

Data File : VV008390.D
Acq On : 24 Oct 2018 14:17
Operator : SY/MD
Sample : MDL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Quant Time: Oct 25 08:50:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76524	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49243	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.80%
7) Chloroethane-d5	1.57	69	38010	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.13	63	69997	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.93	46	119087	98.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.41	84	124161	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.09	65	87001	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.10	84	250066	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.12	67	86614	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.36	98	224549	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.67	79	41434	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.14	63	90776	98.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.39%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	116502	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	74899	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	2554	1.786 ug/L	97
3) Chloromethane	1.25	50	2919	1.905 ug/L	97
5) Vinyl chloride	1.33	62	2545	1.793 ug/L #	52
6) Bromomethane	1.52	94	924	2.372 ug/L	90
8) Chloroethane	1.59	64	1944	2.606 ug/L	95
9) Trichlorofluoromethane	1.77	101	3401	1.861 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2430	2.546 ug/L #	76
12) 1,1-Dichloroethene	2.14	96	2102	2.339 ug/L #	1
13) Acetone	2.19	43	4232	4.524 ug/L	97
14) Carbon disulfide	2.32	76	7956	1.965 ug/L	99
15) Methyl Acetate	2.46	43	3576	1.917 ug/L	91
16) Methylene chloride	2.54	84	3006	1.931 ug/L	90
17) trans-1,2-Dichloroethene	2.80	96	2539	1.853 ug/L	94
18) Methyl tert-butyl Ether	2.81	73	8854	1.806 ug/L #	92
19) 1,1-Dichloroethane	3.23	63	5063	1.792 ug/L	90
20) cis-1,2-Dichloroethene	3.97	96	2901	1.859 ug/L	83
22) 2-Butanone	4.03	43	4293	3.177 ug/L	96

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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	1354	1.839	ug/L	78
27) 1,2-Dichloroethane	5.19	62	4428	1.922	ug/L	97
29) Cyclohexane	4.73	56	4944	1.901	ug/L	95
30) 1,1,1-Trichloroethane	4.67	97	4361	1.883	ug/L	94
31) Carbon tetrachloride	4.88	117	3527	1.794	ug/L	99
33) Benzene	5.15	78	11384	1.950	ug/L	100
34) Trichloroethene	5.96	95	3098	2.072	ug/L	84
35) Methylcyclohexane	6.18	83	4460	1.755	ug/L	93
37) 1,2-Dichloropropane	6.23	63	2999	1.860	ug/L #	89
38) Bromodichloromethane	6.56	83	3808	1.853	ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	4732	1.867	ug/L	87
40) 4-Methyl-2-pentanone	7.28	43	8236	3.449	ug/L	97
42) Toluene	7.43	91	11074	1.826	ug/L	94
44) trans-1,3-Dichloropropene	7.70	75	4421	1.864	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	2804	1.967	ug/L	88
46) Tetrachloroethene	8.02	164	1938	1.989	ug/L	91
48) 2-Hexanone	8.19	43	7033	3.817	ug/L	96
49) Dibromochloromethane	8.29	129	2594	1.693	ug/L	99
50) 1,2-Dibromoethane	8.40	107	2642	1.766	ug/L #	89
51) Chlorobenzene	8.93	112	6905	1.849	ug/L	94
52) Ethylbenzene	9.06	91	12095	1.780	ug/L	99
53) m,p-Xylene	9.18	106	4260	1.716	ug/L	92
54) o-xylene	9.59	106	4450	1.795	ug/L	94
55) Styrene	9.61	104	7185	1.721	ug/L	99
56) Isopropylbenzene	9.98	105	10828	1.670	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4923	1.972	ug/L #	96
59) 1,2,3-Trichloropropane	10.32	75	3798	1.879	ug/L	95
61) Bromoform	9.78	173	1775	1.838	ug/L #	86
62) 1,3-Dichlorobenzene	11.23	146	4556	1.801	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	4790	1.889	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	4740	1.837	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.48	75	1004	1.893	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	2718	1.645	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	1677	1.255	ug/L	92
69) Naphthalene	13.56	128	4627	1.071	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.80	180	1692	1.267	ug/L	92

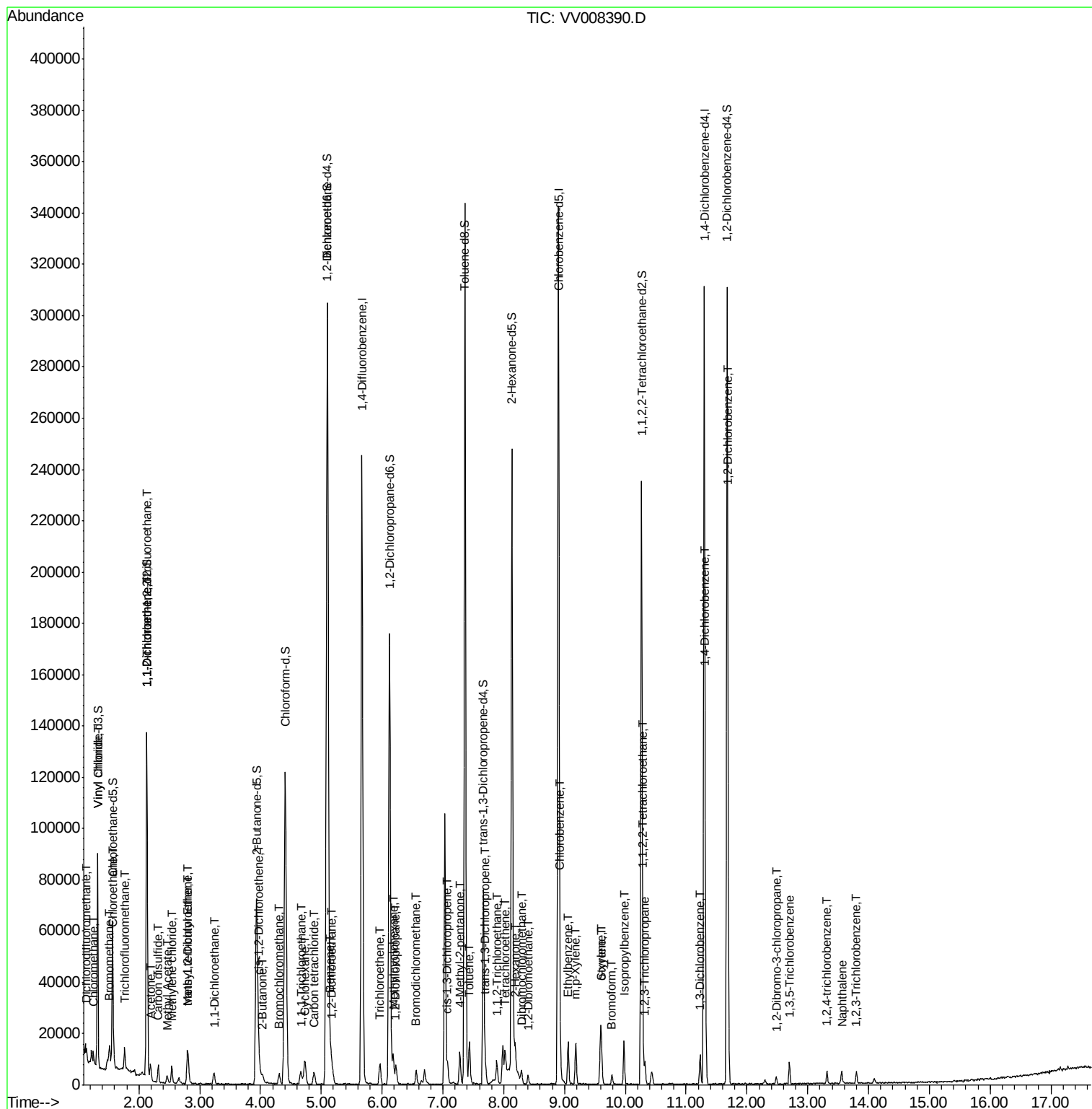
(#) = qualifier out of range (m) = manual integration (+) = signals summed

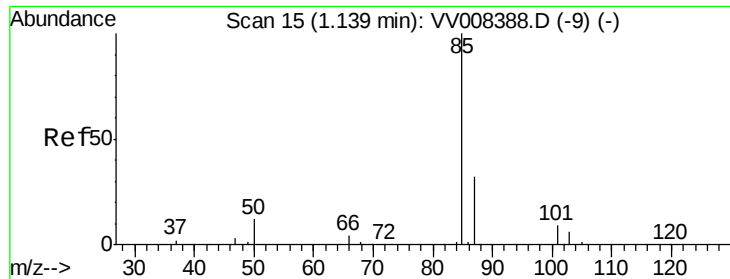
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```
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ClientSampleId :
MDL01

Quant Time: Oct 25 08:50:48 2018
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Quant Title : VOC Analysis
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#2

Dichlorodifluoromethane

Concen: 1.786 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

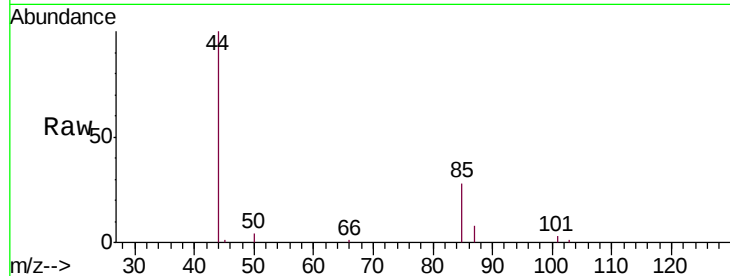
MDL01

Tgt Ion: 85 Resp: 2554

Ion Ratio Lower Upper

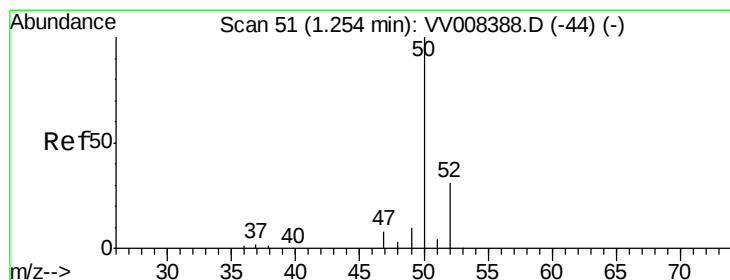
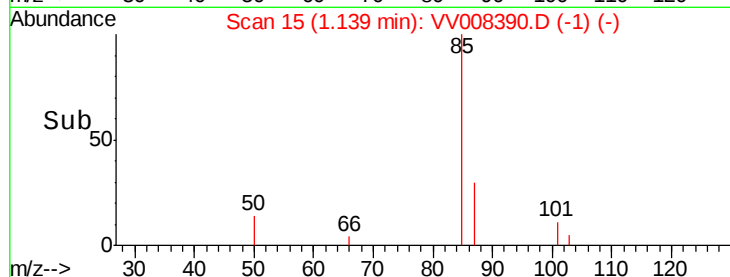
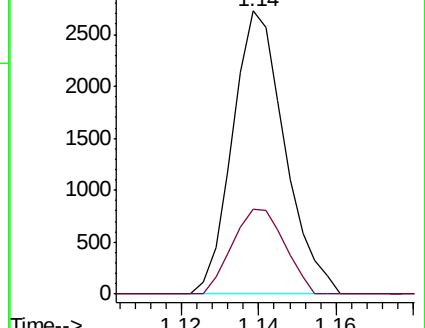
85 100

87 30.3 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV008388.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VV008388.D (-9) (-)



#3

Chloromethane

Concen: 1.905 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008390.D

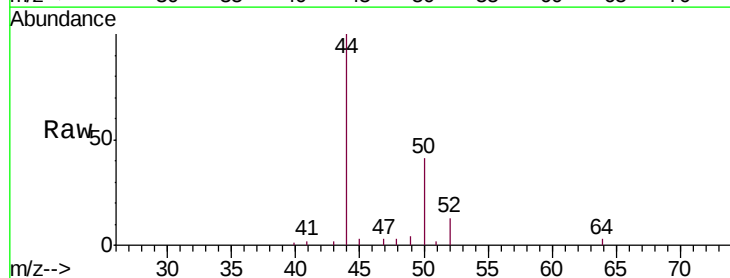
Acq: 24 Oct 2018 14:17

Tgt Ion: 50 Resp: 2919

Ion Ratio Lower Upper

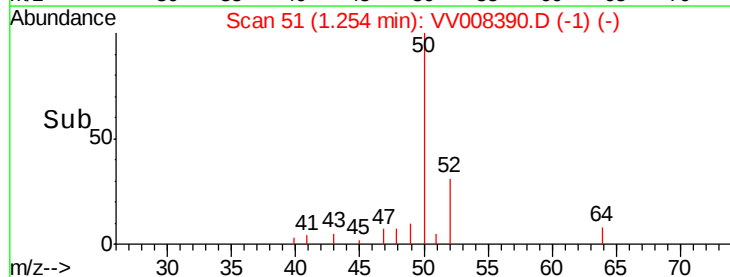
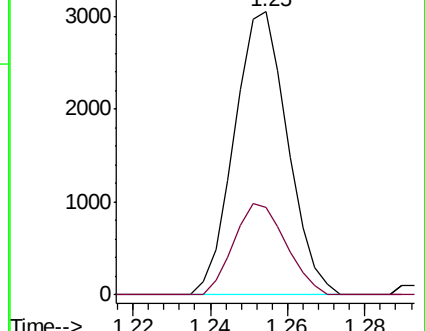
50 100

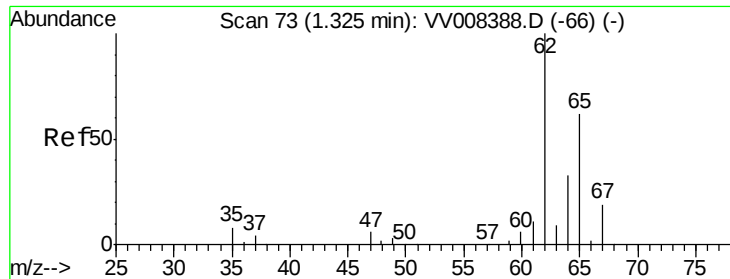
52 31.2 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VV008388.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV008388.D (-44) (-)





#5

Vinyl chloride

Concen: 1.793 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

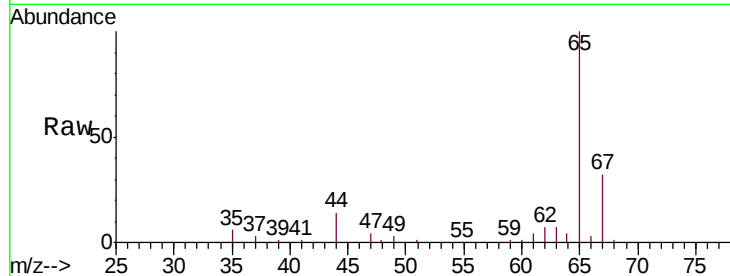
MDL01

Tgt Ion: 62 Resp: 2545

Ion Ratio Lower Upper

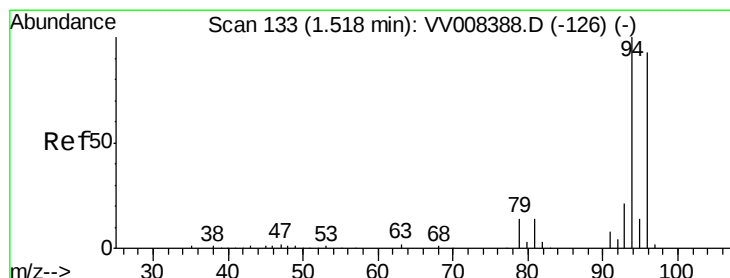
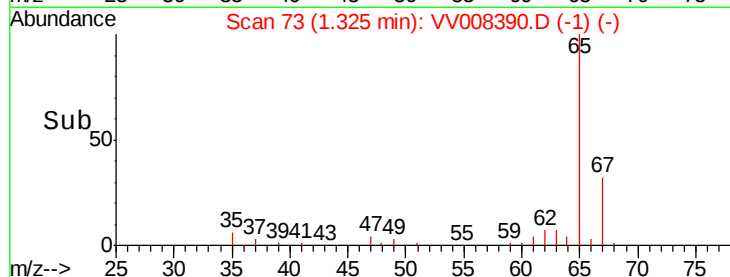
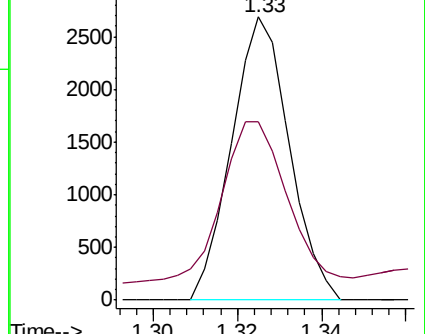
62 100

64 63.0 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 2.372 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.00 min

Lab File: VV008390.D

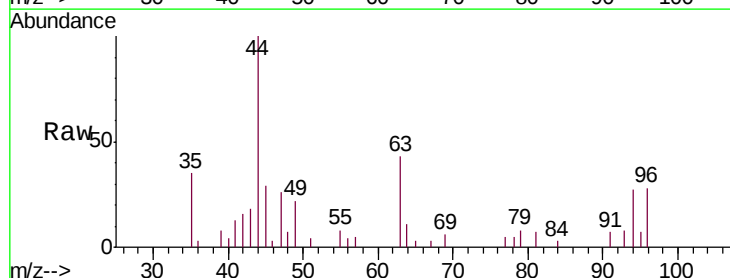
Acq: 24 Oct 2018 14:17

Tgt Ion: 94 Resp: 924

Ion Ratio Lower Upper

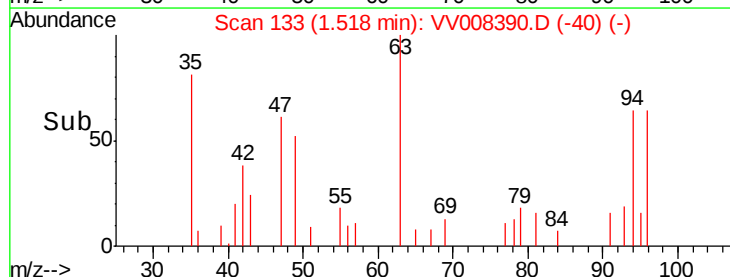
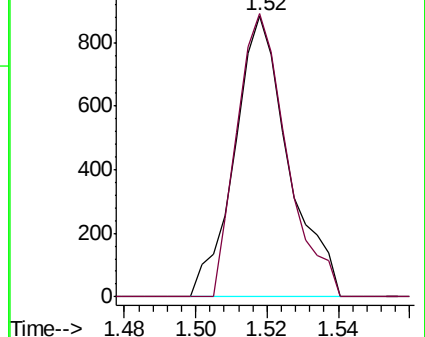
94 100

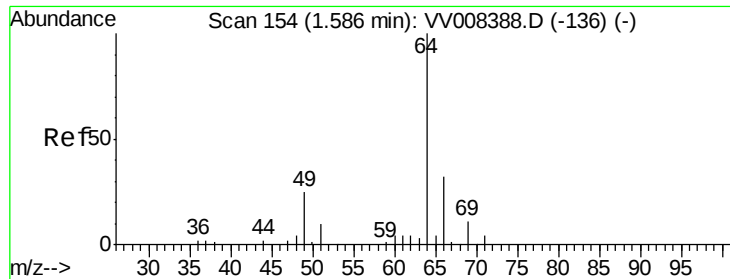
96 100.8 63.8 118.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 2.606 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

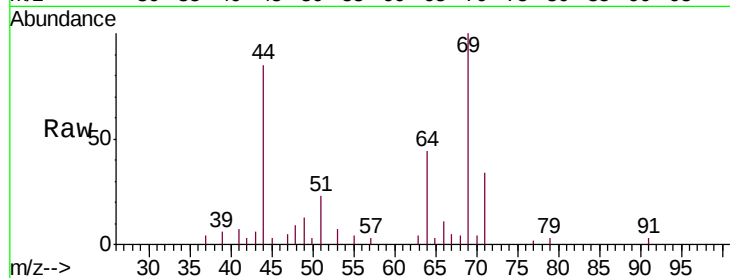
MDL01

Tgt Ion: 64 Resp: 1944

Ion Ratio Lower Upper

64 100

66 25.5 19.9 36.9



Abundance Ion 64.00 (63.70 to 64.70): VV008388.D (-136) (-)

Ion 66.00 (65.70 to 66.70): VV008388.D (-136) (-)

1.59

2000

1500

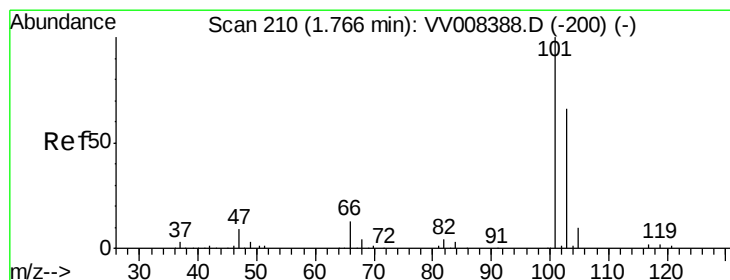
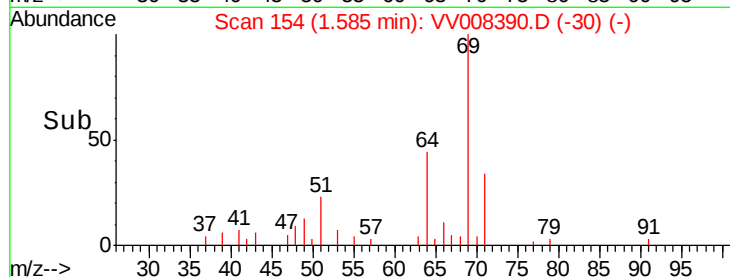
1000

500

0

1.54 1.56 1.58 1.60 1.62

Time-->



#9

Trichlorofluoromethane

Concen: 1.861 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV008390.D

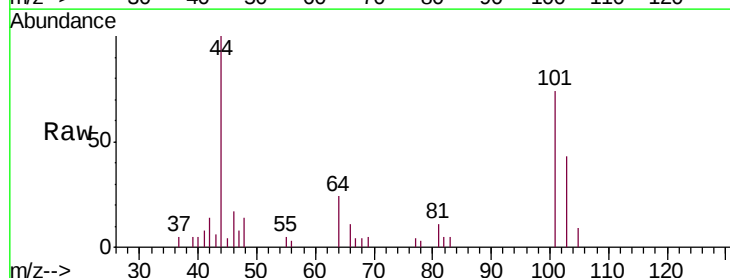
Acq: 24 Oct 2018 14:17

Tgt Ion: 101 Resp: 3401

Ion Ratio Lower Upper

101 100

103 60.7 51.0 76.6



Abundance Ion 101.00 (100.70 to 101.70): VV008388.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV008388.D (-200) (-)

1.77

3000

2500

2000

1500

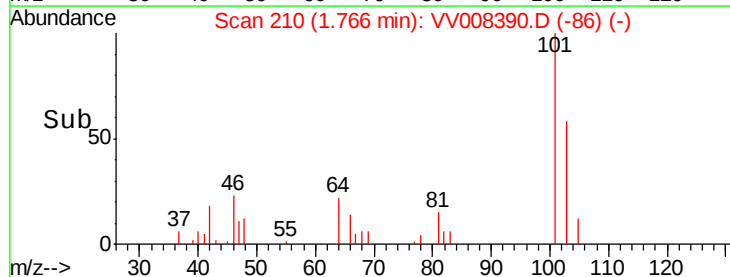
1000

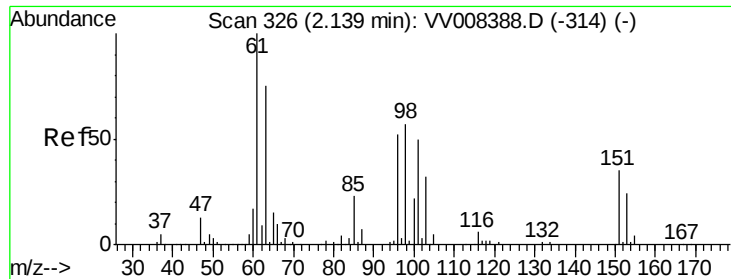
500

0

1.74 1.76 1.78 1.80

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.546 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampled :

MDL01

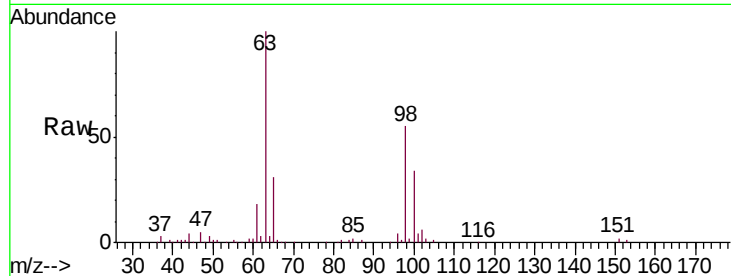
Tgt Ion:101 Resp: 2430

Ion Ratio Lower Upper

101 100

85 36.2 35.6 53.4

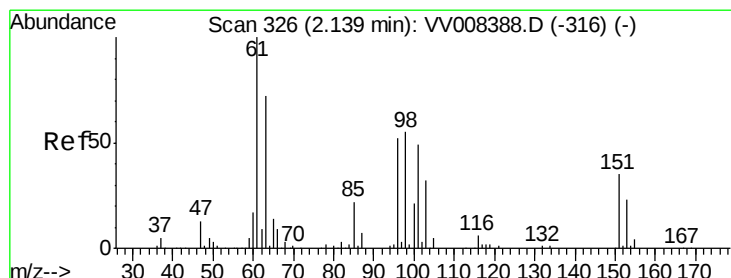
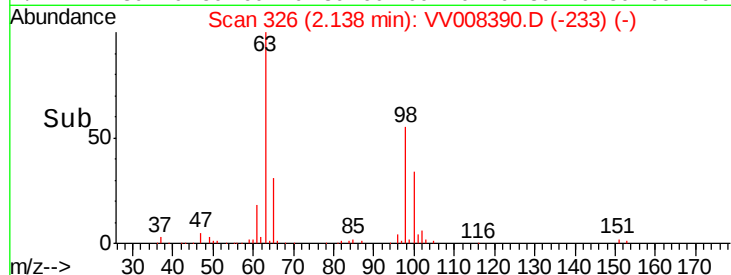
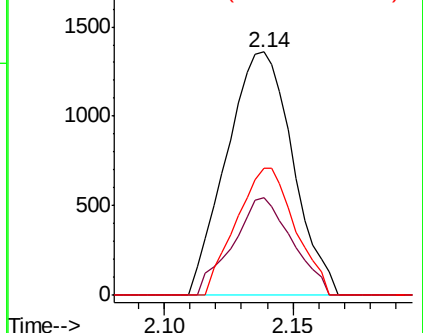
151 46.5 58.1 87.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.339 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

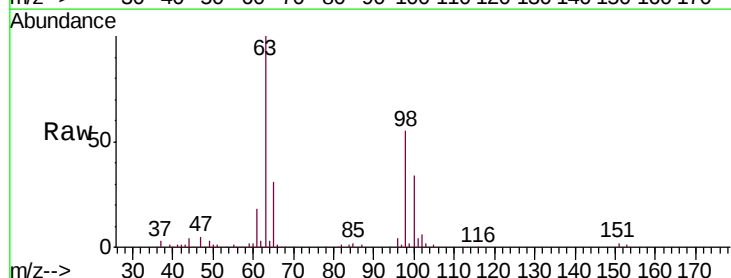
Tgt Ion: 96 Resp: 2102

Ion Ratio Lower Upper

96 100

61 440.5 130.3 242.1#

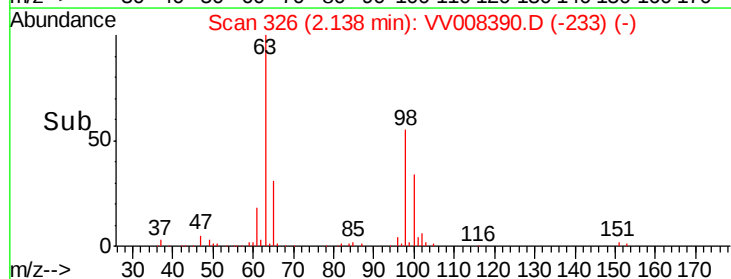
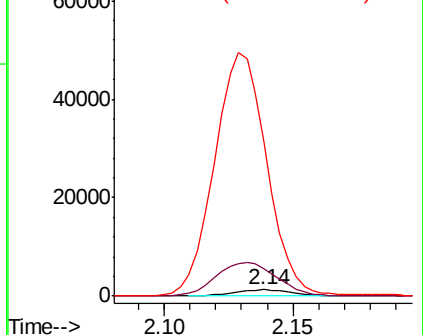
63 2436.1 84.4 156.8#

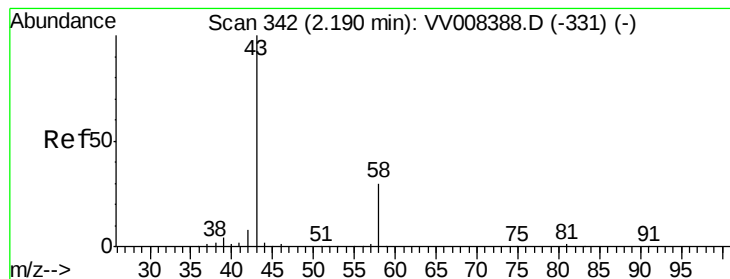


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.524 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

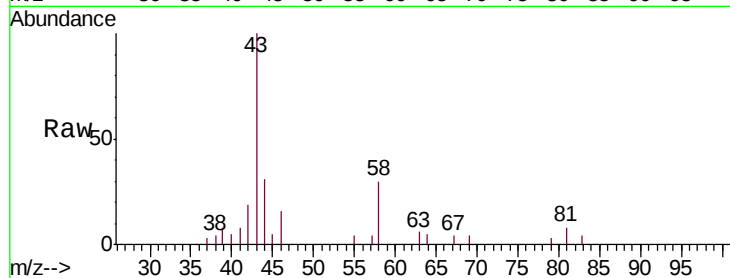
MDL01

Tgt Ion: 43 Resp: 4232

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008388.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008388.D (-331) (-)

3000

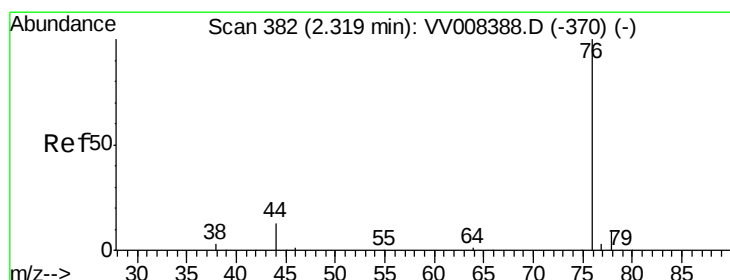
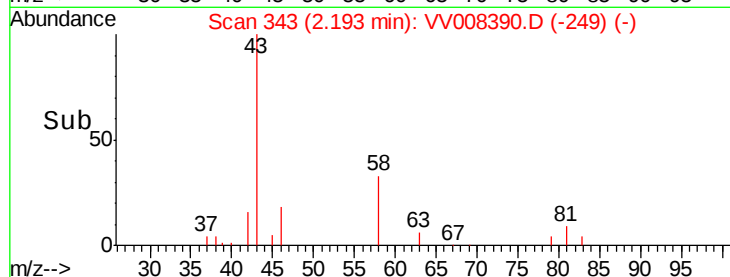
2000

1000

0

2.15 2.20

Time-->



#14

Carbon disulfide

Concen: 1.965 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV008390.D

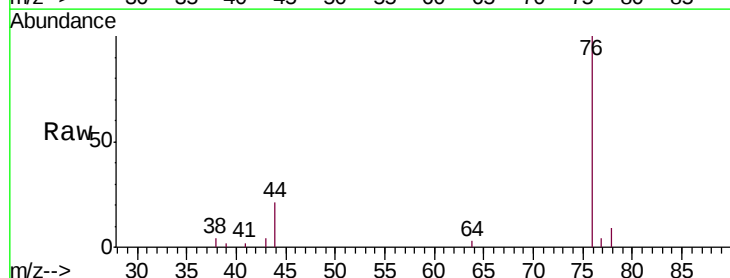
Acq: 24 Oct 2018 14:17

Tgt Ion: 76 Resp: 7956

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV008388.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV008388.D (-370) (-)

6000

5000

4000

3000

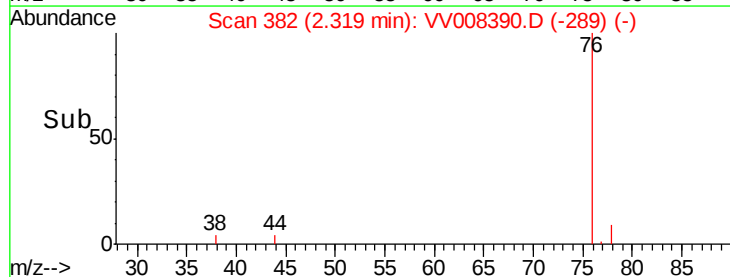
2000

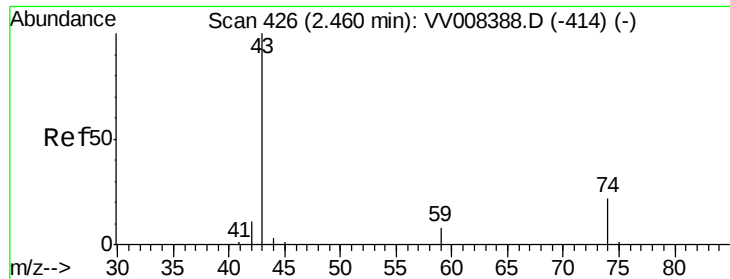
1000

0

2.30 2.35

Time-->





#15

Methyl Acetate

Concen: 1.917 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

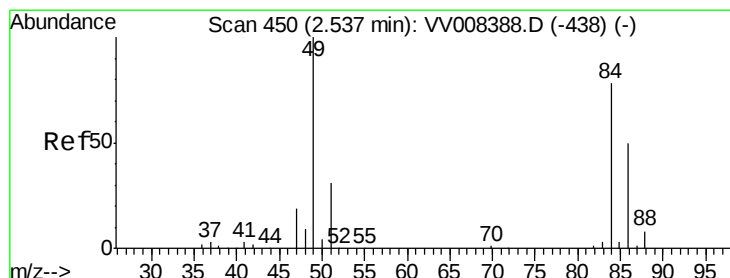
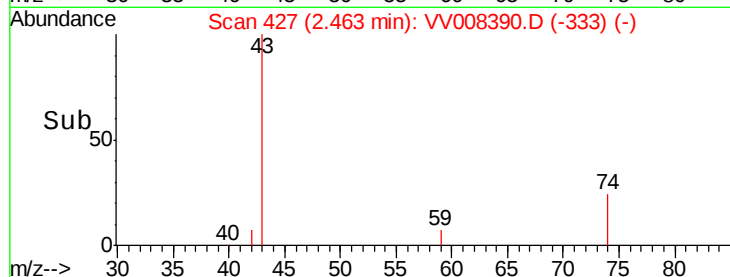
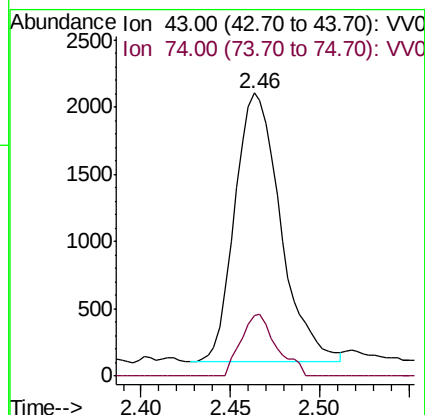
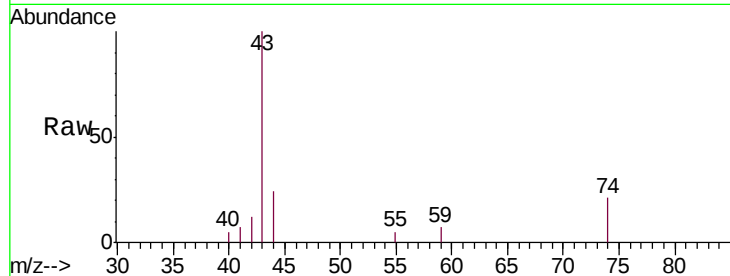
MDL01

Tgt Ion: 43 Resp: 3576

Ion Ratio Lower Upper

43 100

74 17.8 17.8 26.6



#16

Methylene chloride

Concen: 1.931 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

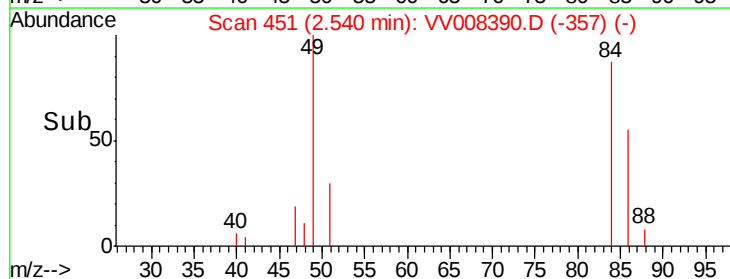
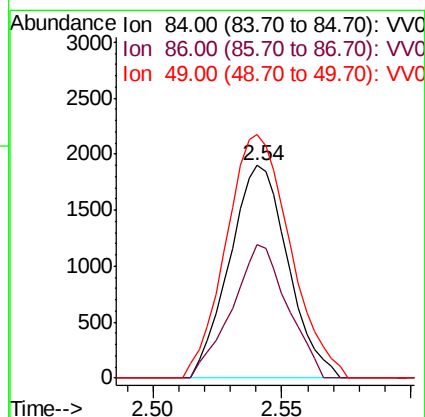
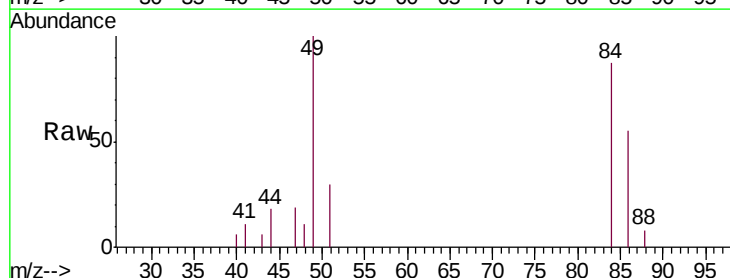
Tgt Ion: 84 Resp: 3006

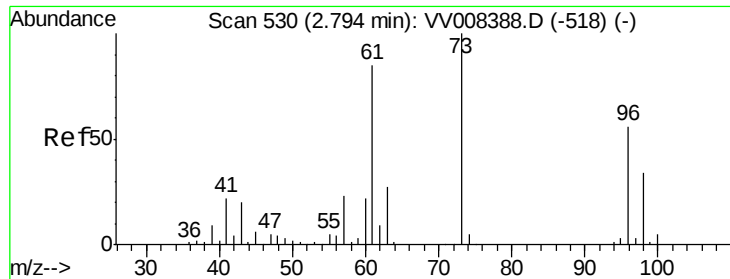
Ion Ratio Lower Upper

84 100

86 62.7 45.6 84.6

49 114.7 90.6 168.3





#17

trans-1,2-Dichloroethene

Concen: 1.853 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

MDL01

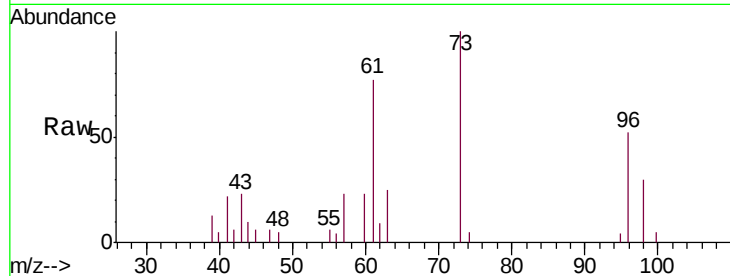
Tgt Ion: 96 Resp: 2539

Ion Ratio Lower Upper

96 100

61 147.8 108.6 201.6

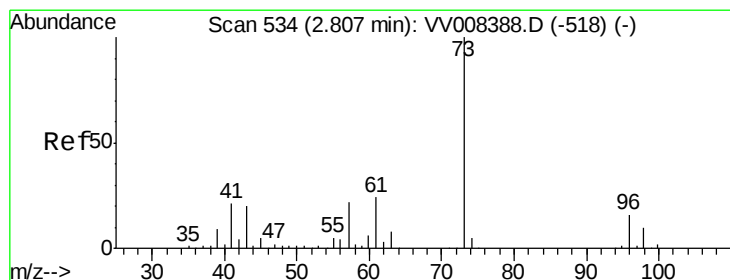
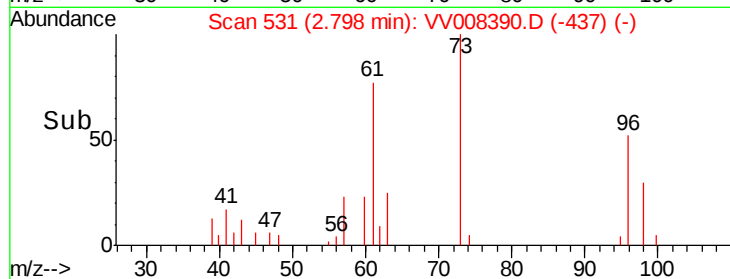
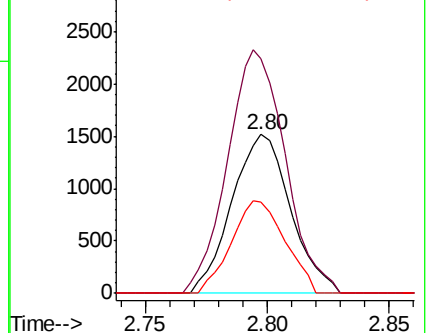
98 57.7 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 1.806 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

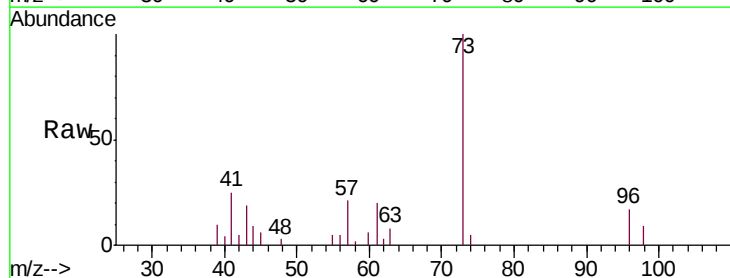
Tgt Ion: 73 Resp: 8854

Ion Ratio Lower Upper

73 100

43 26.3 16.2 24.4#

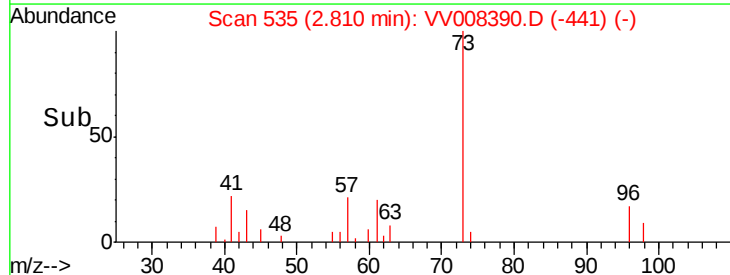
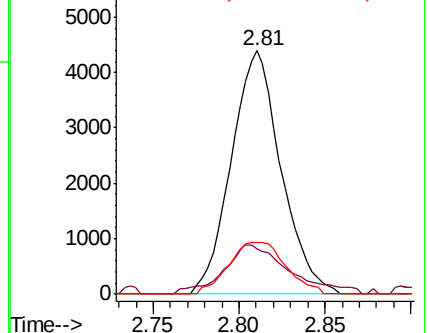
57 24.2 18.2 27.2

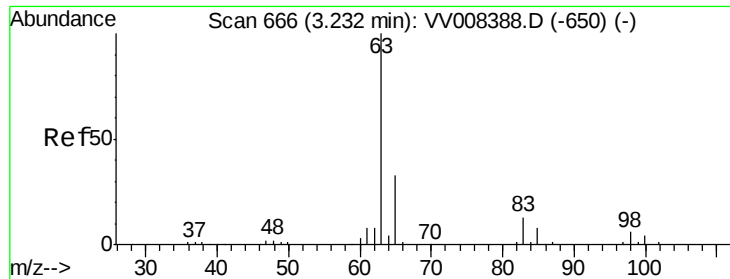


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

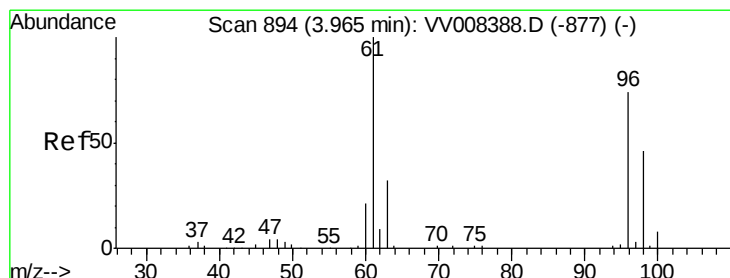
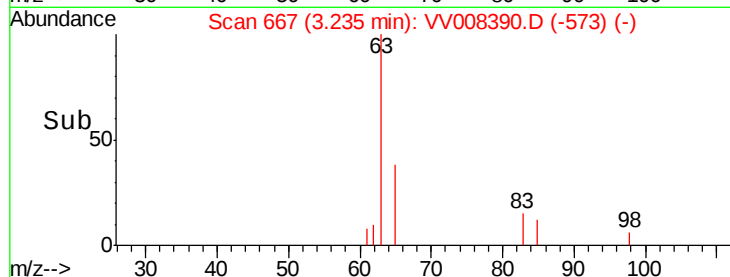
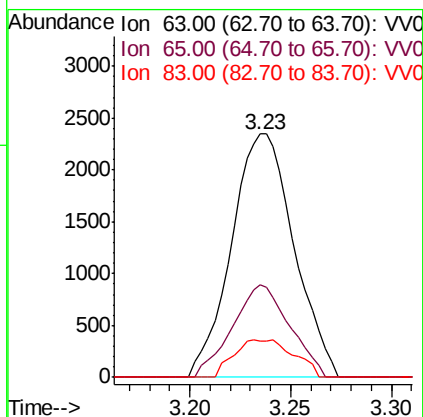
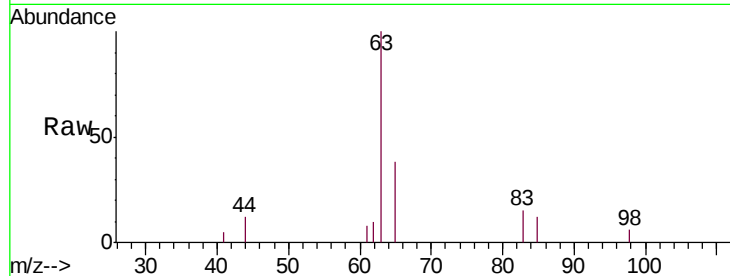




#19
 1,1-Dichloroethane
 Concen: 1.792 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

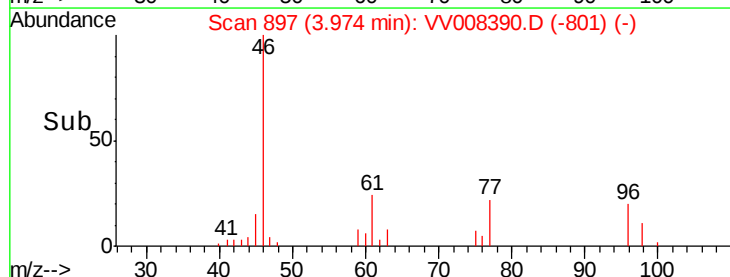
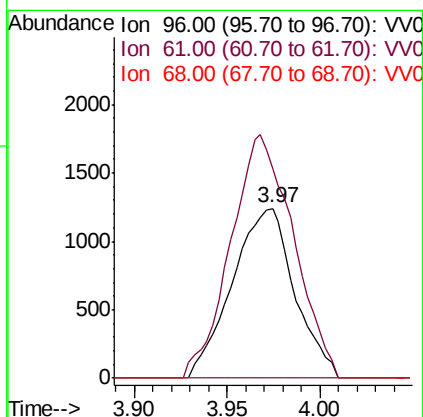
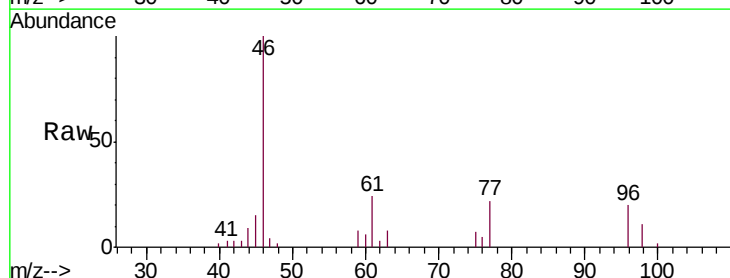
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

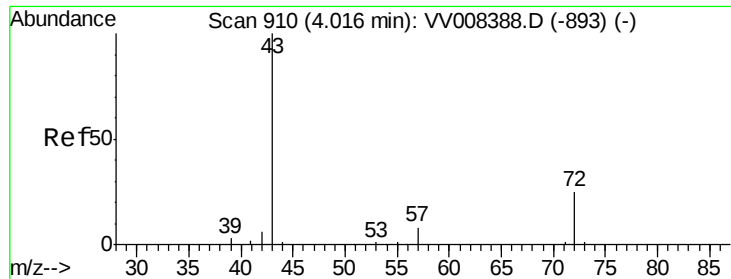
Tgt Ion: 63 Resp: 5063
 Ion Ratio Lower Upper
 63 100
 65 38.2 22.0 40.8
 83 14.8 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 1.859 ug/L
 RT: 3.97 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 96 Resp: 2901
 Ion Ratio Lower Upper
 96 100
 61 122.9 100.9 187.5
 68 0.0 0.0 0.0

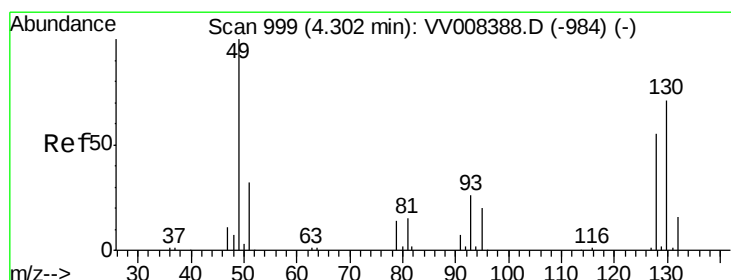
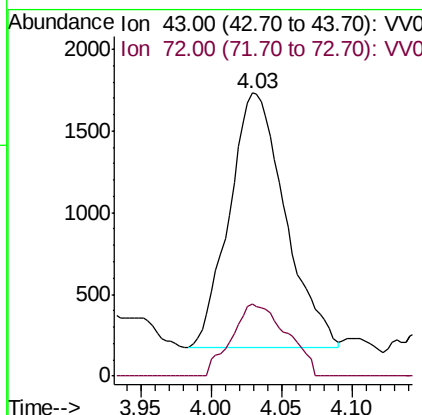
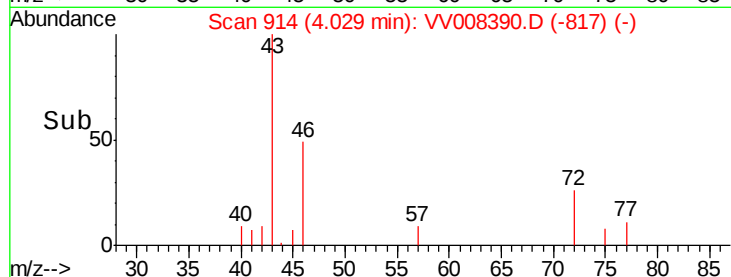
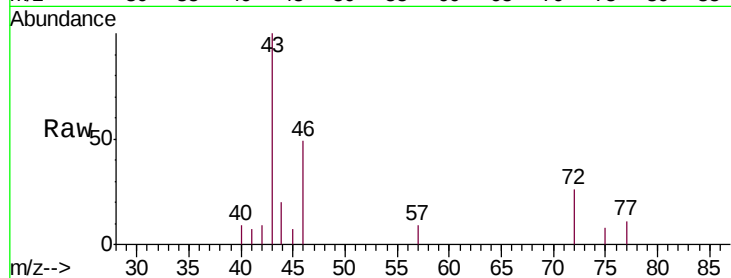




#22
 2-Butanone
 Concen: 3.177 ug/L
 RT: 4.03 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

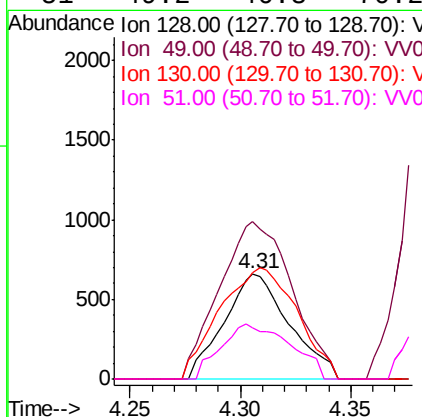
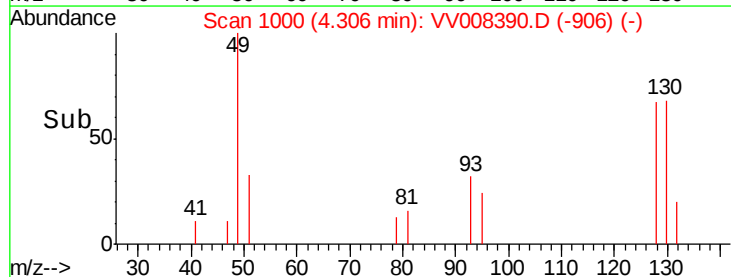
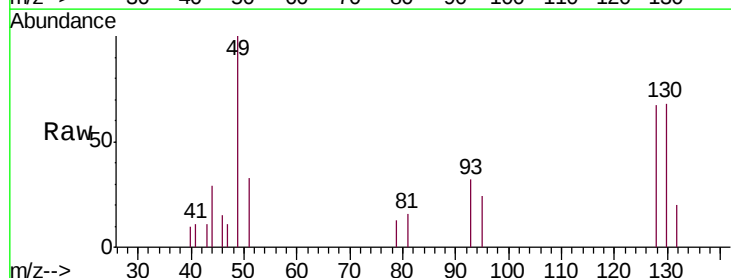
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

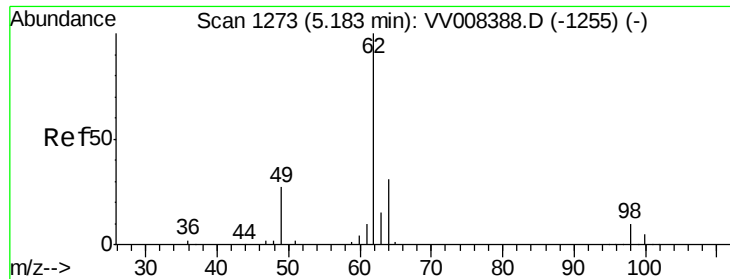
Tgt Ion: 43 Resp: 4293
 Ion Ratio Lower Upper
 43 100
 72 28.0 13.0 38.9



#23
 Bromochloromethane
 Concen: 1.839 ug/L
 RT: 4.31 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 128 Resp: 1354
 Ion Ratio Lower Upper
 128 100
 49 149.2 128.0 237.8
 130 101.1 89.2 165.8
 51 49.2 46.8 70.2

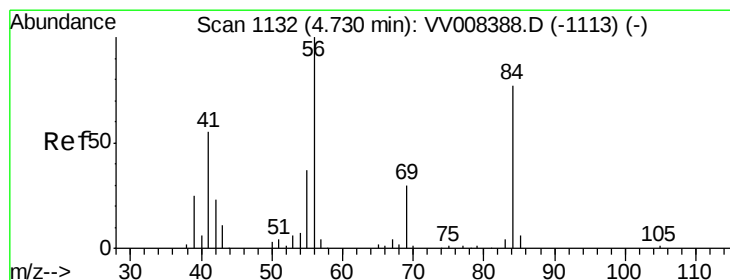
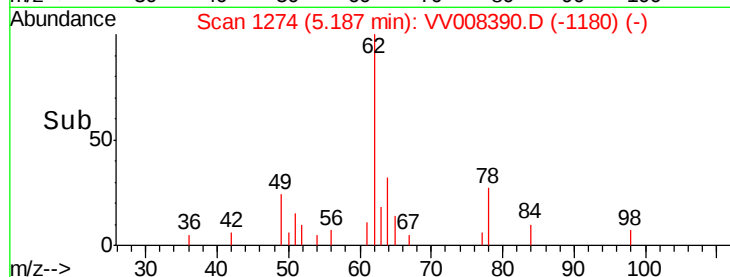
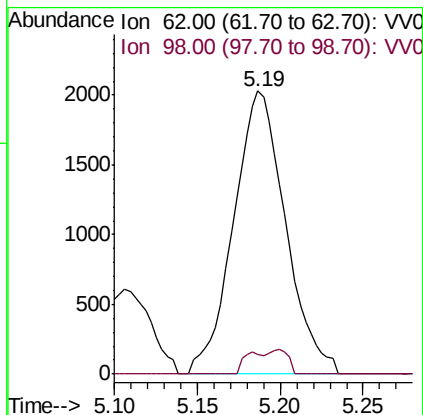
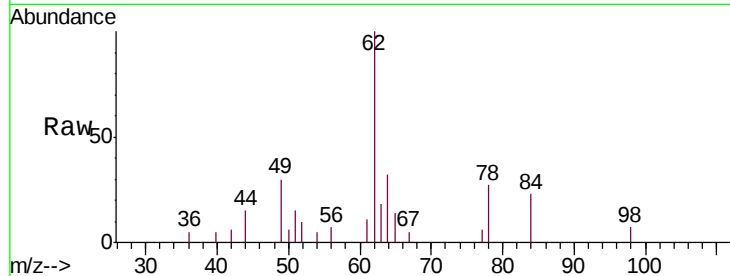




#27
 1,2-Dichloroethane
 Concen: 1.922 ug/L
 RT: 5.19 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

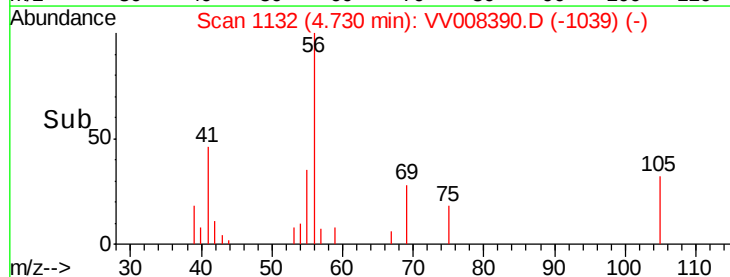
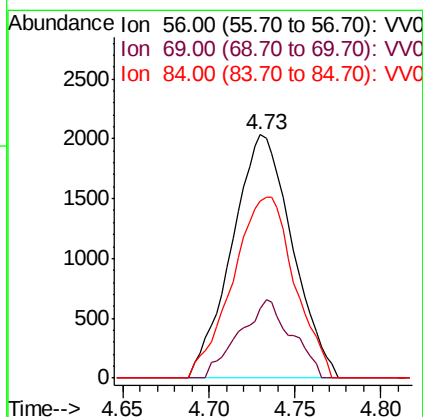
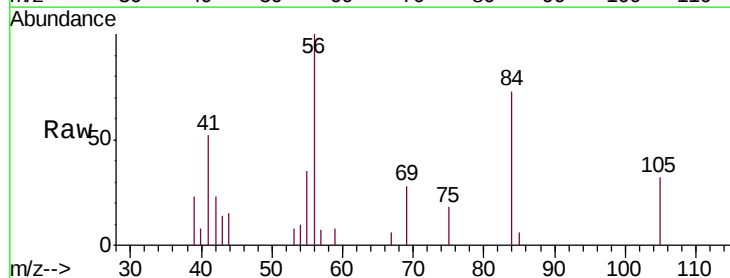
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

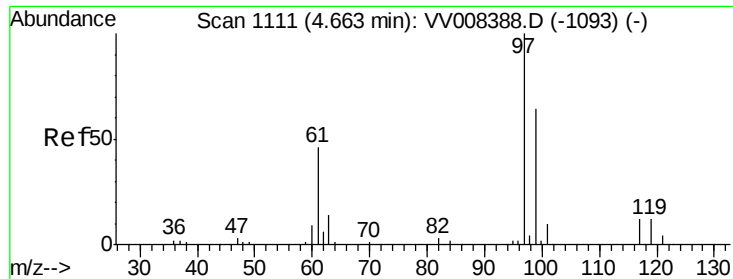
Tgt Ion: 62 Resp: 4428
 Ion Ratio Lower Upper
 62 100
 98 7.1 6.6 9.8



#29
 Cyclohexane
 Concen: 1.901 ug/L
 RT: 4.73 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 56 Resp: 4944
 Ion Ratio Lower Upper
 56 100
 69 28.0 24.6 37.0
 84 76.3 65.0 97.4

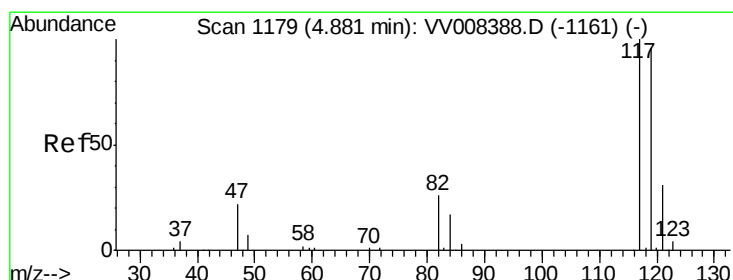
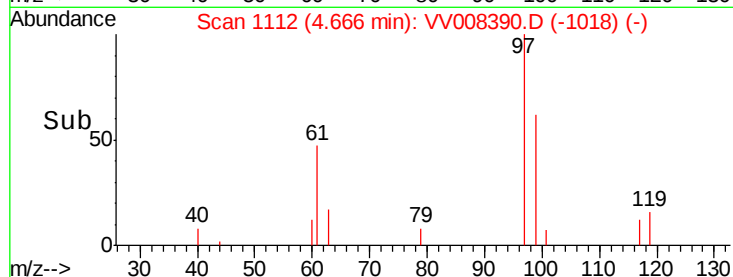
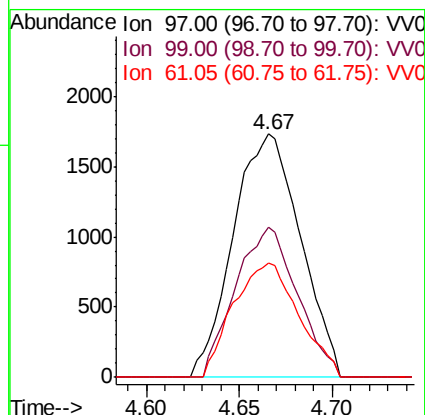
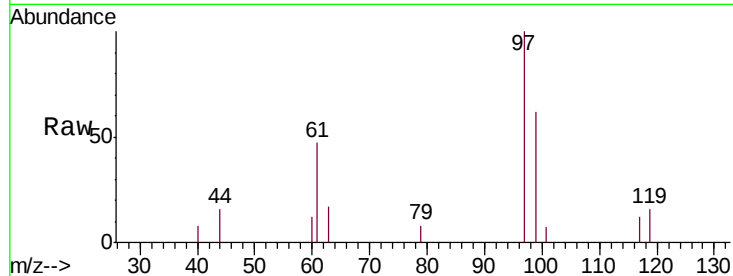




#30
 1,1,1-Trichloroethane
 Concen: 1.883 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

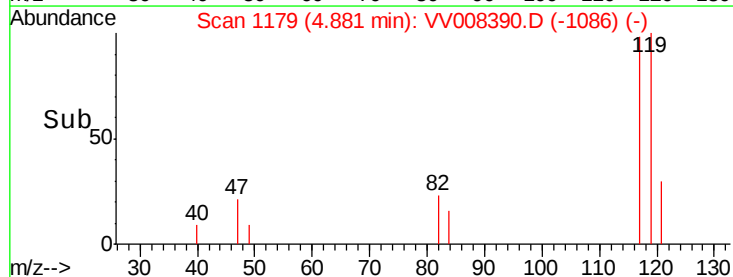
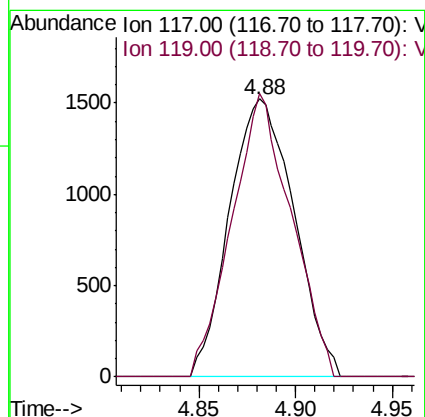
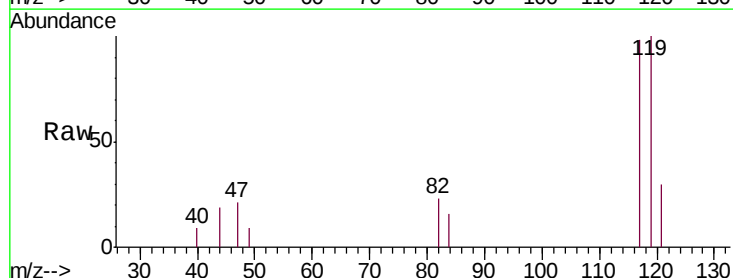
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

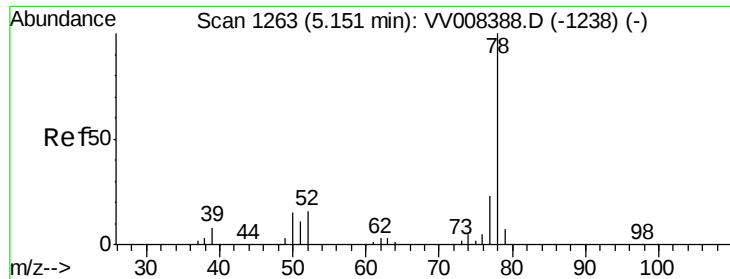
Tgt Ion: 97 Resp: 4361
 Ion Ratio Lower Upper
 97 100
 99 56.8 51.6 77.4
 61 45.5 36.5 54.7



#31
 Carbon tetrachloride
 Concen: 1.794 ug/L
 RT: 4.88 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 117 Resp: 3527
 Ion Ratio Lower Upper
 117 100
 119 93.9 75.8 113.8





#33

Benzene

Concen: 1.950 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

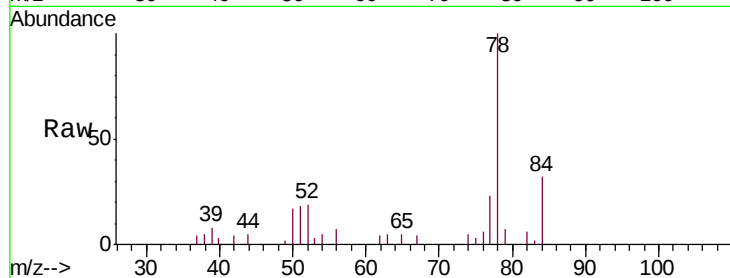
Instrument :

MSVOA_V

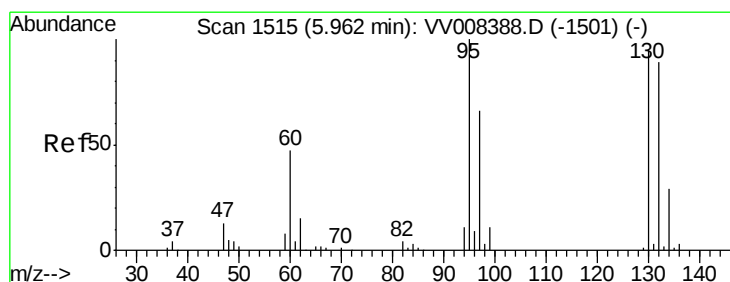
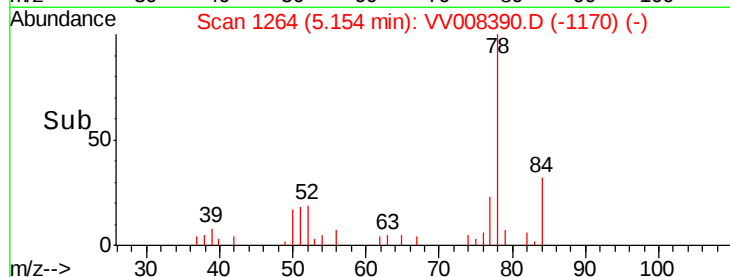
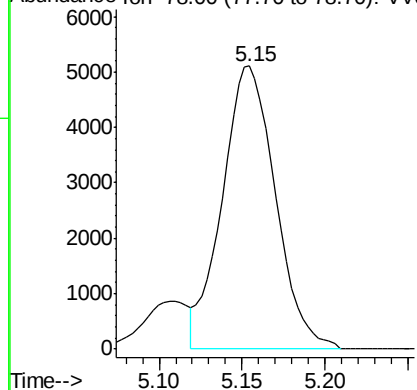
ClientSampled :

MDL01

Tgt Ion: 78 Resp: 11384



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 2.072 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Tgt Ion: 95 Resp: 3098

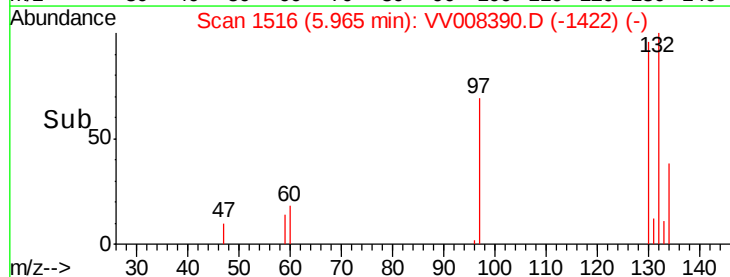
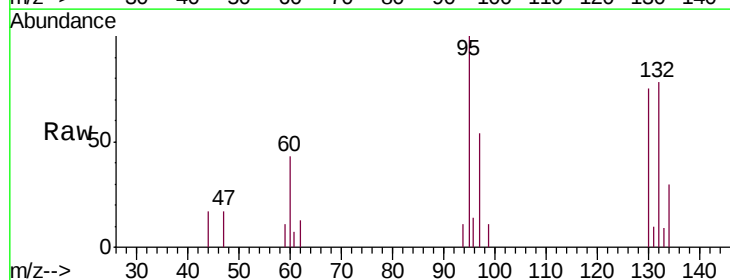
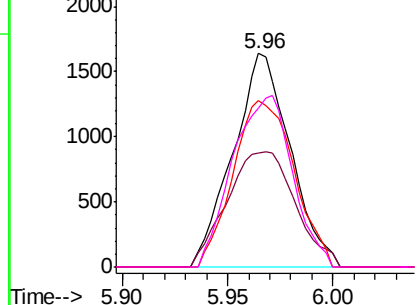
Ion	Ratio	Lower	Upper
95	100		
97	53.6	45.2	84.0
132	78.0	63.8	118.6
130	74.6	64.7	120.1

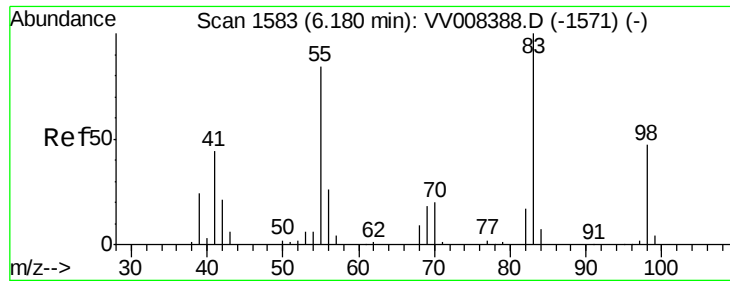
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

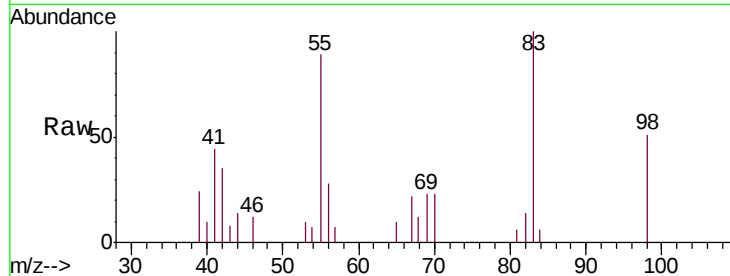




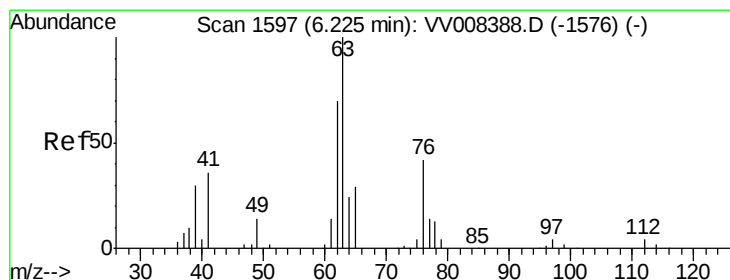
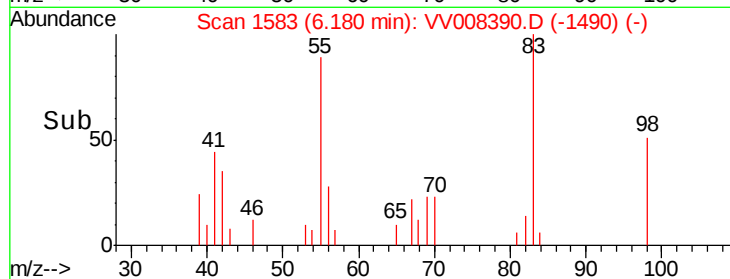
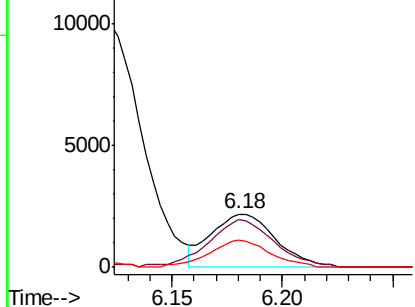
#35
Methylcyclohexane
Concen: 1.755 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion: 83 Resp: 4460
Ion Ratio Lower Upper
83 100
55 89.1 65.0 97.4
98 47.5 36.0 54.0

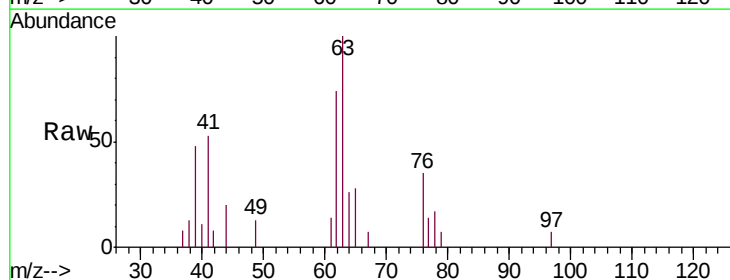


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

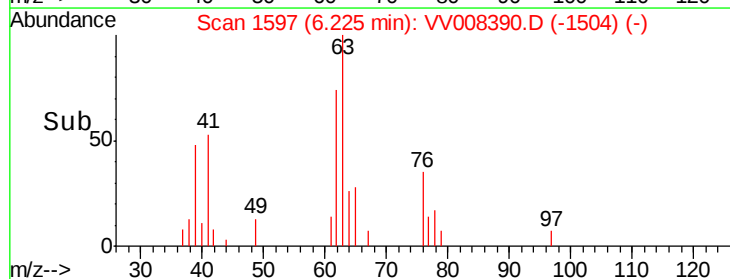
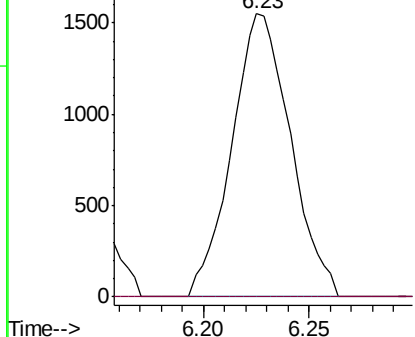


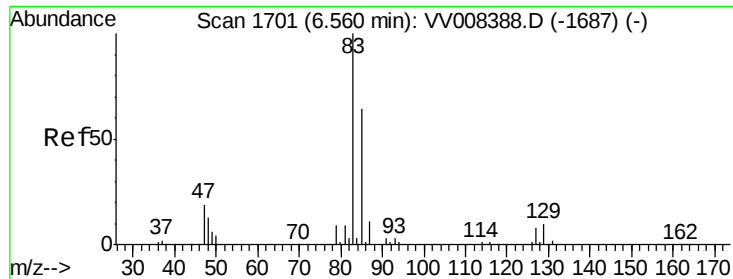
#37
1,2-Dichloropropane
Concen: 1.860 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 63 Resp: 2999
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

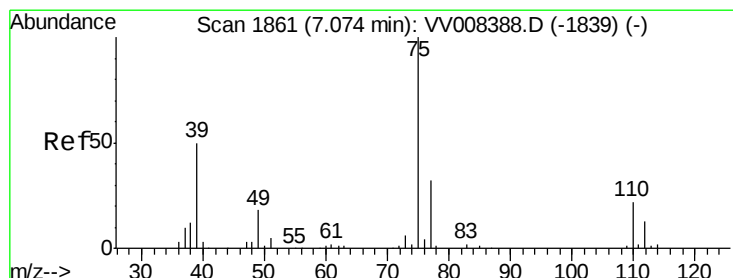
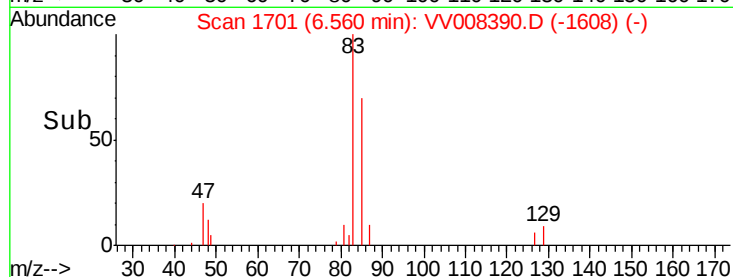
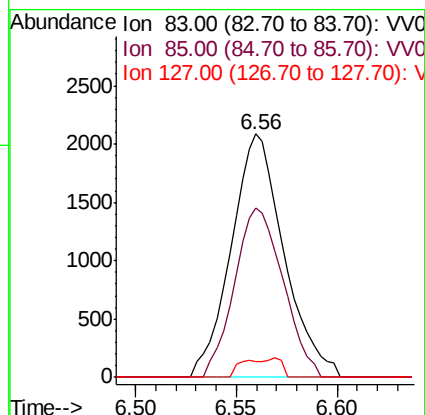
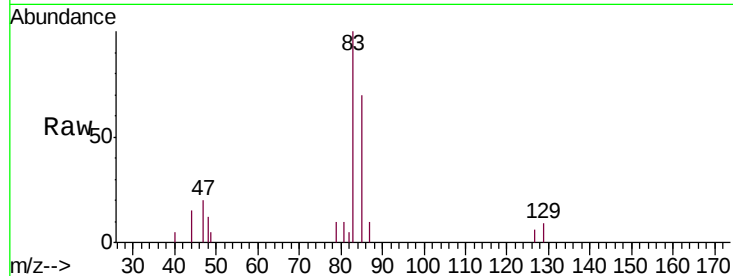




#38
 Bromodichloromethane
 Concen: 1.853 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

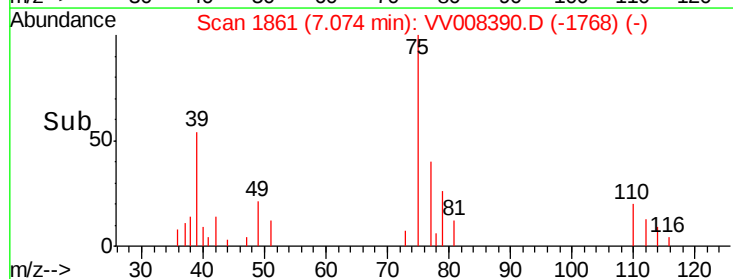
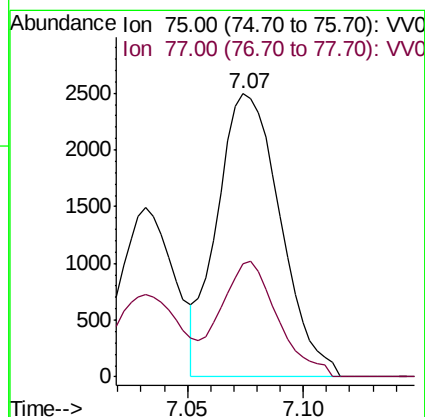
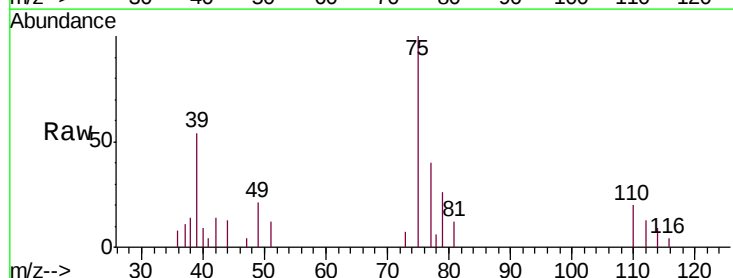
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

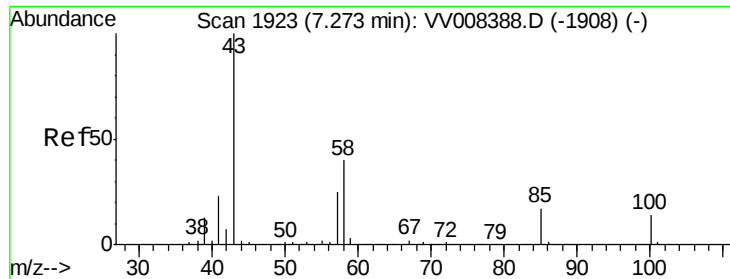
Tgt Ion: 83 Resp: 3808
 Ion Ratio Lower Upper
 83 100
 85 69.6 44.3 82.3
 127 6.5 6.3 9.5



#39
 cis-1,3-Dichloropropene
 Concen: 1.867 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 4732
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.6 42.0

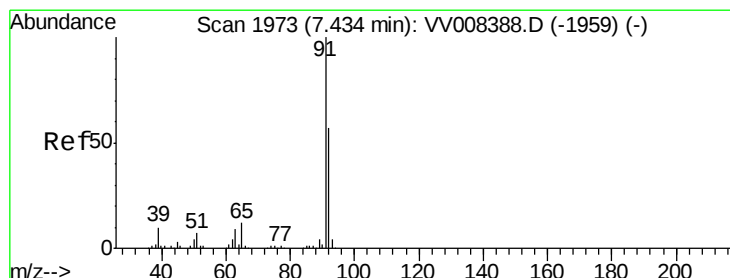
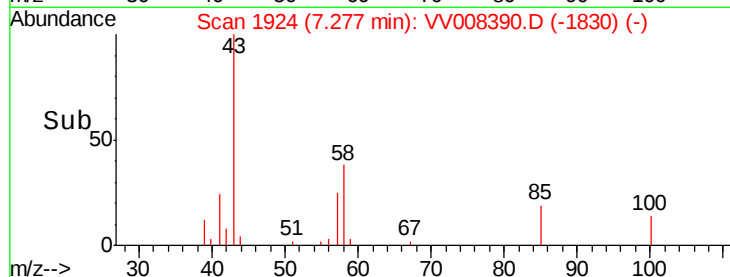
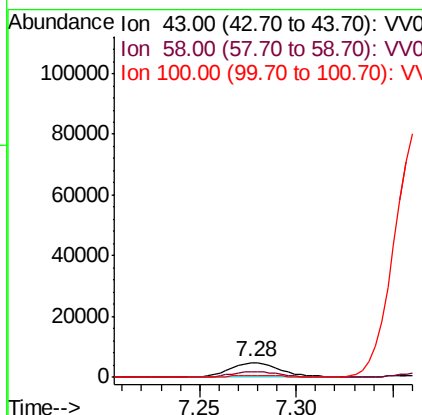
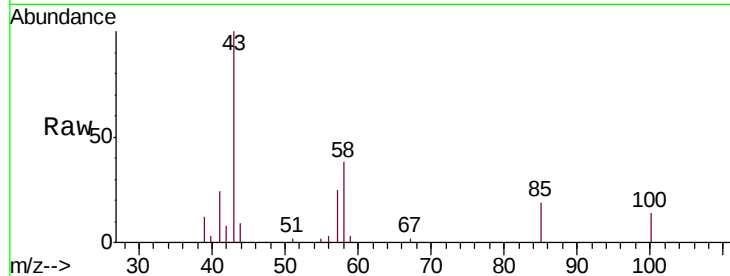




#40
 4-Methyl-2-pentanone
 Concen: 3.449 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

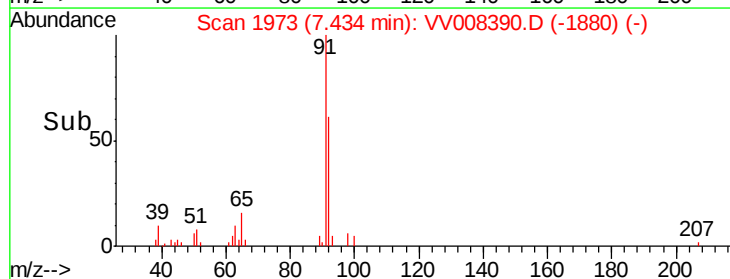
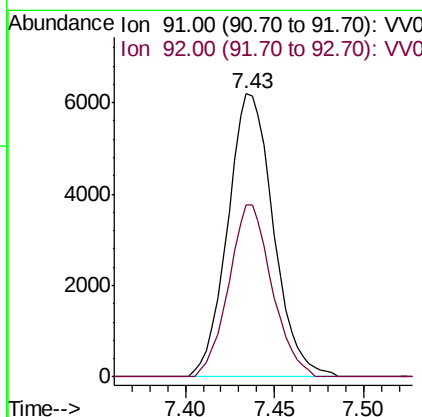
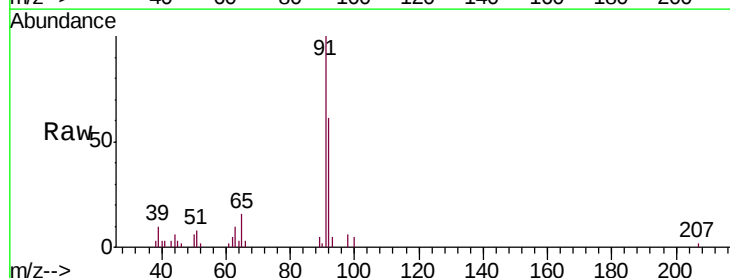
Instrument :
 MSVOA_V
 ClientSampleID :
 MDL01

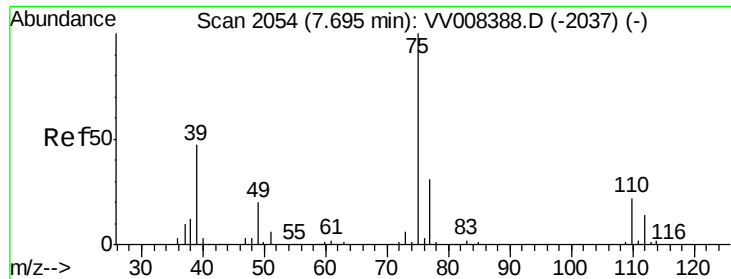
Tgt Ion: 43 Resp: 8236
 Ion Ratio Lower Upper
 43 100
 58 40.6 30.9 46.3
 100 13.7 10.9 16.3



#42
 Toluene
 Concen: 1.826 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 91 Resp: 11074
 Ion Ratio Lower Upper
 91 100
 92 60.7 39.5 73.4

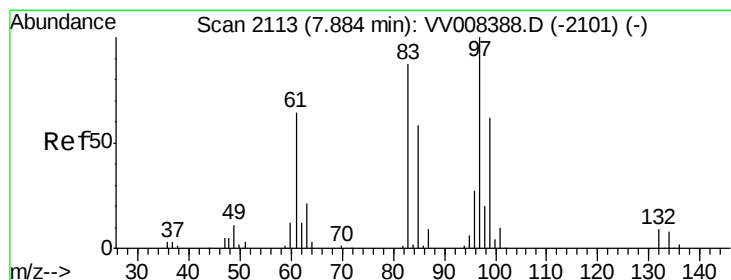
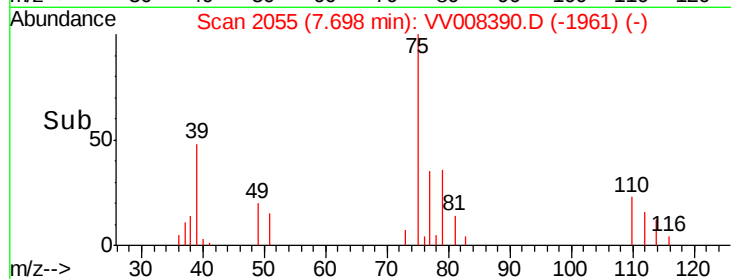
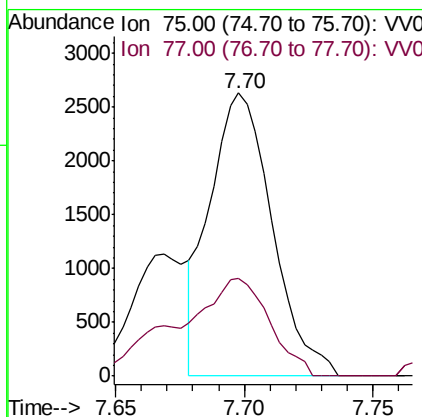
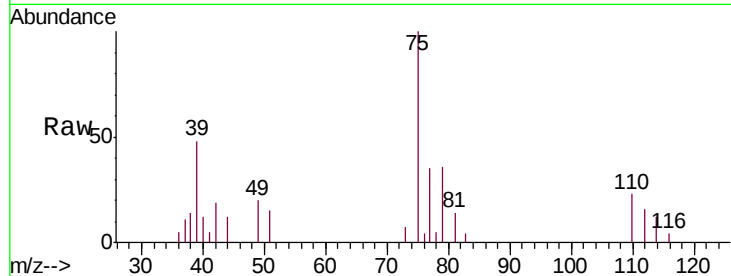




#44
trans-1,3-Dichloropropene
Concen: 1.864 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

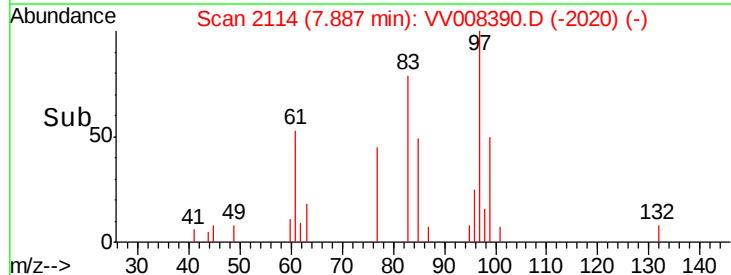
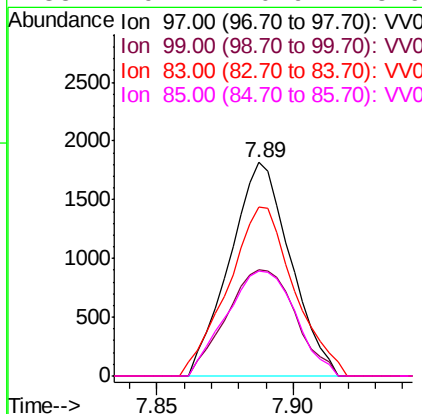
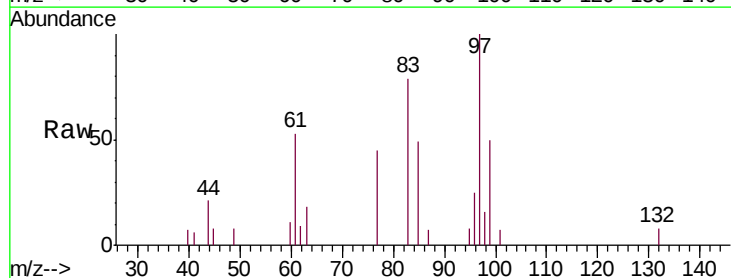
Instrument :
MSVOA_V
ClientSampled :
MDL01

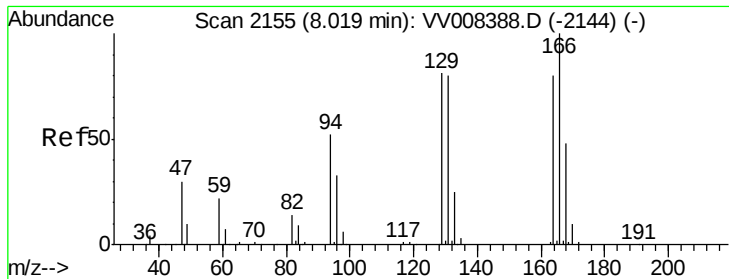
Tgt Ion: 75 Resp: 4421
Ion Ratio Lower Upper
75 100
77 34.7 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 1.967 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 97 Resp: 2804
Ion Ratio Lower Upper
97 100
99 49.6 43.3 80.3
83 79.4 61.9 114.9
85 49.4 40.9 75.9

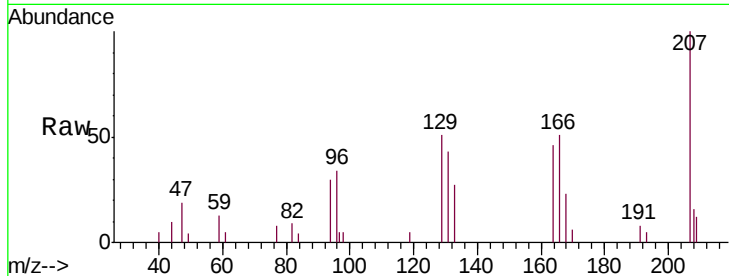




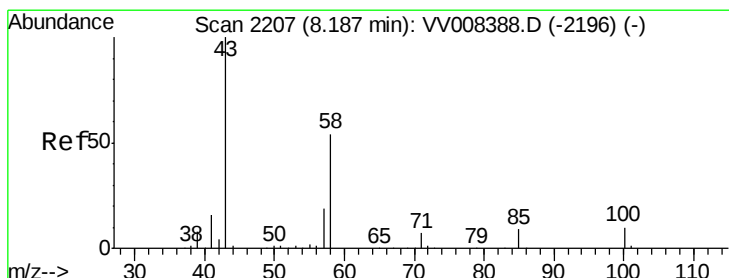
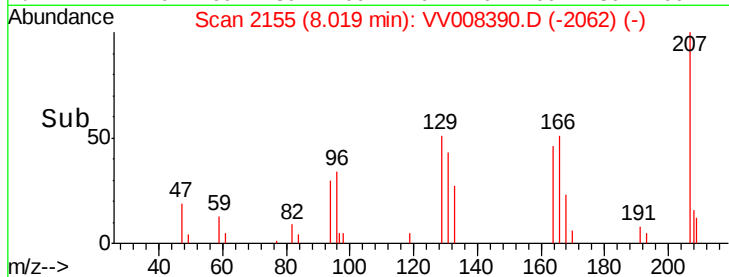
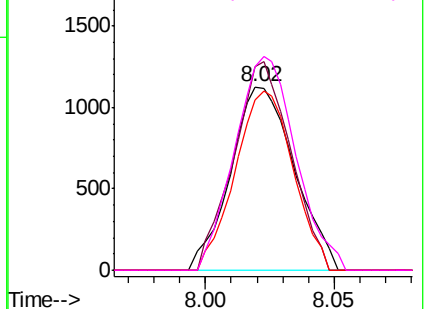
#46
Tetrachloroethene
Concen: 1.989 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:164 Resp: 1938
Ion Ratio Lower Upper
164 100
129 111.0 75.0 139.2
131 92.6 71.3 132.3
166 110.8 89.2 165.6

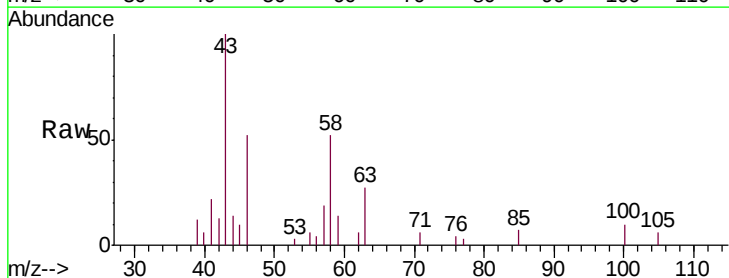


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

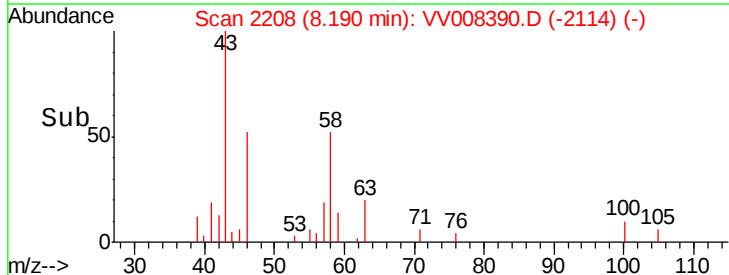
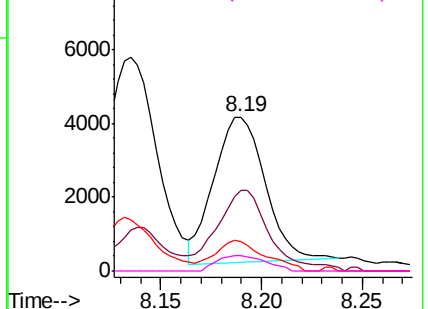


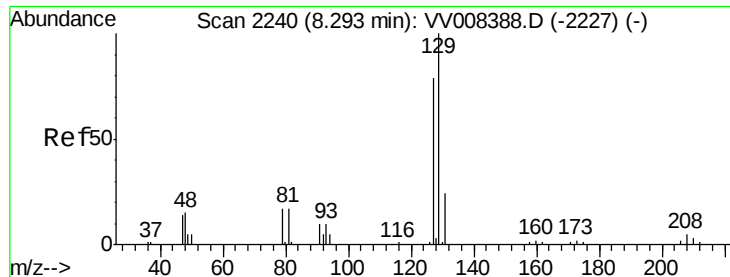
#48
2-Hexanone
Concen: 3.817 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 7033
Ion Ratio Lower Upper
43 100
58 56.3 42.6 63.8
57 20.2 14.8 22.2
100 10.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 1.693 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

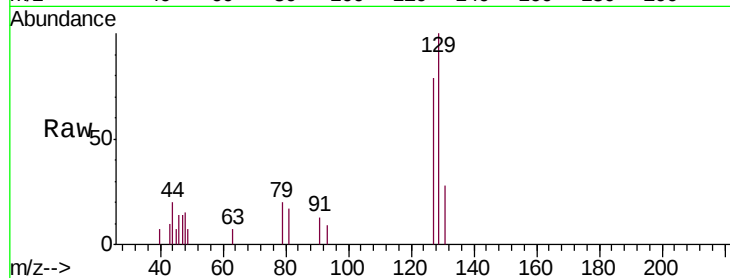
MDL01

Tgt Ion:129 Resp: 2594

Ion Ratio Lower Upper

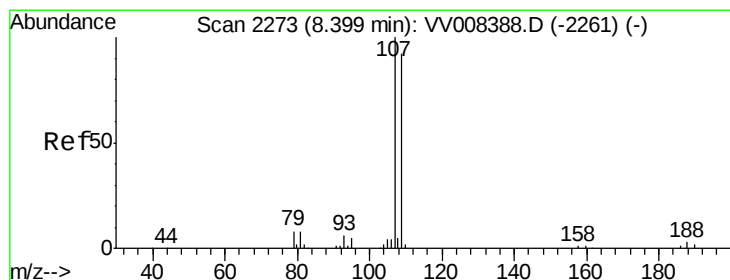
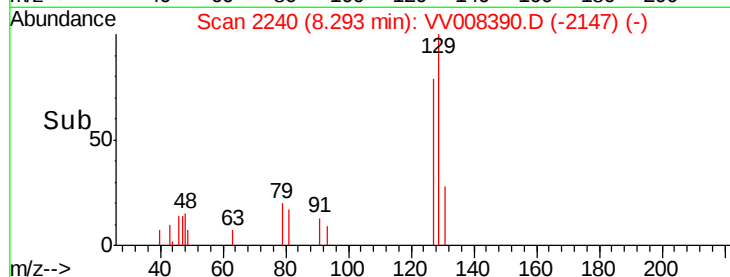
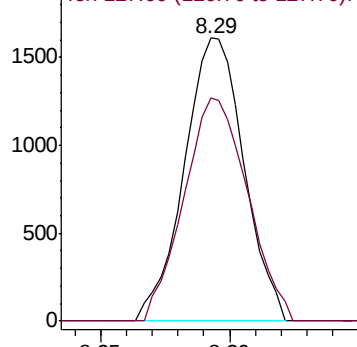
129 100

127 79.1 54.9 101.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 1.766 ug/L

RT: 8.40 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

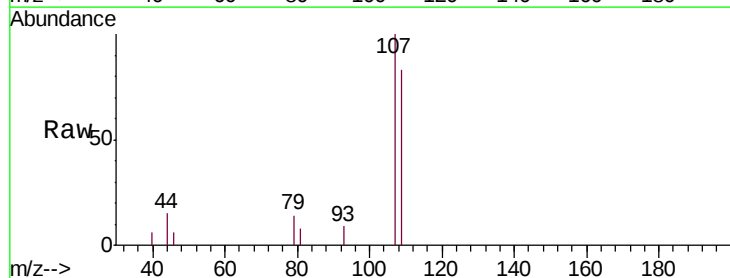
Tgt Ion:107 Resp: 2642

Ion Ratio Lower Upper

107 100

109 82.9 65.2 121.2

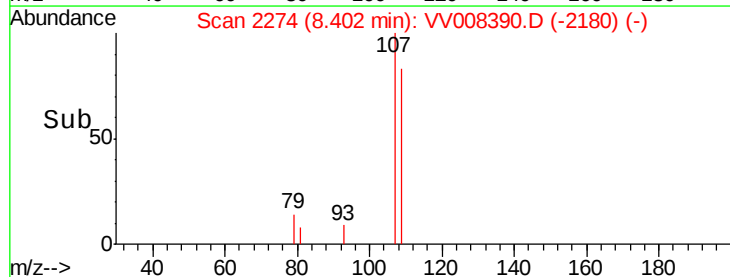
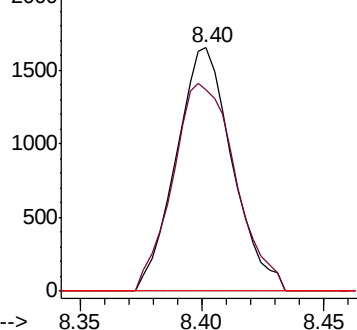
188 0.0 2.3 3.5#

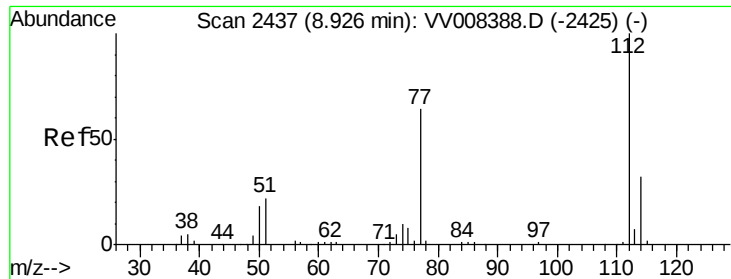


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

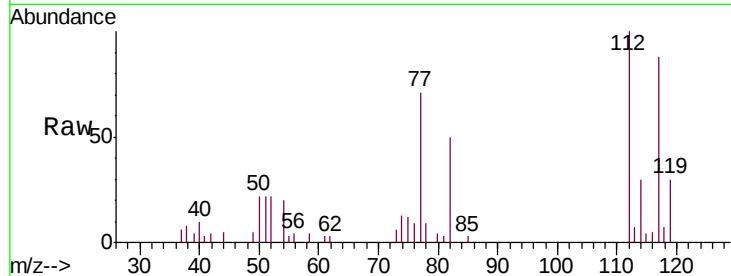




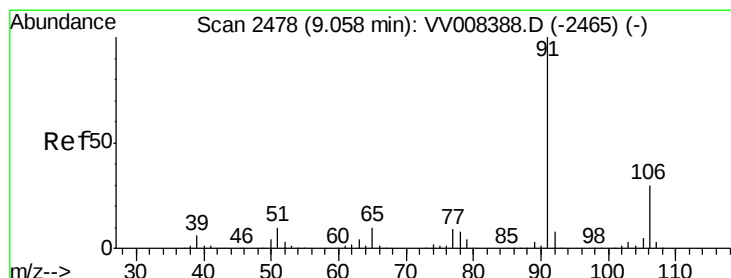
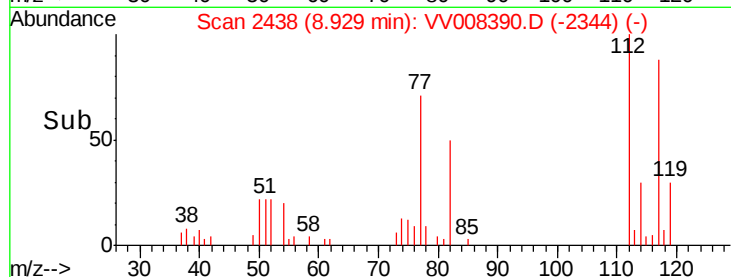
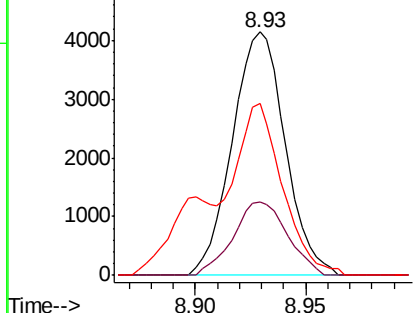
#51
Chlorobenzene
Concen: 1.849 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion: 112 Resp: 6905
Ion Ratio Lower Upper
112 100
114 30.0 22.5 41.7
77 70.6 52.0 78.0

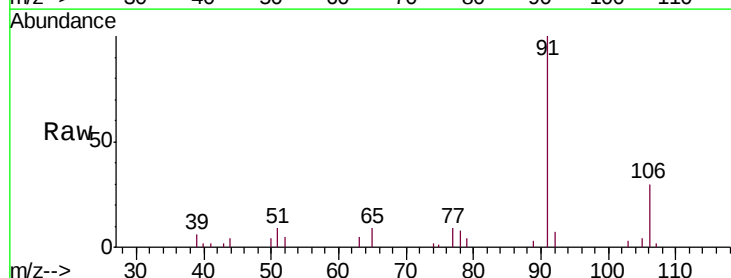


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

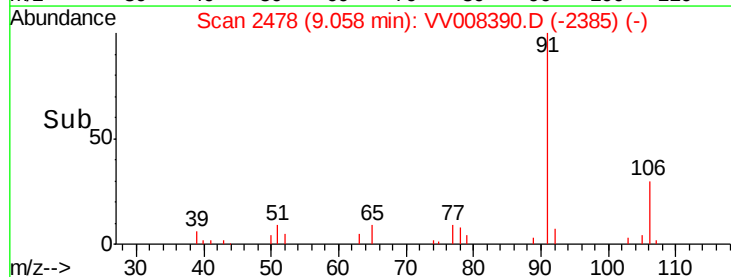
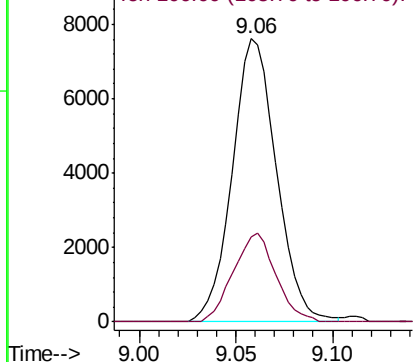


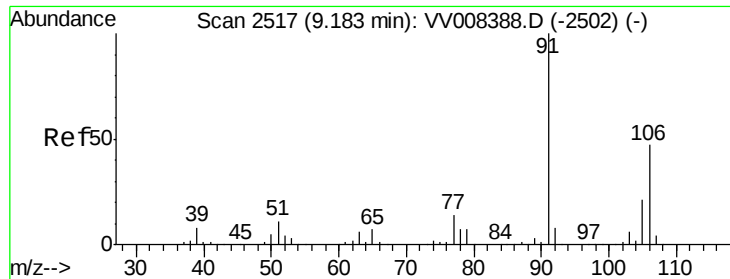
#52
Ethylbenzene
Concen: 1.780 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 91 Resp: 12095
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.716 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

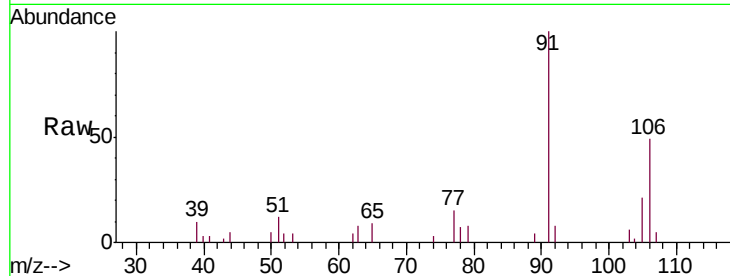
MDL01

Tgt Ion:106 Resp: 4260

Ion Ratio Lower Upper

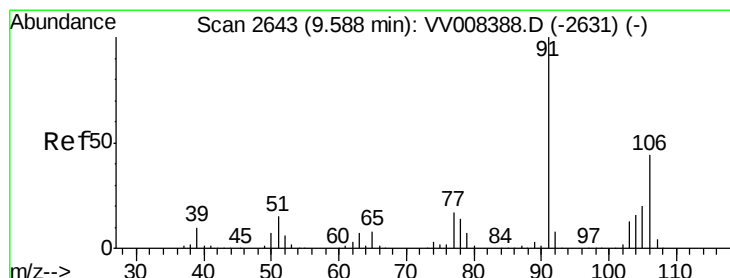
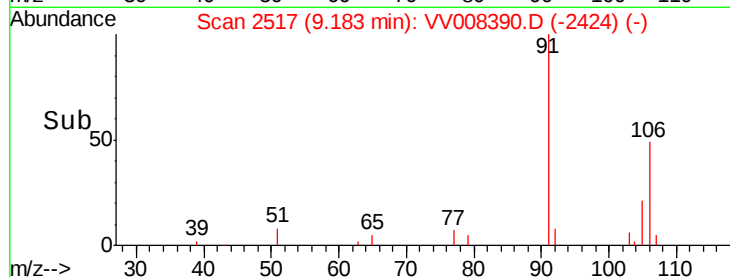
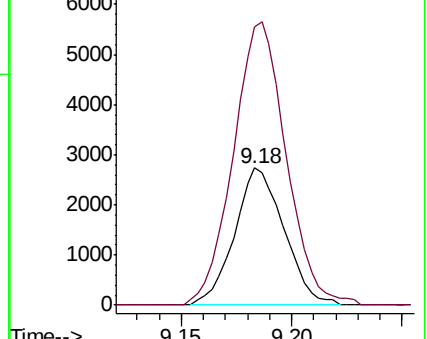
106 100

91 202.2 150.0 278.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.795 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV008390.D

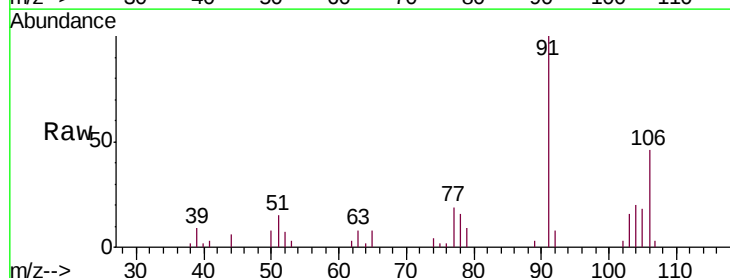
Acq: 24 Oct 2018 14:17

Tgt Ion:106 Resp: 4450

Ion Ratio Lower Upper

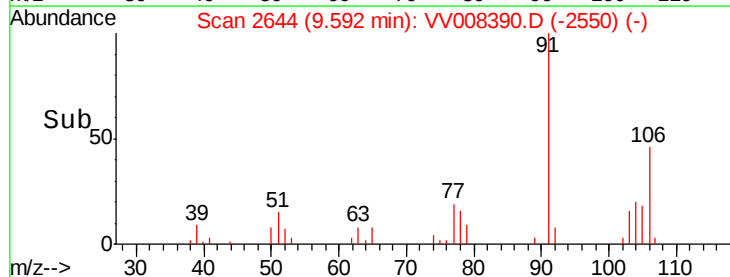
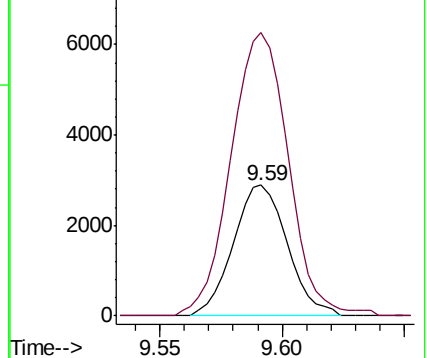
106 100

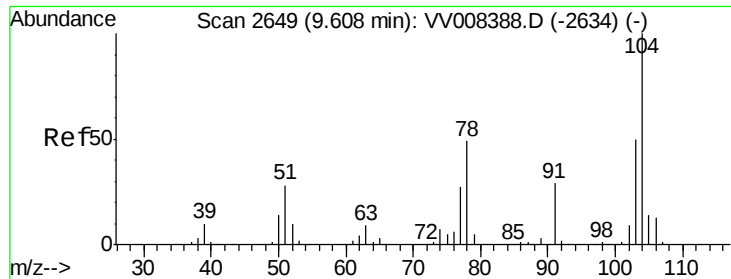
91 216.2 158.7 294.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Styrene

Concen: 1.721 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampled :

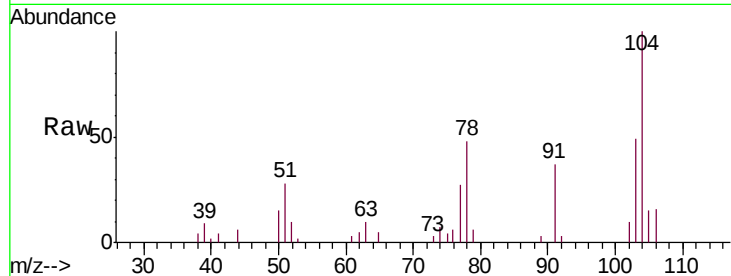
MDL01

Tgt Ion:104 Resp: 7185

Ion Ratio Lower Upper

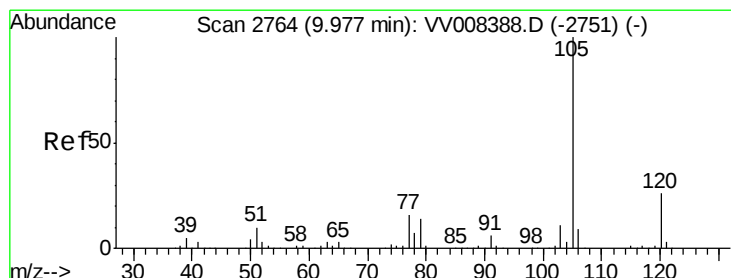
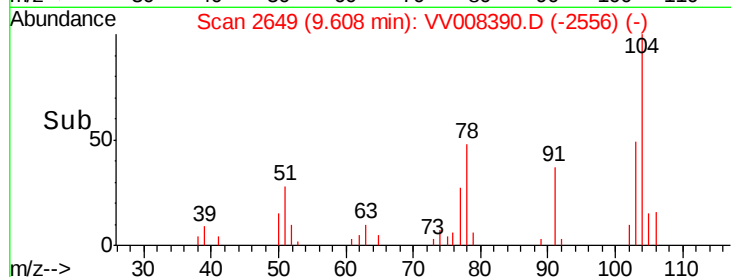
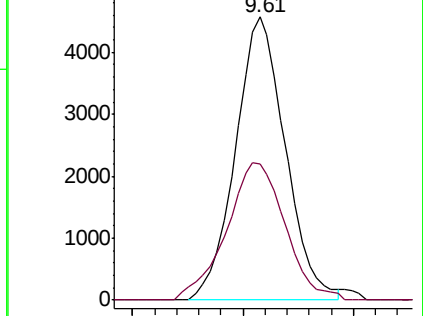
104 100

78 48.2 34.4 64.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



#56

Isopropylbenzene

Concen: 1.670 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

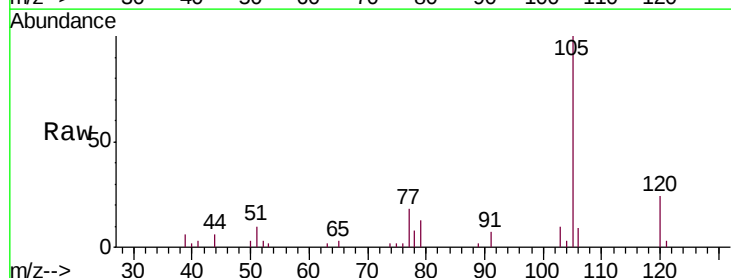
Tgt Ion:105 Resp: 10828

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

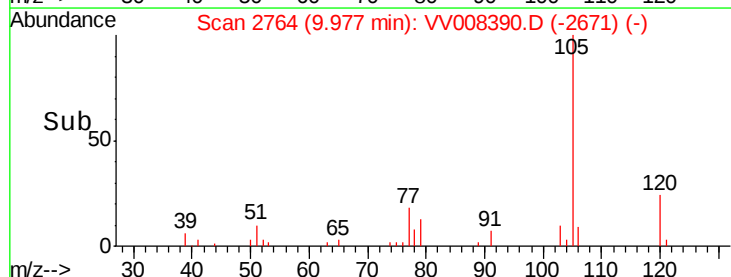
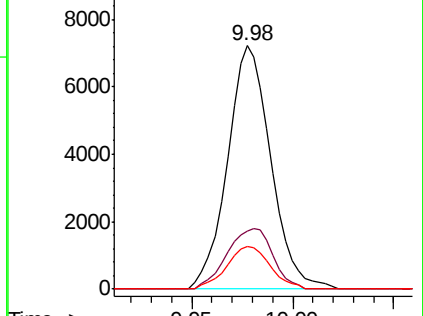
77 17.7 13.5 20.3

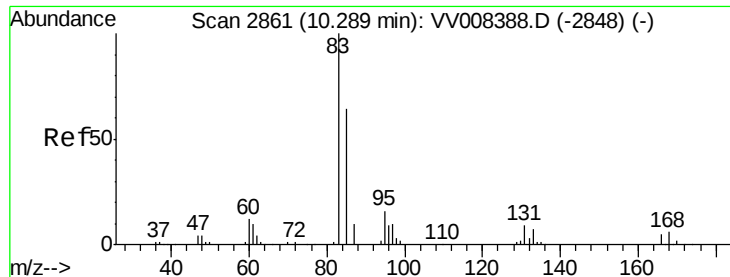


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 1.972 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

MDL01

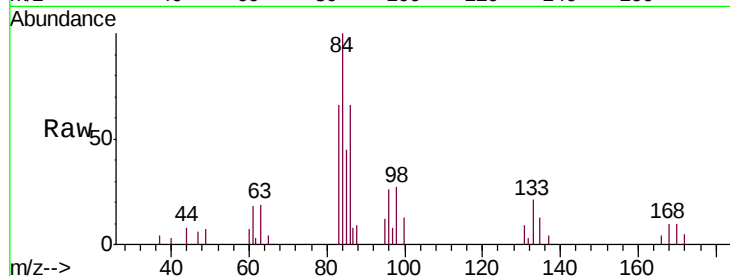
Tgt Ion: 83 Resp: 4923

Ion Ratio Lower Upper

83 100

85 67.5 45.8 85.2

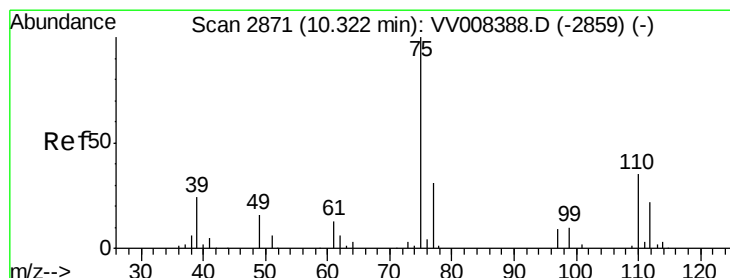
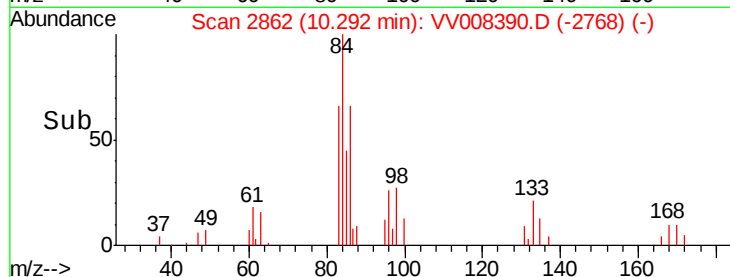
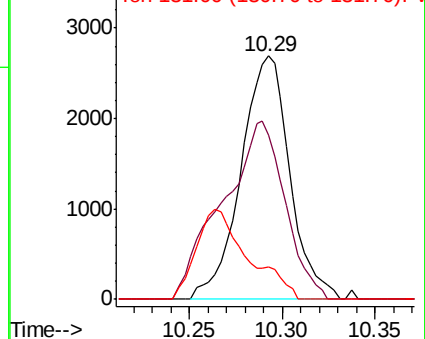
131 13.4 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VV008388.D (-2848) (-)

Ion 85.00 (84.70 to 85.70): VV008388.D (-2848) (-)

Ion 131.00 (130.70 to 131.70): VV008388.D (-2848) (-)



#59

1,2,3-Trichloropropane

Concen: 1.879 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV008390.D

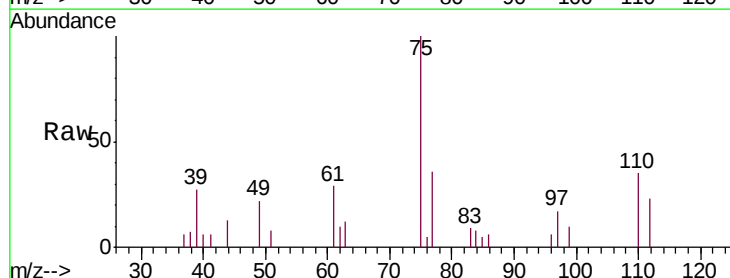
Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 3798

Ion Ratio Lower Upper

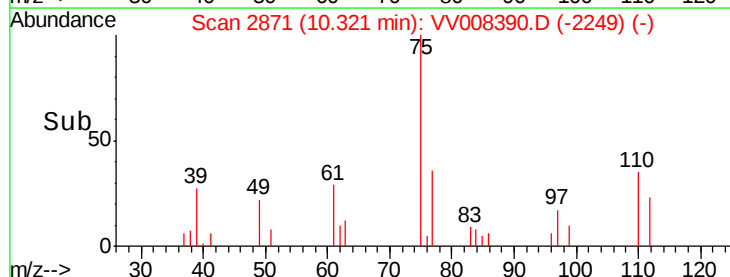
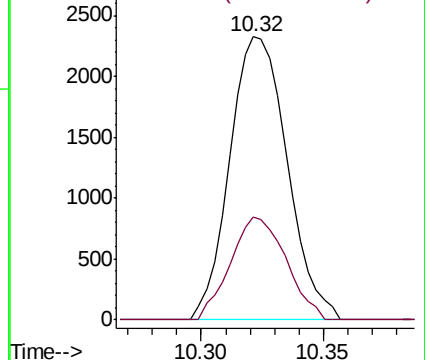
75 100

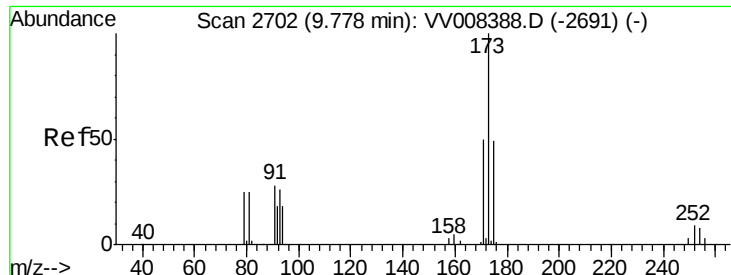
77 35.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008388.D (-2859) (-)





#61

Bromoform

Concen: 1.838 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_V

ClientSampled :

MDL01

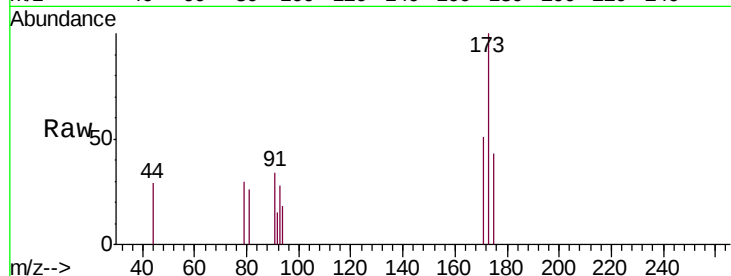
Tgt Ion:173 Resp: 1775

Ion Ratio Lower Upper

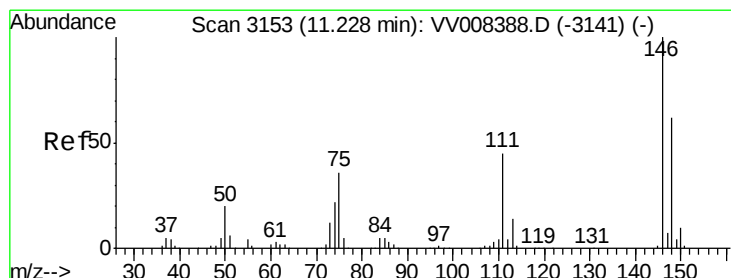
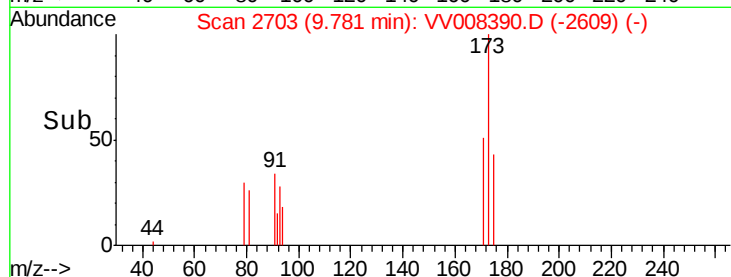
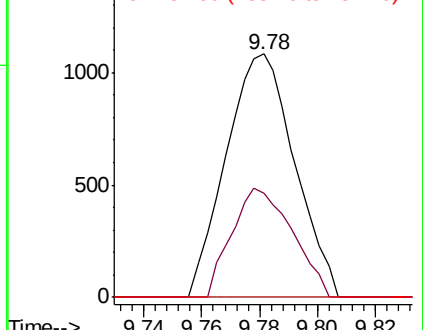
173 100

175 39.5 38.6 57.8

254 0.0 5.9 8.9#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 1.801 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV008390.D

Acq: 24 Oct 2018 14:17

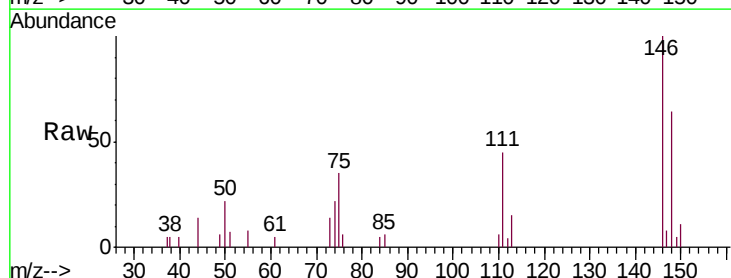
Tgt Ion:146 Resp: 4556

Ion Ratio Lower Upper

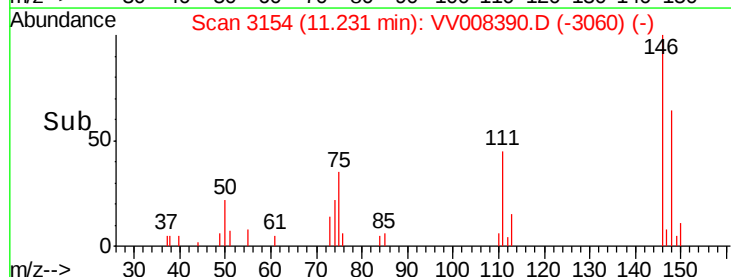
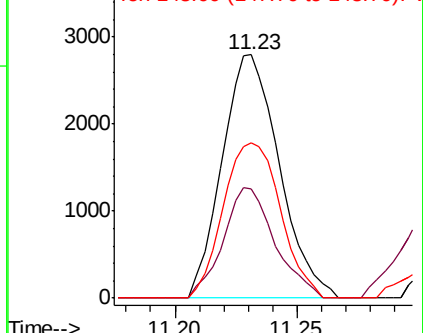
146 100

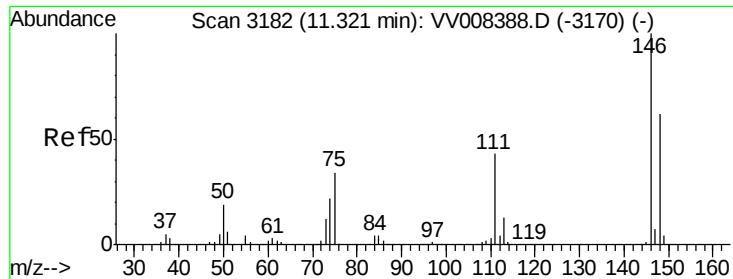
111 44.8 30.9 57.3

148 63.6 44.1 81.9



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

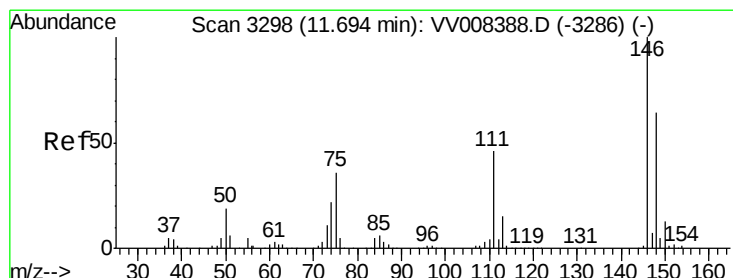
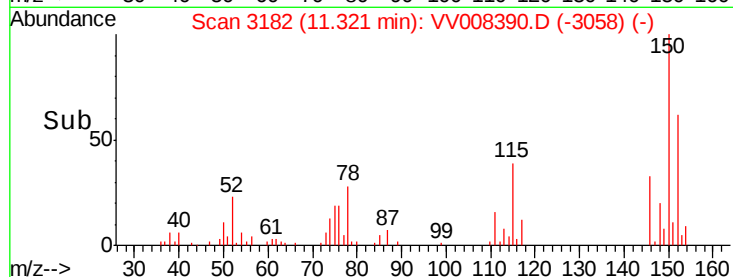
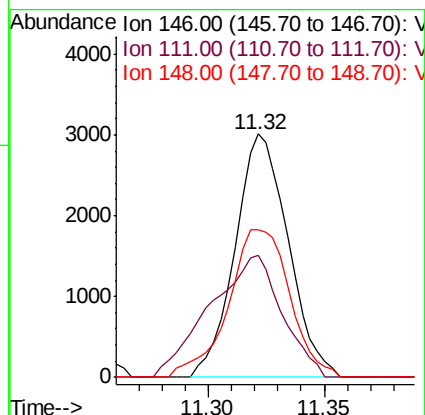
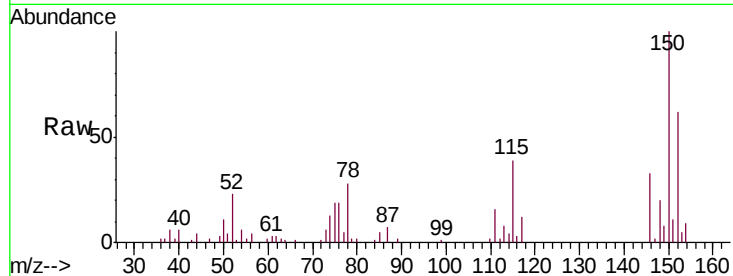




#63
 1,4-Dichlorobenzene
 Concen: 1.889 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

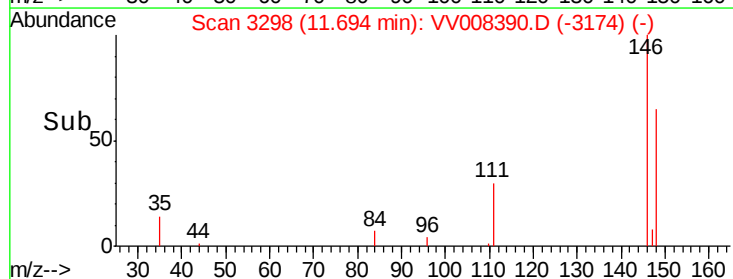
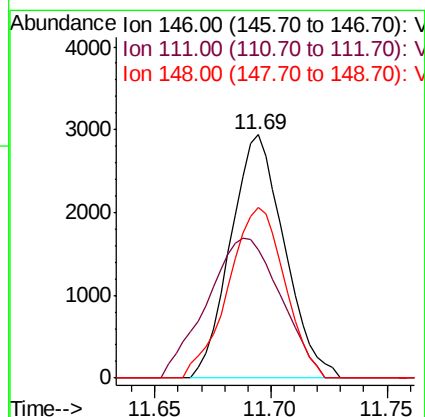
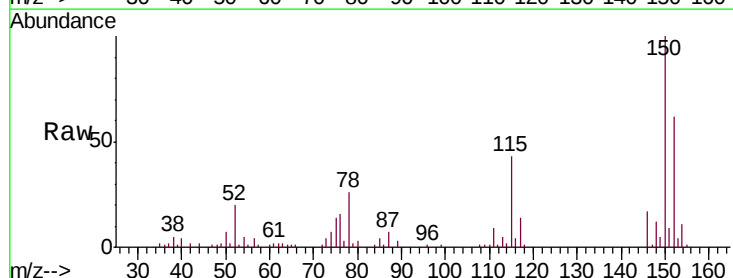
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

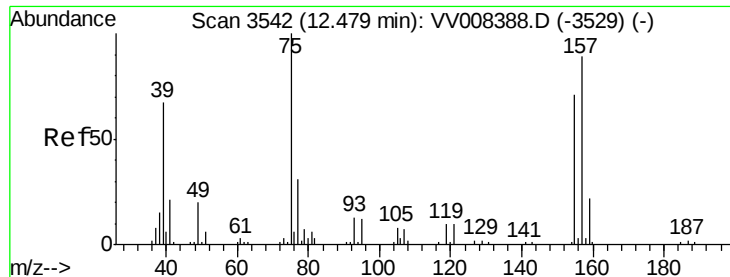
Tgt Ion:146 Resp: 4790
 Ion Ratio Lower Upper
 146 100
 111 50.1 29.8 55.4
 148 60.9 44.4 82.5



#65
 1,2-Dichlorobenzene
 Concen: 1.837 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion:146 Resp: 4740
 Ion Ratio Lower Upper
 146 100
 111 52.9 36.2 54.2
 148 70.0 50.3 75.5

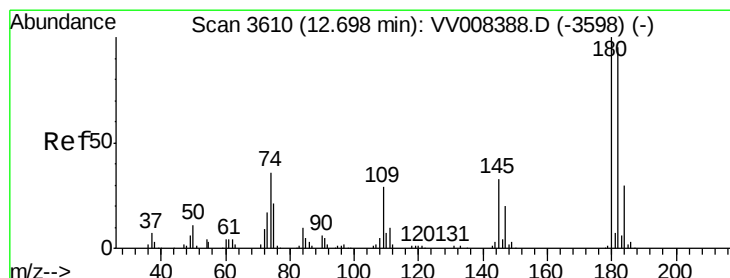
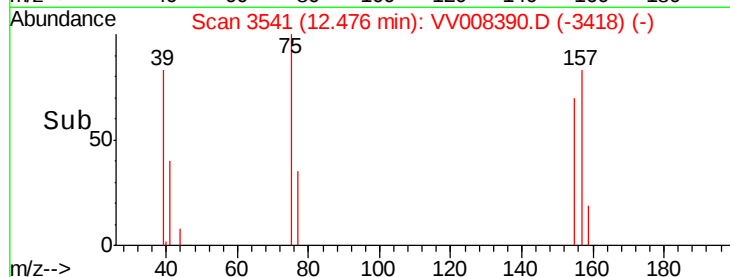
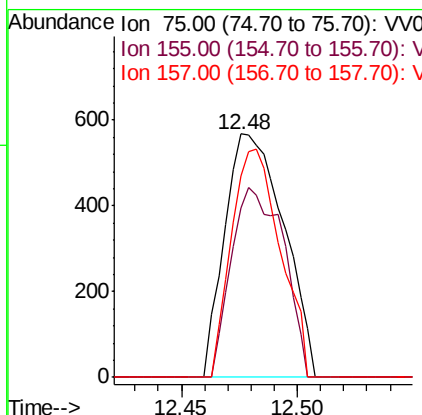
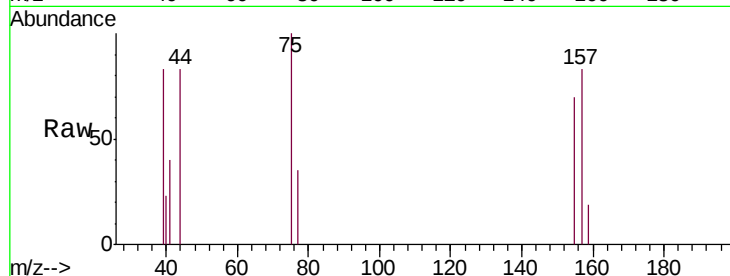




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.893 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

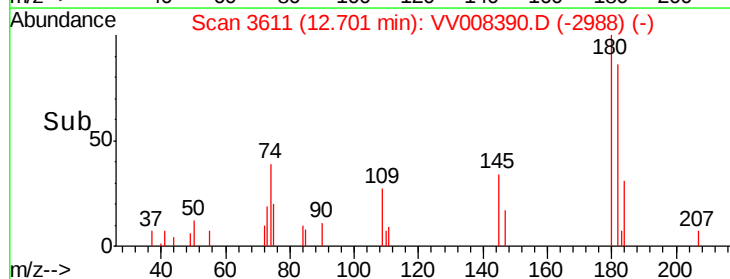
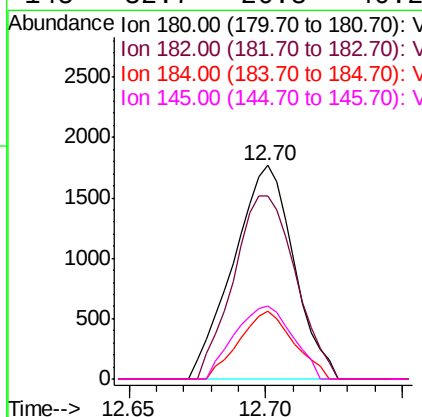
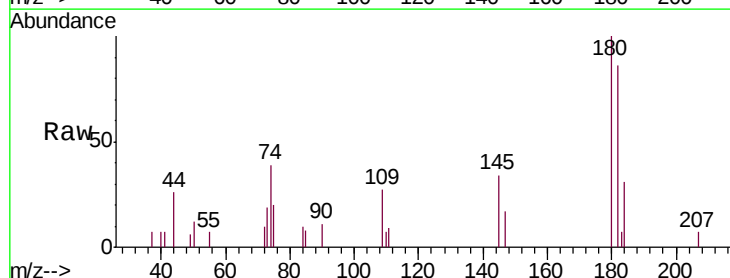
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

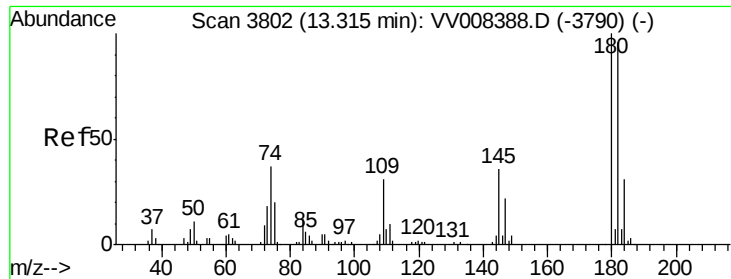
Tgt Ion: 75 Resp: 1004
 Ion Ratio Lower Upper
 75 100
 155 69.5 55.4 83.0
 157 82.6 72.8 109.2



#67
 1,3,5-Trichlorobenzene
 Concen: 1.645 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Tgt Ion: 180 Resp: 2718
 Ion Ratio Lower Upper
 180 100
 182 88.0 75.9 113.9
 184 28.7 24.1 36.1
 145 32.7 26.8 40.2

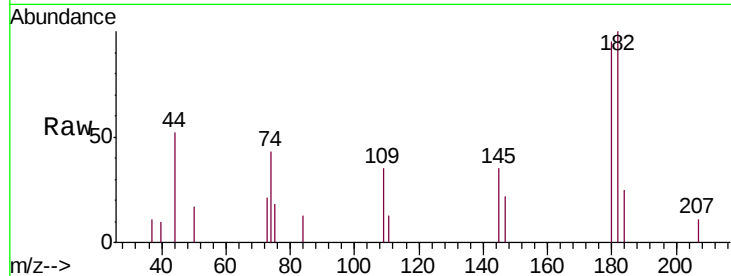




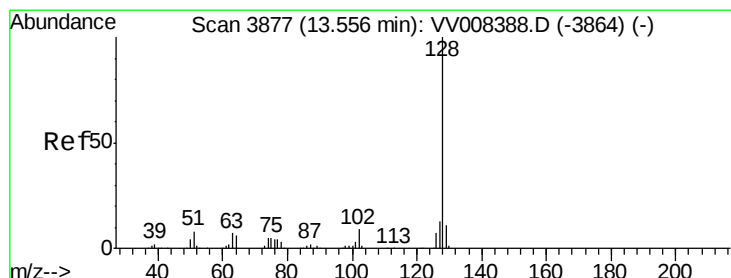
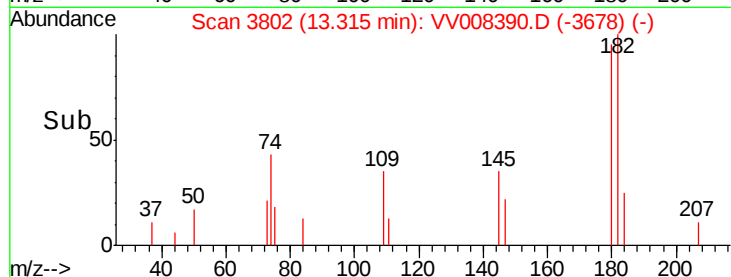
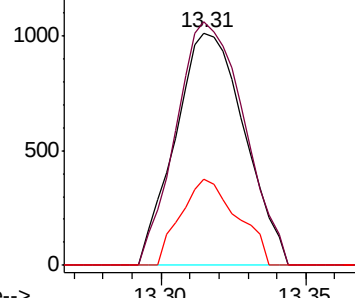
#68
1,2,4-trichlorobenzene
Concen: 1.255 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:180 Resp: 1677
Ion Ratio Lower Upper
180 100
182 103.3 75.4 113.2
145 30.5 27.0 40.6

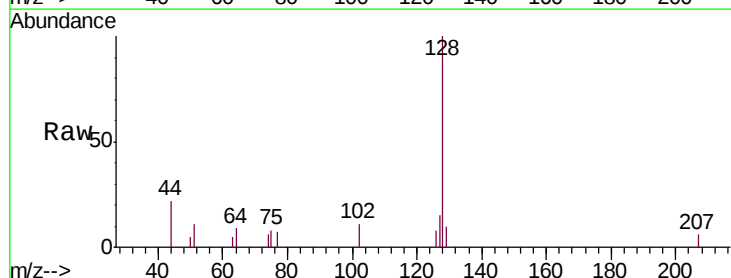


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

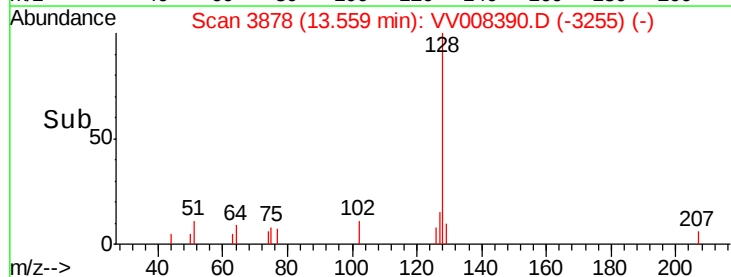
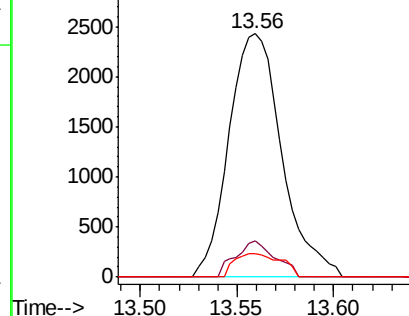


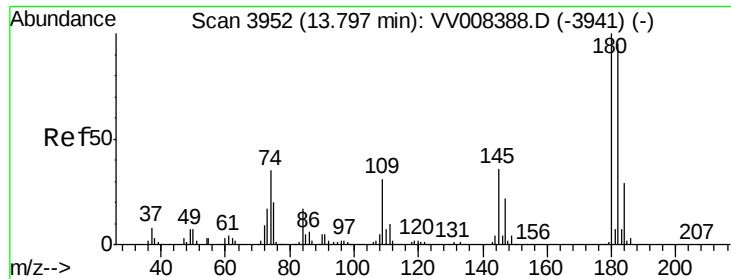
#69
Naphthalene
Concen: 1.071 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:128 Resp: 4627
Ion Ratio Lower Upper
128 100
127 11.1 10.6 15.8
129 6.6 8.9 13.3#



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

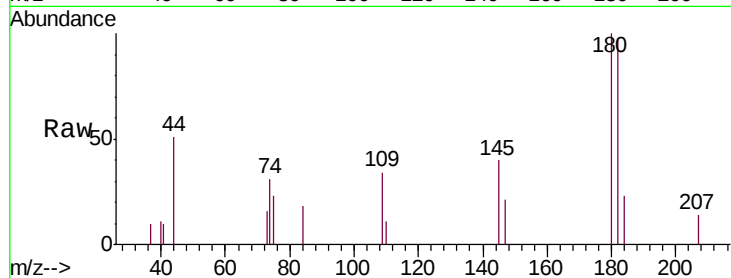




#70
 1,2,3-Trichlorobenzene
 Concen: 1.267 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008390.D
 Acq: 24 Oct 2018 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tgt Ion:	180	Resp:	1692
Ion	Ratio	Lower	Upper
180	100		
182	103.3	75.7	113.5
145	32.3	28.6	43.0



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

