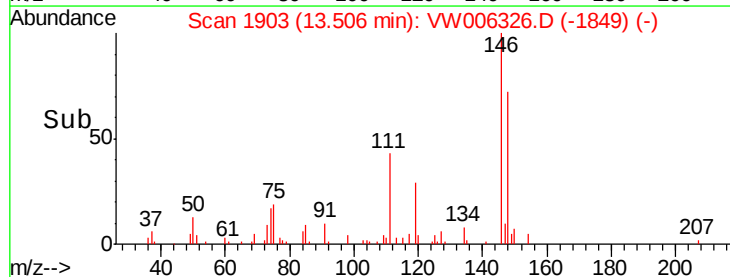
Abundance Ion 146.00 (145.70 to 146.70): V

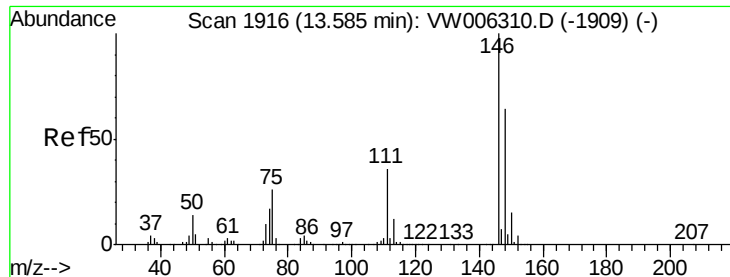
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time-->

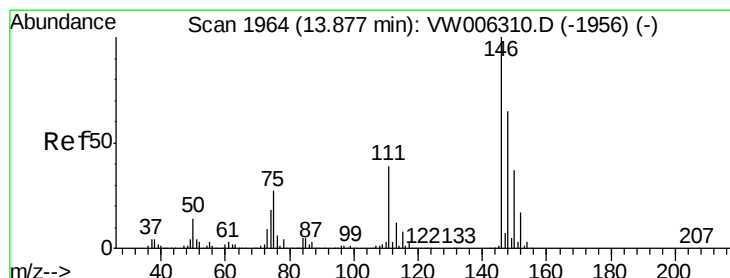
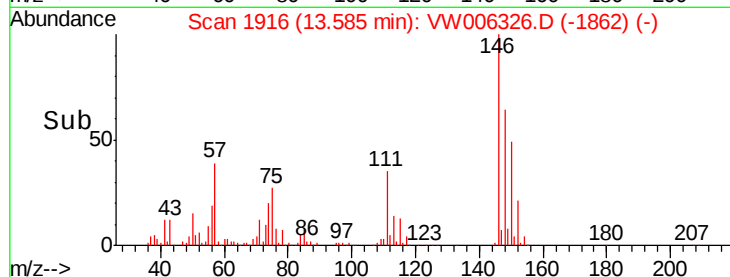
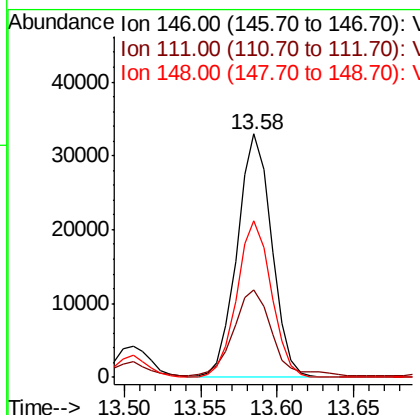
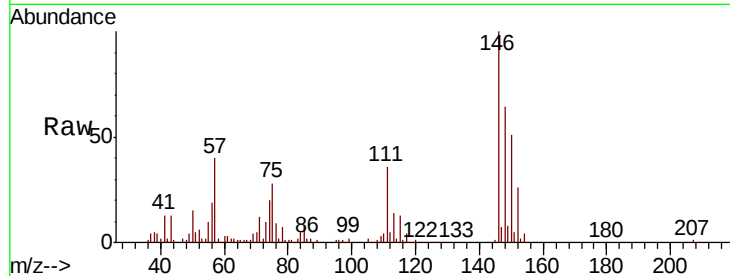




#64
 1,4-Dichlorobenzene
 Concen: 10.119 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

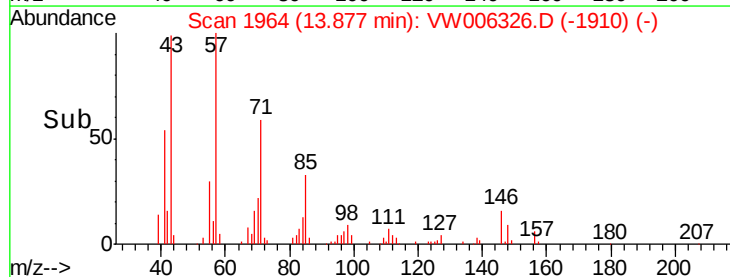
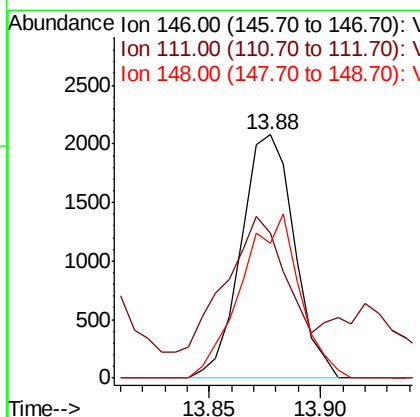
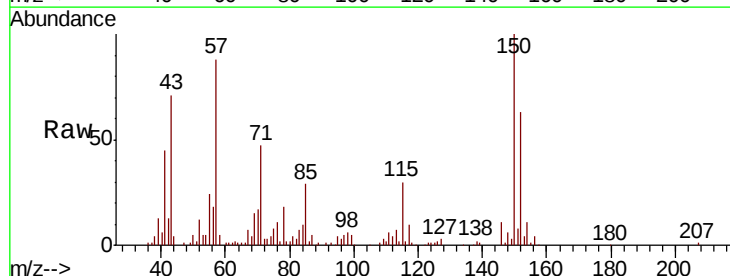
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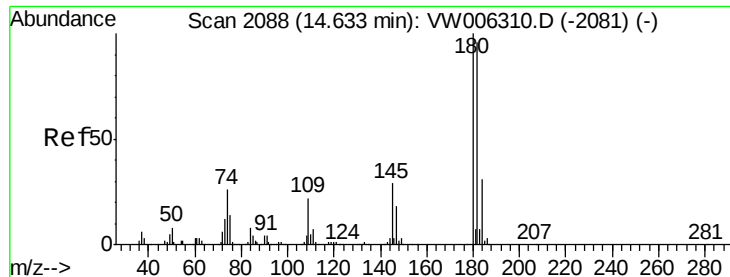
Tgt Ion:146 Resp: 51664
 Ion Ratio Lower Upper
 146 100
 111 36.0 24.7 45.9
 148 64.2 44.9 83.5



#65
 1,2-Dichlorobenzene
 Concen: 0.743 ug/L
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

Tgt Ion:146 Resp: 3464
 Ion Ratio Lower Upper
 146 100
 111 59.4 31.1 46.7#
 148 55.3 51.2 76.8

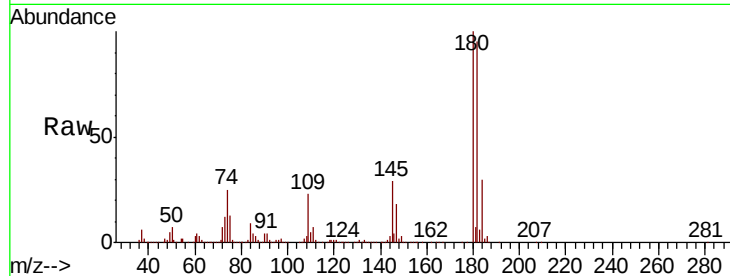




#67
 1,3,5-Trichlorobenzene
 Concen: 223.402 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.50 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
184	30.7	24.3	36.5
145	28.5	22.6	33.8



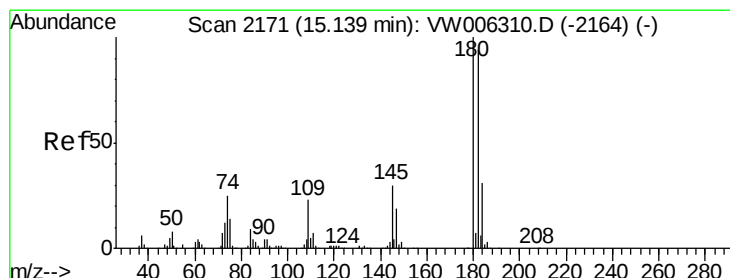
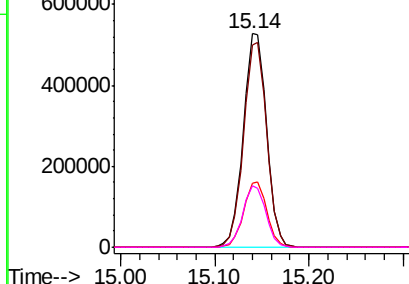
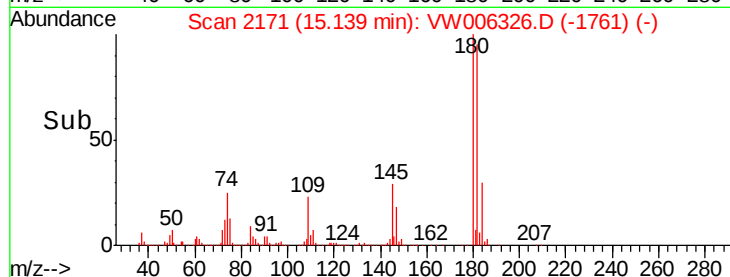
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

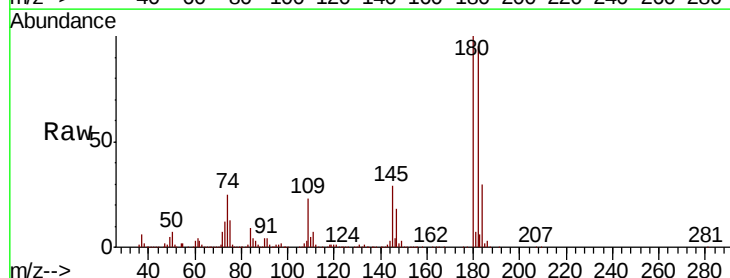
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 262.025 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	28.5	23.0	34.6

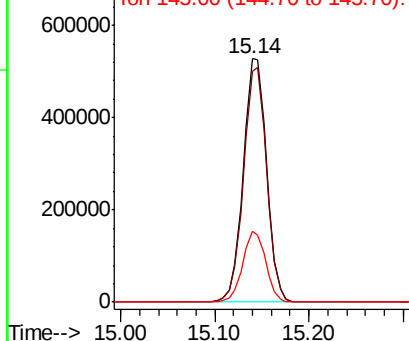
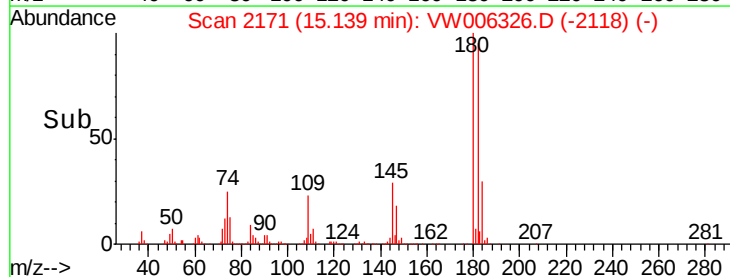


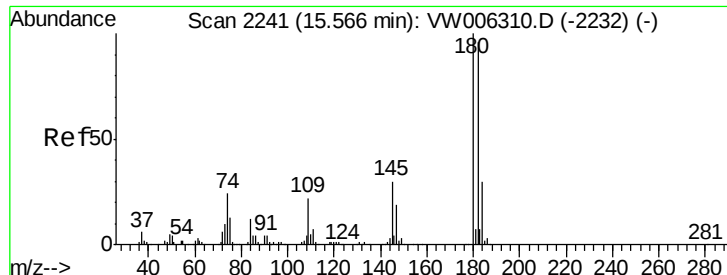
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

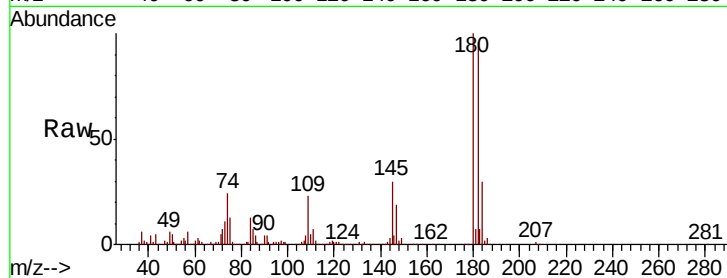




#70
 1,2,3-Trichlorobenzene
 Concen: 51.333 ug/L
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW006326.D
 Acq: 24 Oct 2018 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.5	113.3
145	30.3	24.5	36.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

