

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056361.D
 Acq On : 18 Jun 2019 13:20
 Operator : JC/SP
 Sample : K3157-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	332404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	568889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	195533	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
35) Dibromofluoromethane	7.59	113	169978	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
50) Toluene-d8	10.09	98	721055	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	243852	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	

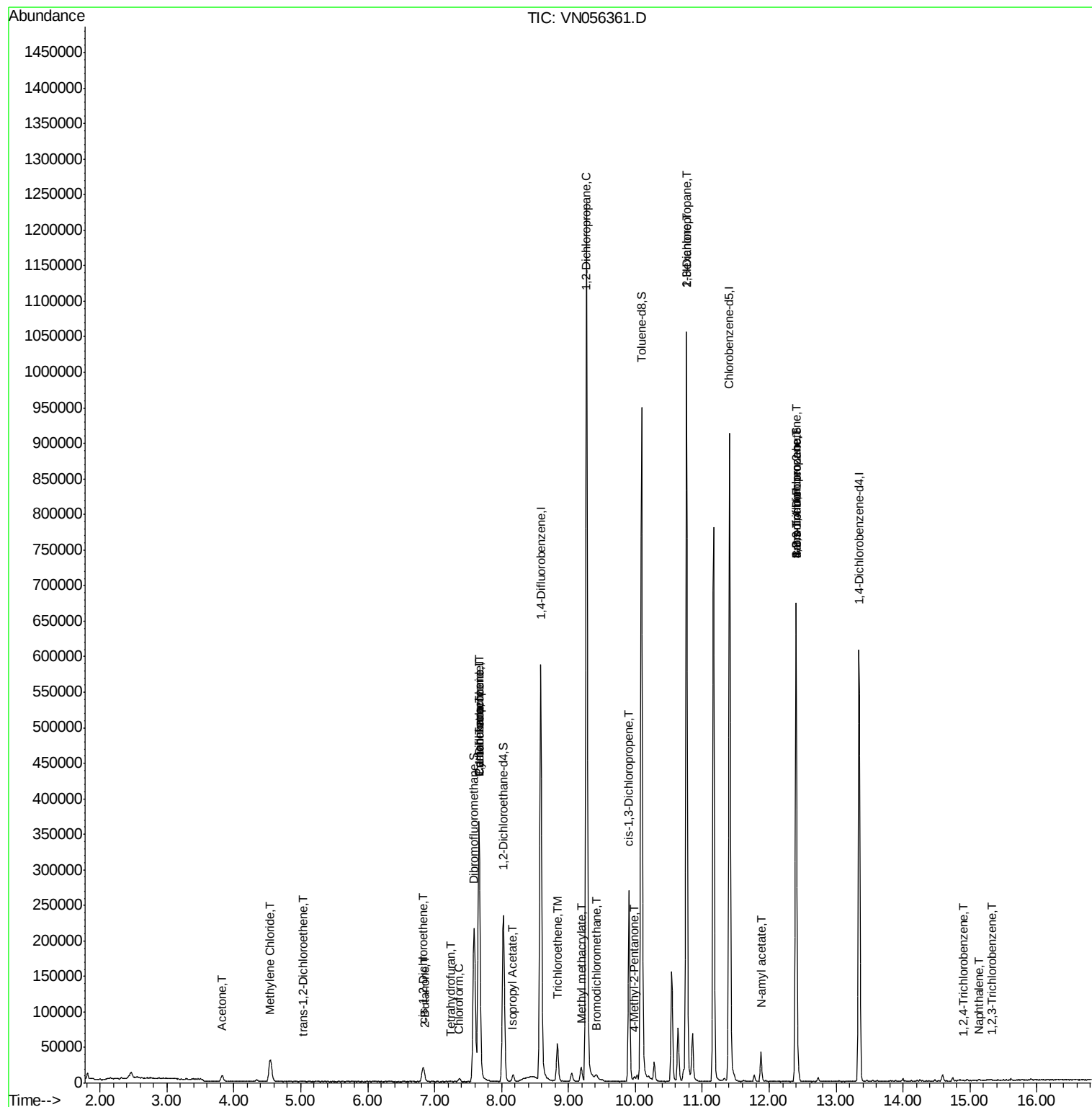
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	14879	7.204	ug/l	100
18) Methyl Acetate	4.33	43	5175	Below Cal	#	70
20) Methylene Chloride	4.54	84	26186	7.181	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	739	0.225	ug/l #	59
25) 2-Butanone	6.86	43	1194	0.477	ug/l #	89
27) cis-1,2-Dichloroethene	6.83	96	14694	3.866	ug/l	90
29) Tetrahydrofuran	7.24	42	1093	0.735	ug/l #	40
30) Chloroform	7.37	83	4880	0.822	ug/l	89
31) Cyclohexane	7.66	56	5592	0.971	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21443	4.189	ug/l #	48
38) Carbon Tetrachloride	7.66	117	28538	5.808	ug/l #	16
43) Isopropyl Acetate	8.17	43	11994	1.545	ug/l	96
44) Trichloroethene	8.83	130	22113	5.236	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1505	0.367	ug/l #	44
47) Bromodichloromethane	9.40	83	1131	0.217	ug/l #	83
48) Methyl methacrylate	9.18	41	7932	2.026	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	4240	0.857	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	48900	8.194	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	11655	1.776	ug/l #	42
59) 2-Hexanone	10.76	43	153739	41.910	ug/l #	51
71) Bromoform	12.40	173	1660	0.483	ug/l #	1
73) Isopropylbenzene	12.25	105	279	Below Cal	#	48
74) N-ethyl acetate	11.88	43	12677	2.183	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	113351	28.708	ug/l #	100
79) 2-Chlorotoluene	12.67	91	141	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	113351	89.194	ug/l #	13
83) tert-Butylbenzene	12.99	119	33	Below Cal	#	1
90) Hexachloroethane	13.95	117	116	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	248	5.375	ug/l #	32
95) Naphthalene	15.13	128	1673	4.840	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.31	180	396	3.912	ug/l	97

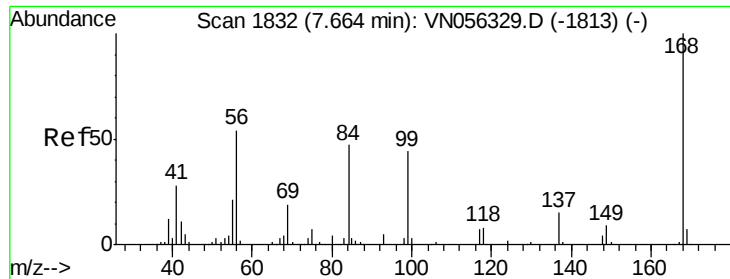
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056361.D
Acq On : 18 Jun 2019 13:20
Operator : JC/SP
Sample : K3157-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

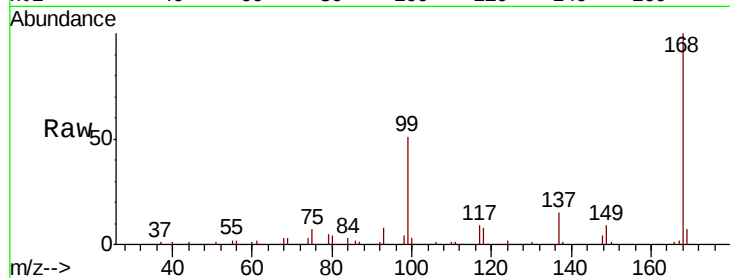
ClientSampleId :

Tot Ion:168 Resp: 332404

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

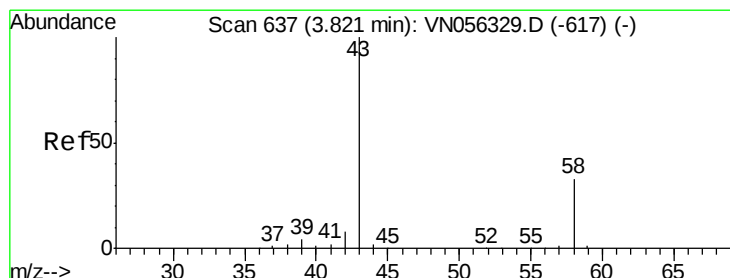
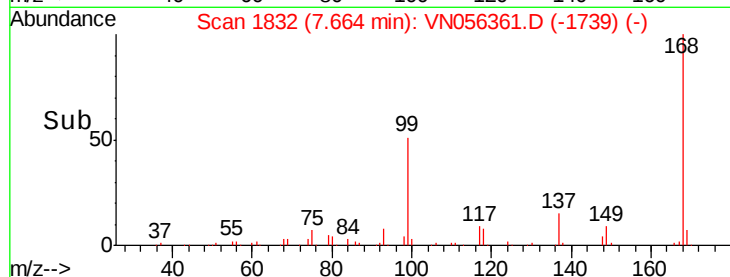
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.204 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056361.D

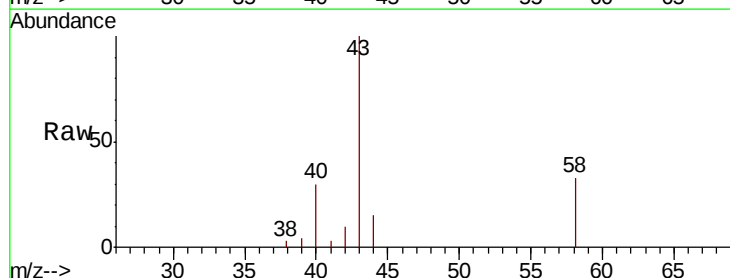
Acq: 18 Jun 2019 13:20

Tgt Ion: 43 Resp: 14879

Ion Ratio Lower Upper

43 100

58 33.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056329.D (-617) (-)

3.82

6000

5000

4000

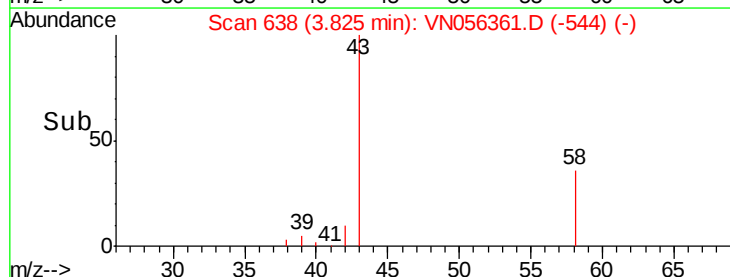
3000

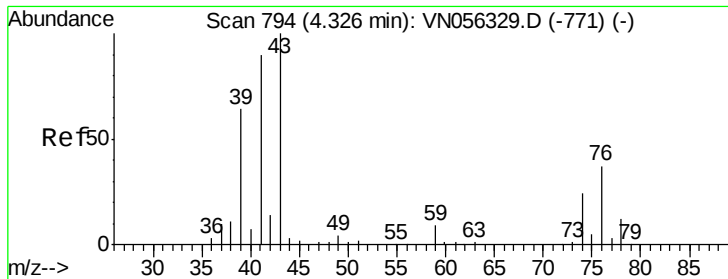
2000

1000

0

Time-->

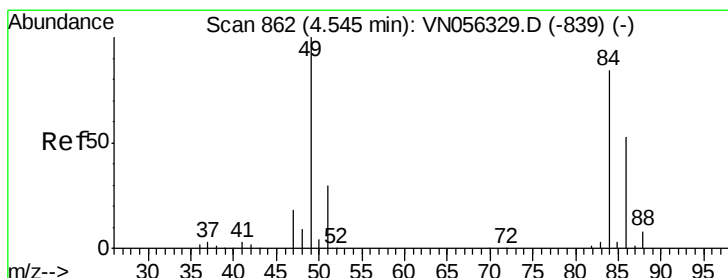
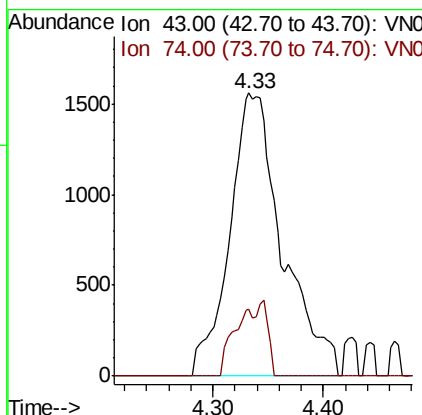
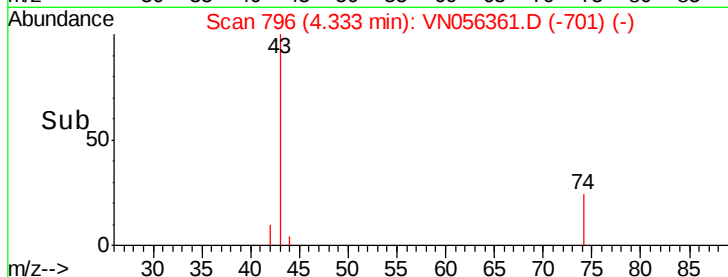
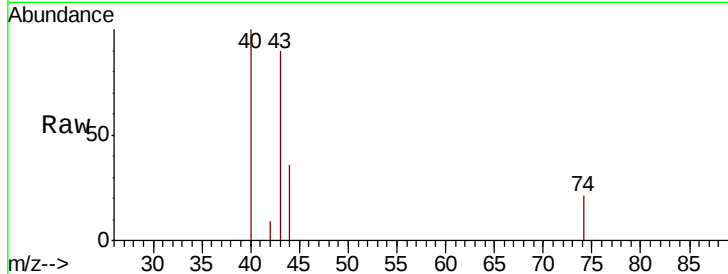




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

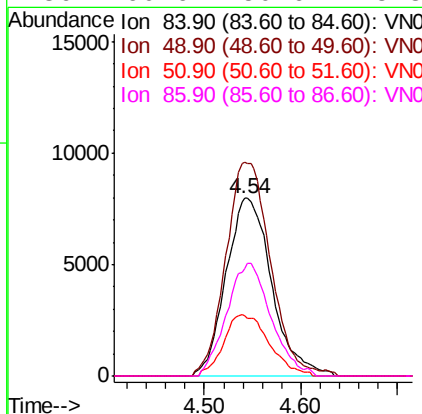
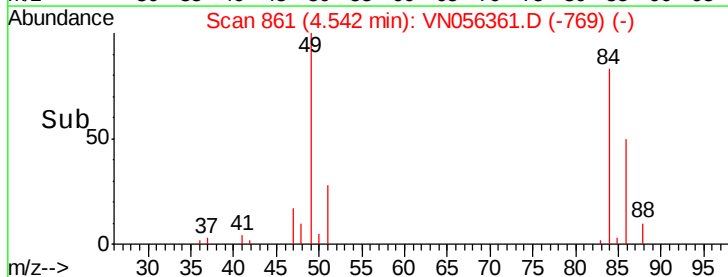
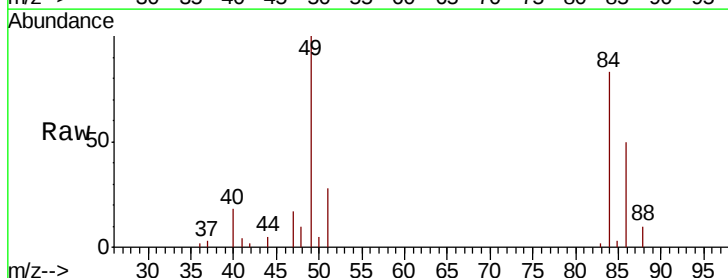
Instrument :
MSVOA_N
ClientSampled :

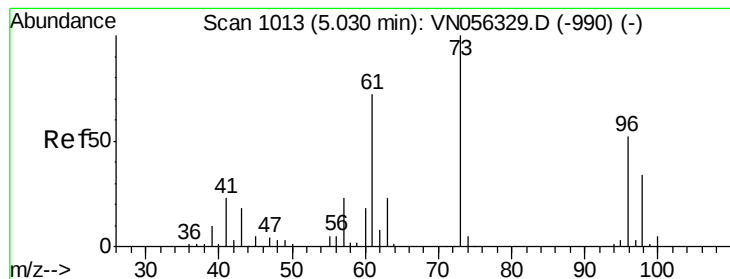
Tot Ion: 43 Resp: 5175
Ion Ratio Lower Upper
43 100
74 9.3 19.4 29.2#



#20
Methylene Chloride
Concen: 7.181 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Tgt Ion: 84 Resp: 26186
Ion Ratio Lower Upper
84 100
49 120.3 95.0 142.6
51 33.6 28.2 42.4
86 60.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 0.225 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

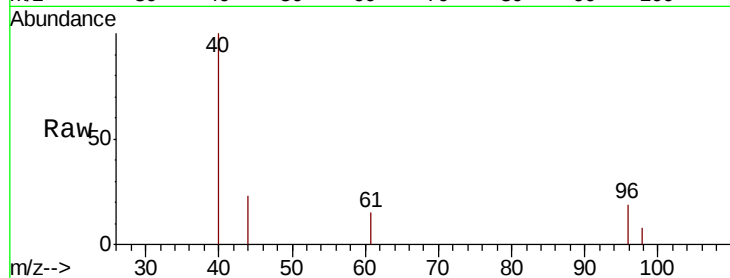
Tot Ion: 96 Resp: 739

Ion Ratio Lower Upper

96 100

61 79.1 109.8 164.6#

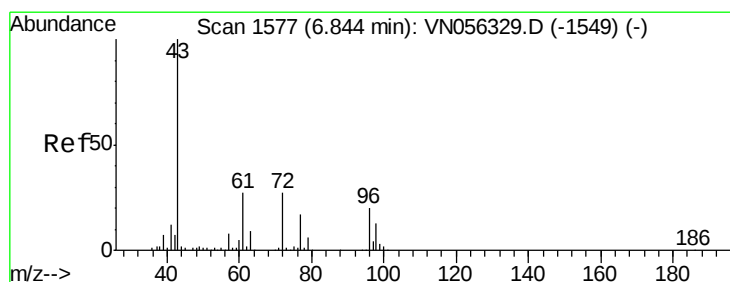
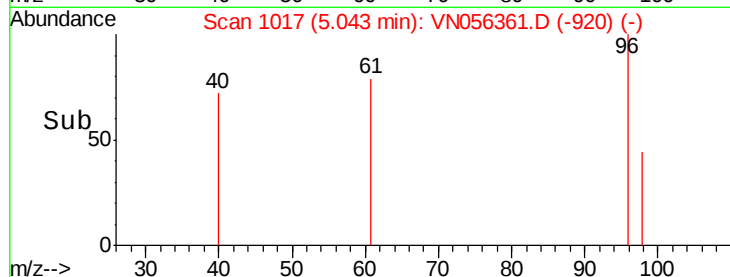
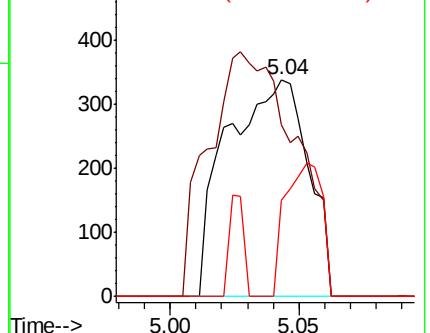
98 44.2 52.0 78.0#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 0.477 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN056361.D

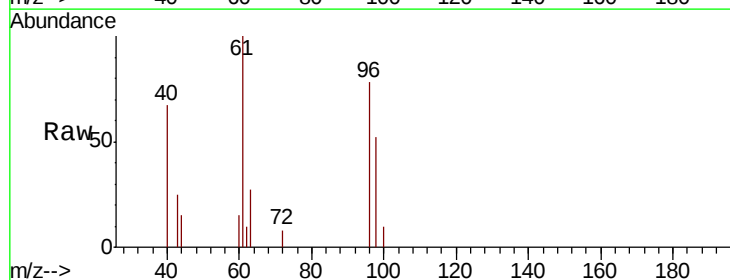
Acq: 18 Jun 2019 13:20

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

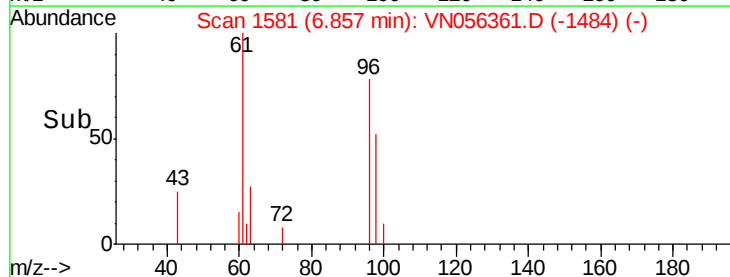
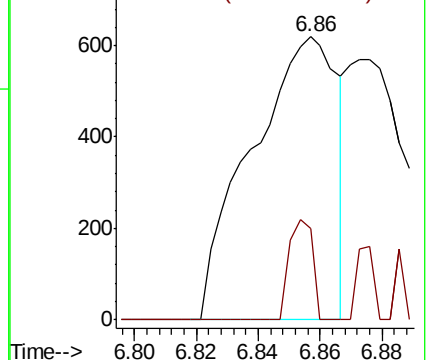
43 100

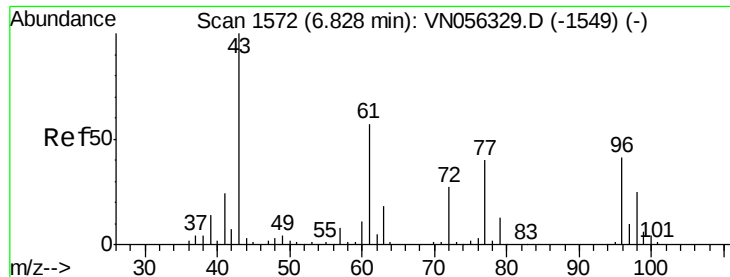
72 32.3 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 3.866 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :

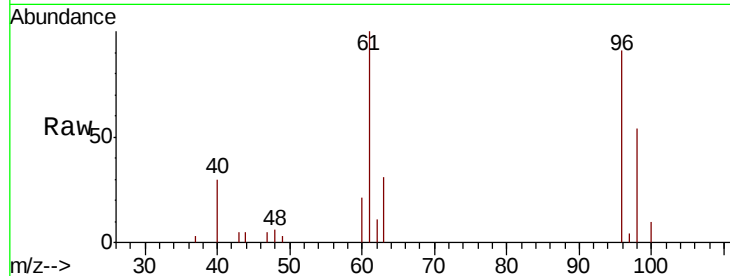
Tot Ion: 96 Resp: 14694

Ion Ratio Lower Upper

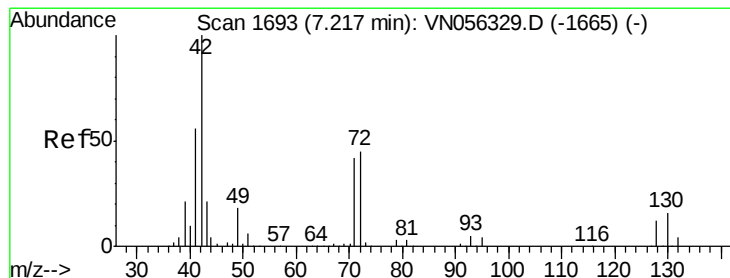
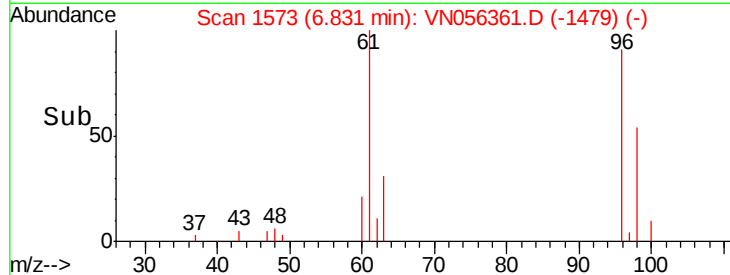
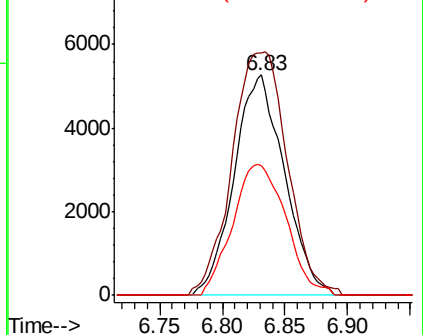
96 100

61 121.7 0.0 278.6

98 63.0 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 0.735 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

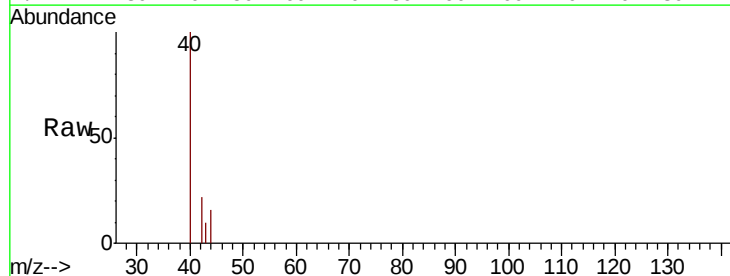
Tgt Ion: 42 Resp: 1093

Ion Ratio Lower Upper

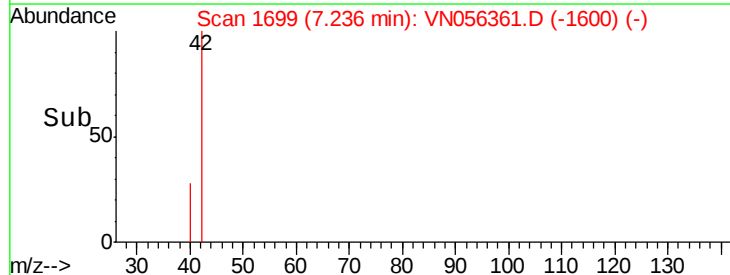
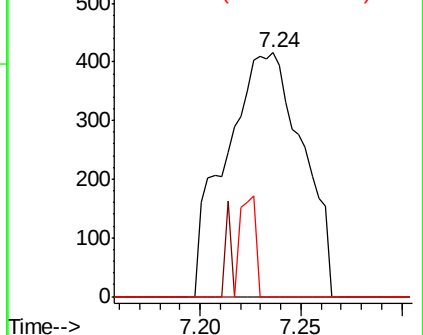
42 100

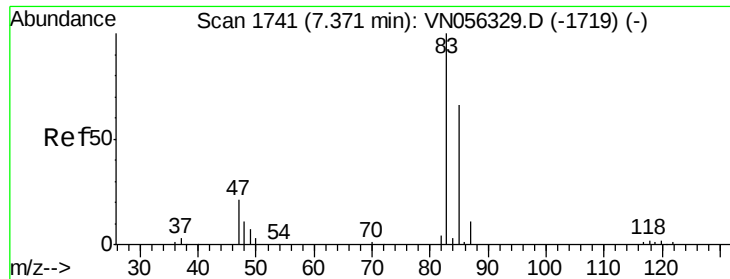
72 0.0 35.3 52.9#

71 8.5 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

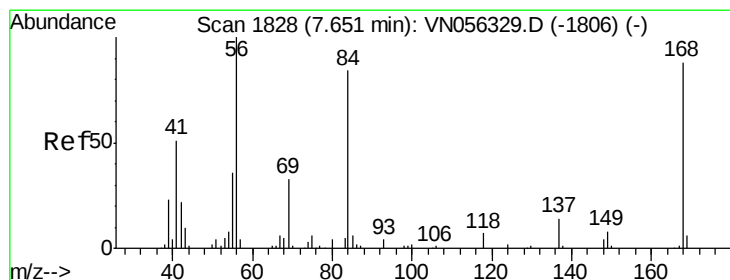
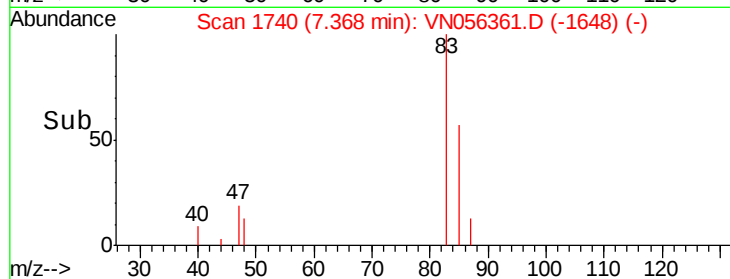
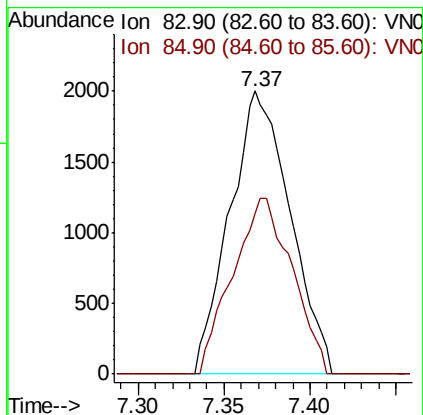
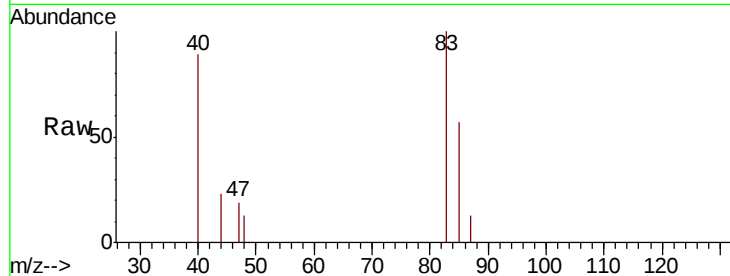




#30
Chloroform
Concen: 0.822 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

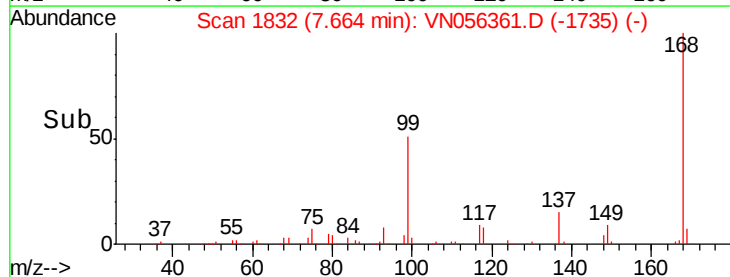
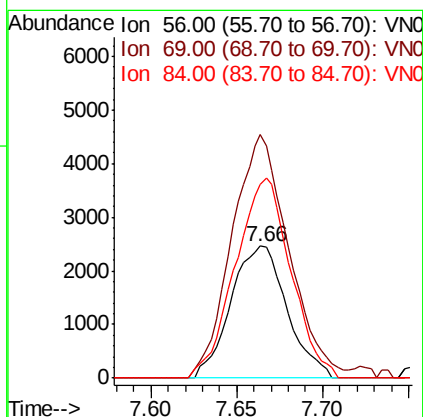
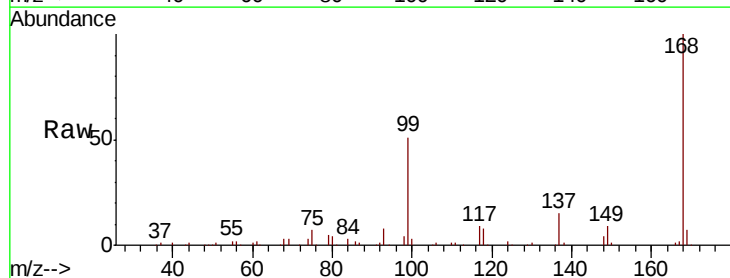
Instrument :
MSVOA_N
ClientSampleId :

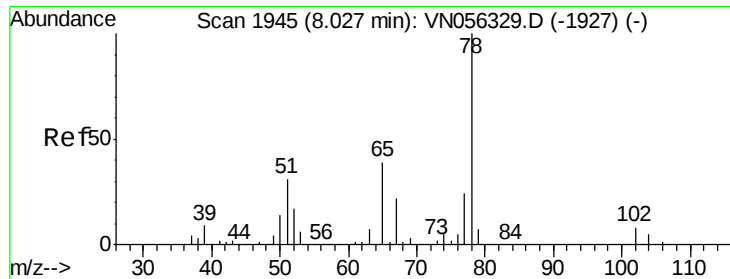
Tot Ion: 83 Resp: 4880
Ion Ratio Lower Upper
83 100
85 56.6 52.6 78.8



#31
Cyclohexane
Concen: 0.971 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Tgt Ion: 56 Resp: 5592
Ion Ratio Lower Upper
56 100
69 185.0 26.0 39.0#
84 147.2 67.4 101.0#

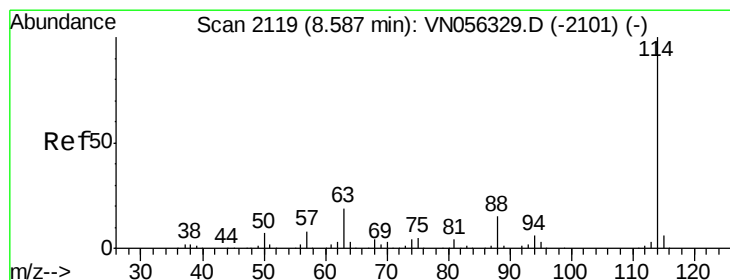
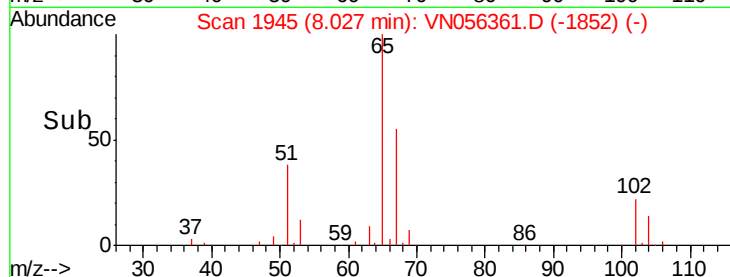
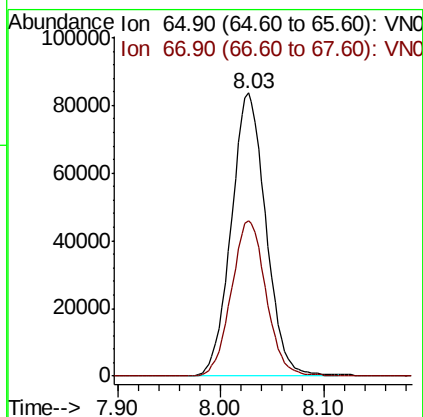
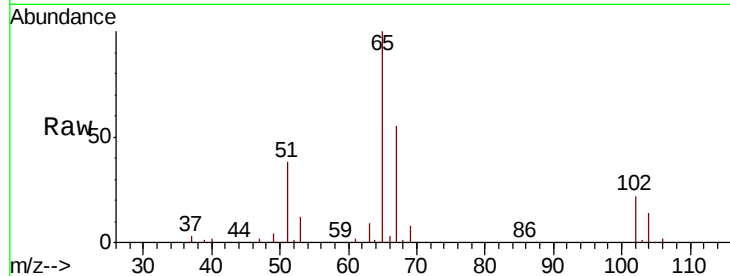




#33
 1,2-Dichloroethane-d4
 Concen: 52.315 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

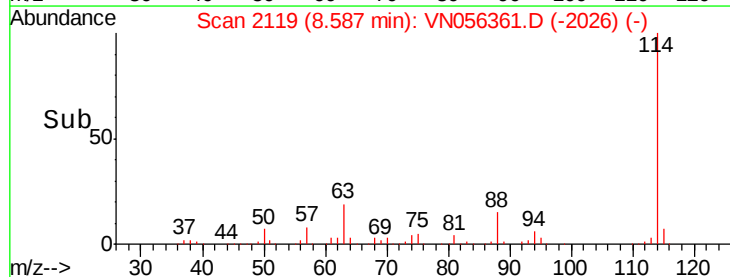
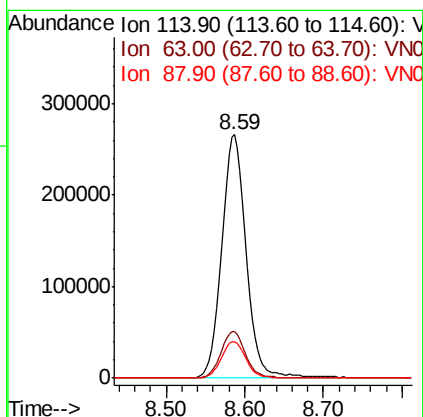
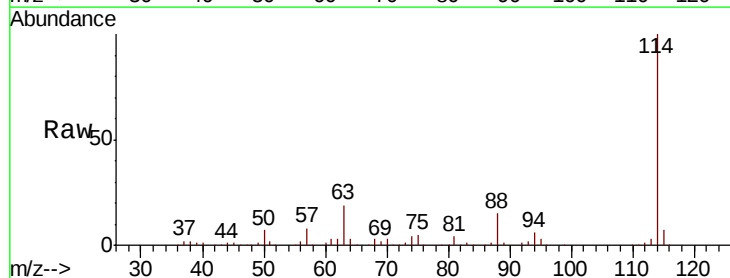
Instrument :
 MSVOA_N
 ClientSampleId :

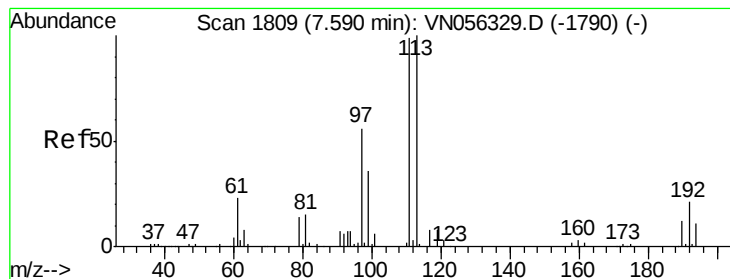
Tot Ion: 65 Resp: 195533
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Tgt Ion: 114 Resp: 568889
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.593 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :

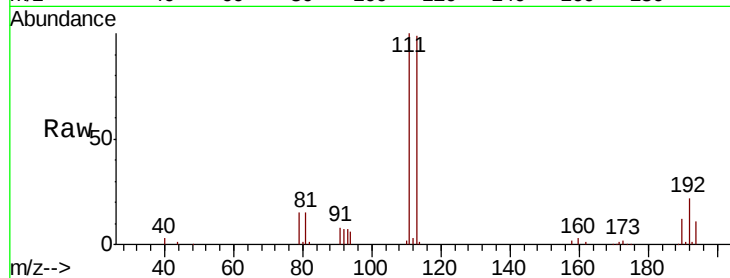
Tot Ion:113 Resp: 169978

Ion Ratio Lower Upper

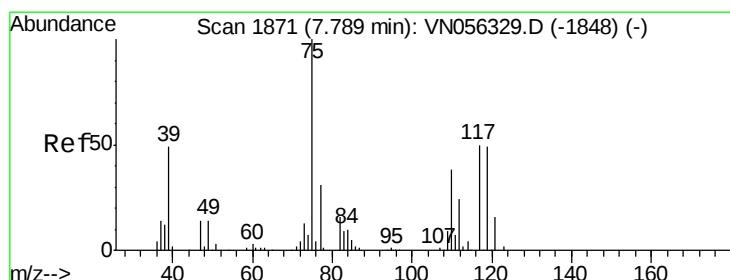
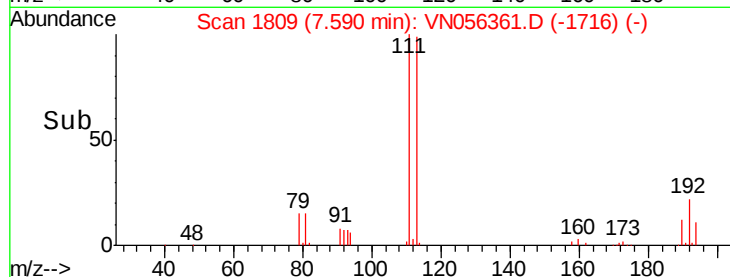
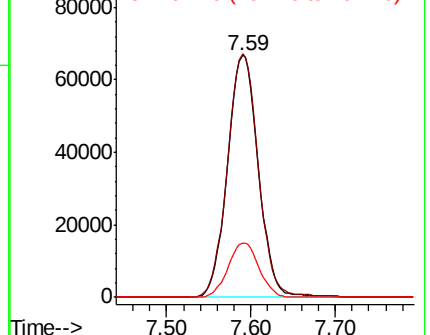
113 100

111 101.1 82.1 123.1

192 22.4 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.189 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

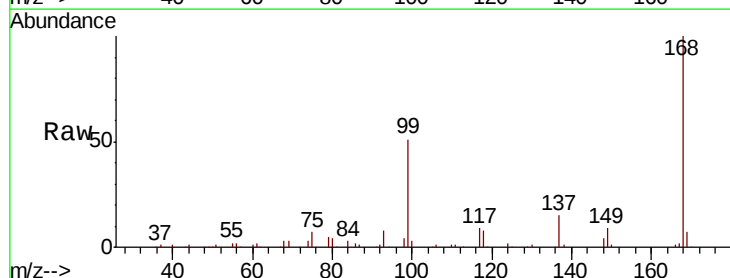
Tgt Ion: 75 Resp: 21443

Ion Ratio Lower Upper

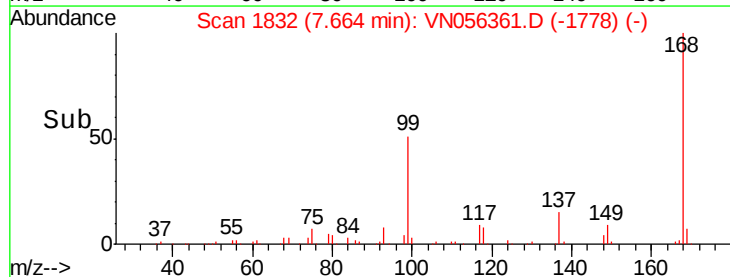
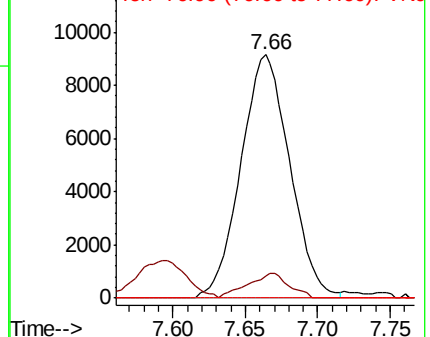
75 100

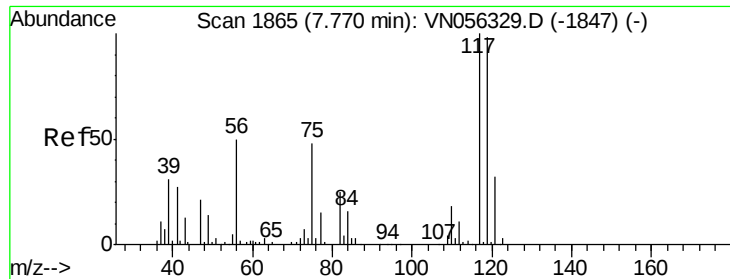
110 8.5 18.6 56.0#

77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

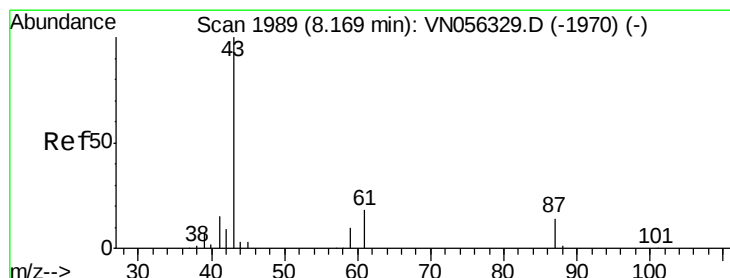
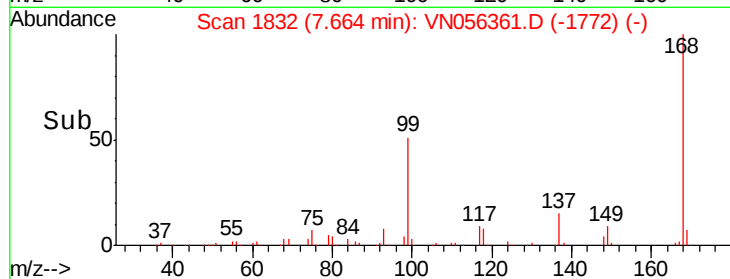
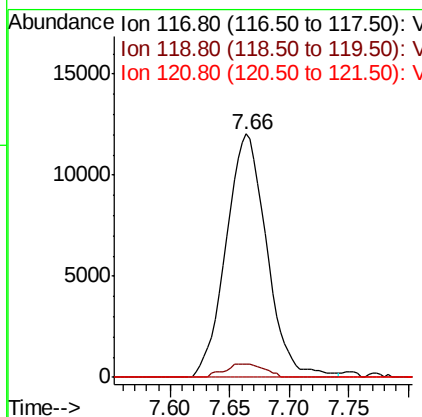
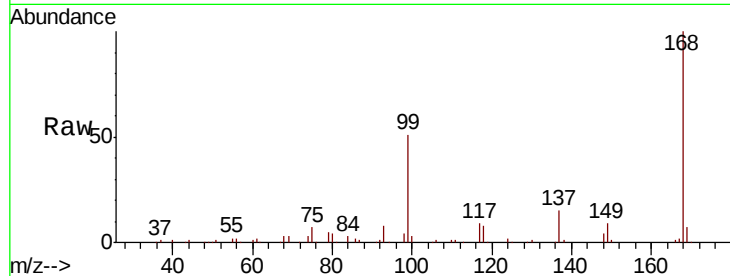




#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

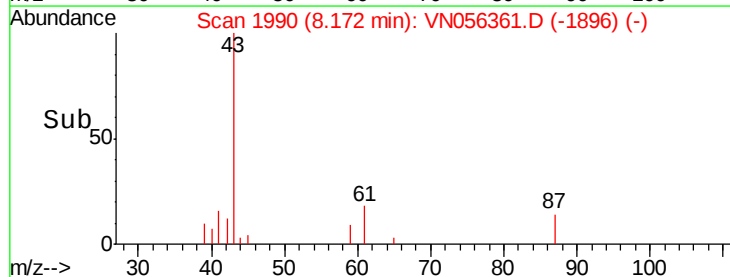
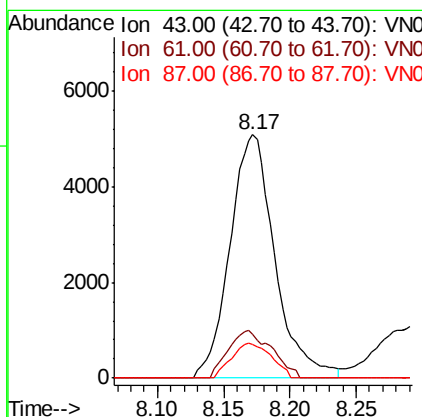
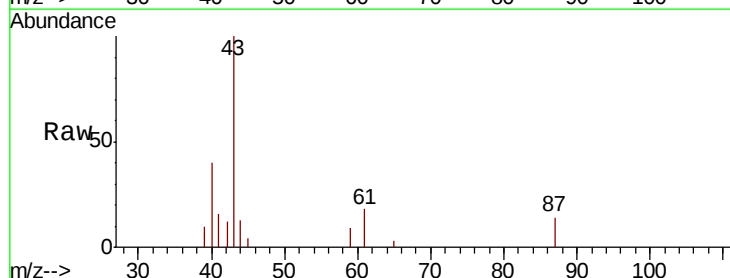
Instrument :
MSVOA_N
ClientSampled :

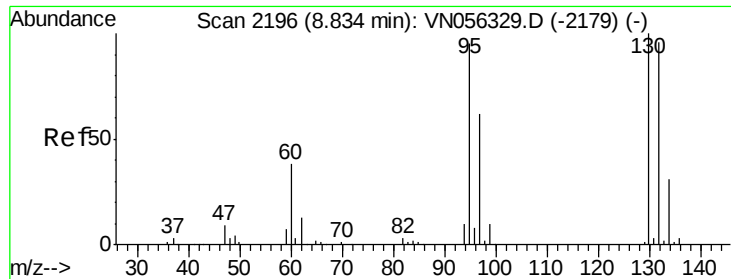
Tot Ion:117 Resp: 28538
Ion Ratio Lower Upper
117 100
119 5.4 77.8 116.8#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 1.545 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Tgt Ion: 43 Resp: 11994
Ion Ratio Lower Upper
43 100
61 18.8 16.6 25.0
87 12.6 11.0 16.4





#44

Trichloroethene

Concen: 5.236 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

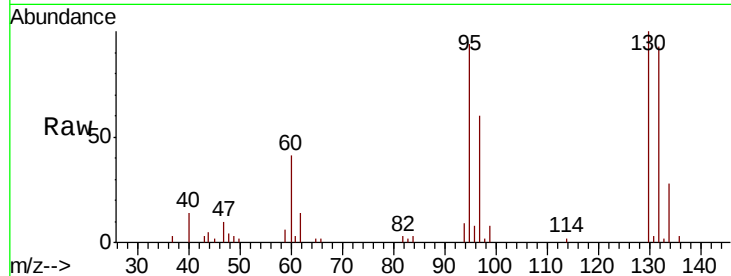
ClientSampleId :

Tot Ion:130 Resp: 22113

Ion Ratio Lower Upper

130 100

95 93.9 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.83

12000

10000

8000

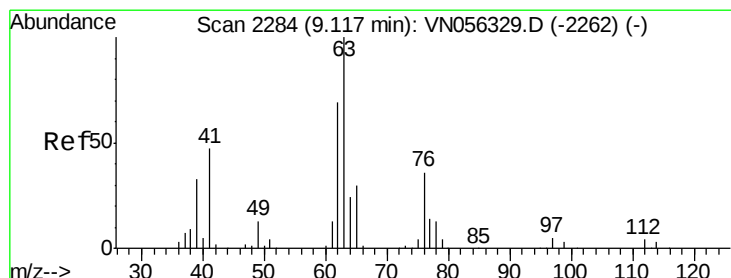
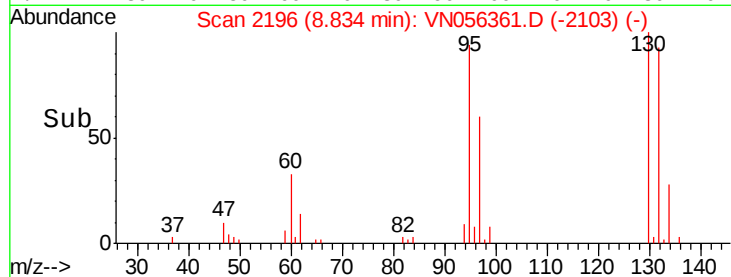
6000

4000

2000

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.367 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056361.D

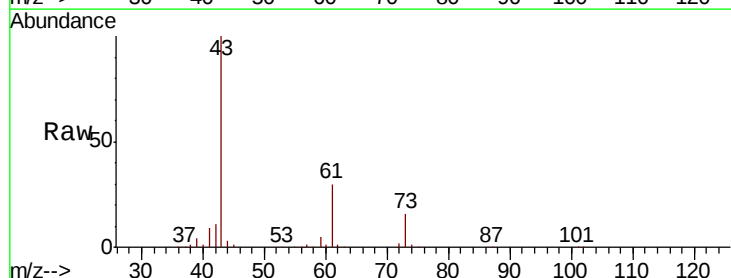
Acq: 18 Jun 2019 13:20

Tgt Ion: 63 Resp: 1505

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

800

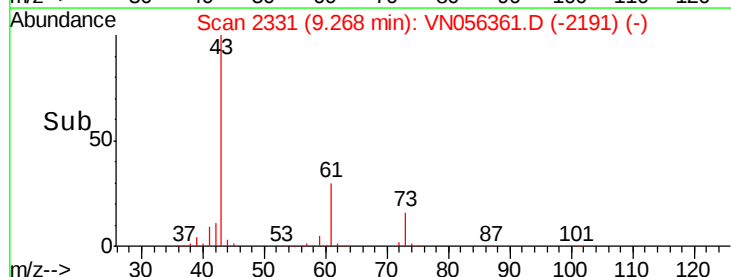
600

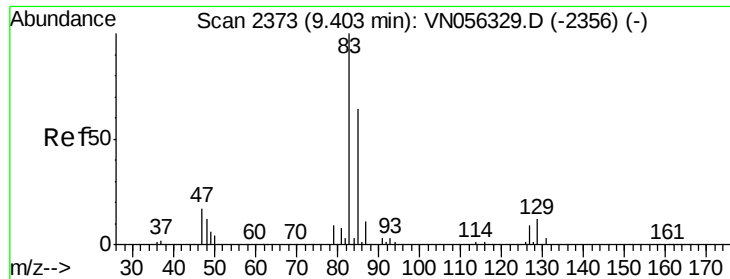
400

200

0

Time-->





#47

Bromodichloromethane

Concen: 0.217 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

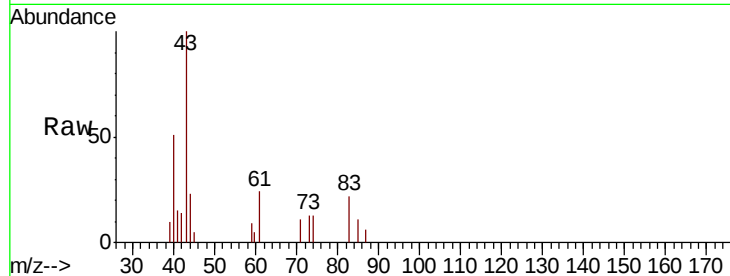
Tot Ion: 83 Resp: 1131

Ion Ratio Lower Upper

83 100

85 51.7 51.1 76.7

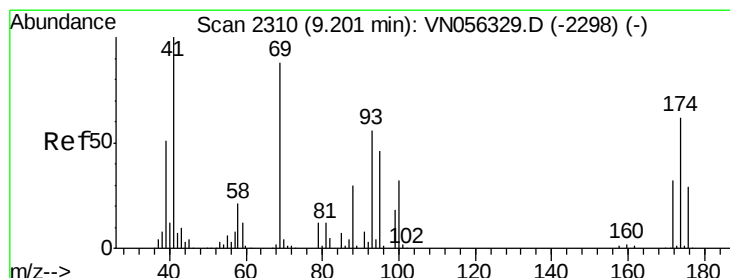
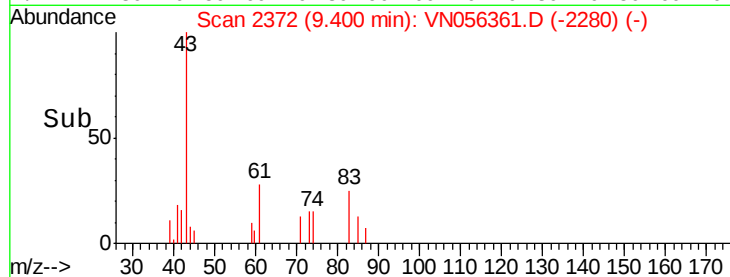
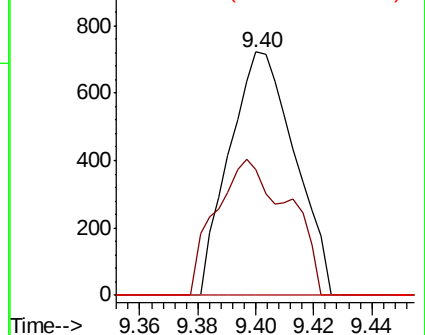
127 0.0 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.026 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

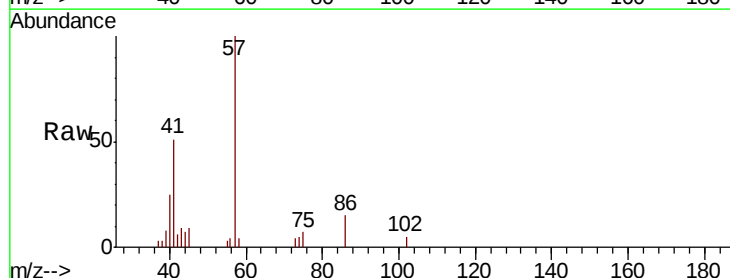
Tgt Ion: 41 Resp: 7932

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

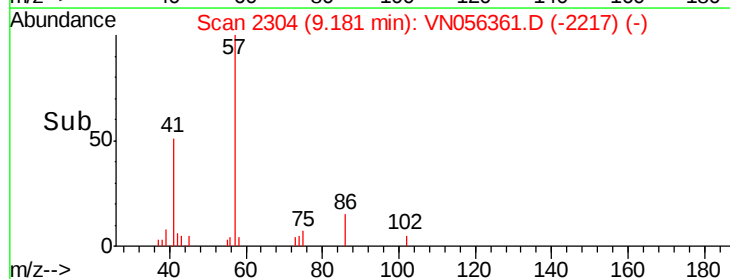
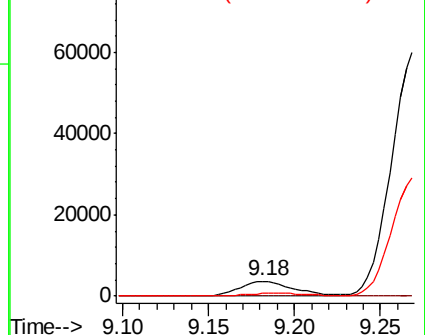
39 0.0 41.7 62.5#

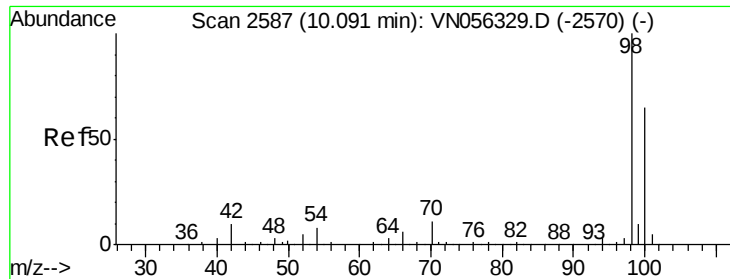


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 51.737 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

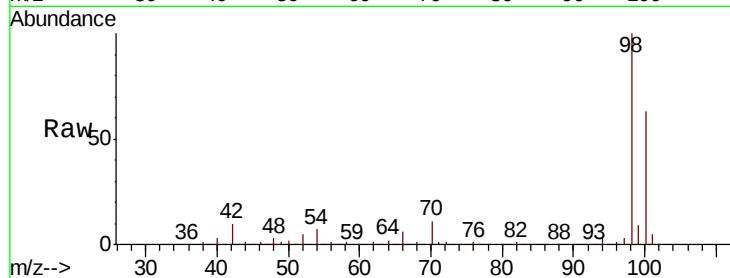
ClientSampled :

Tot Ion: 98 Resp: 721055

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

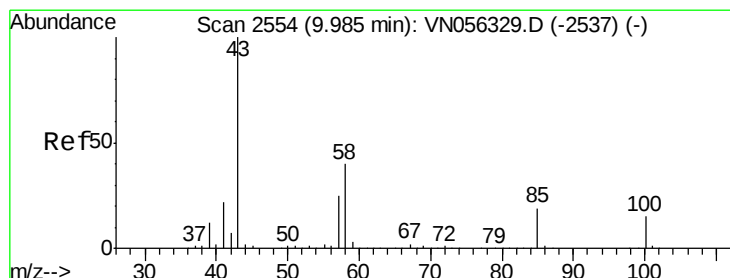
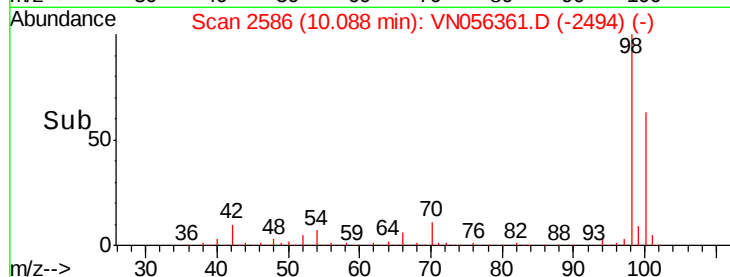
200000

100000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 0.857 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056361.D

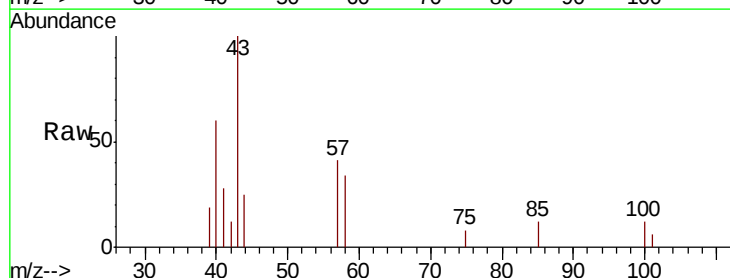
Acq: 18 Jun 2019 13:20

Tgt Ion: 43 Resp: 4240

Ion Ratio Lower Upper

43 100

58 32.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

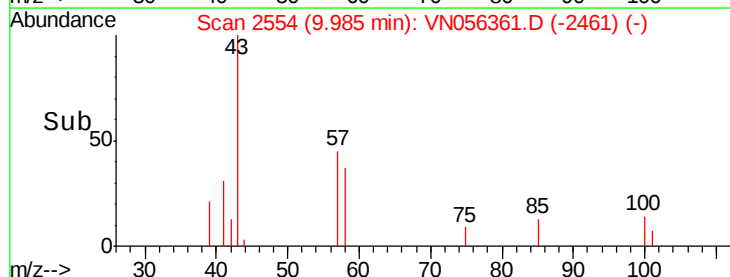
2000

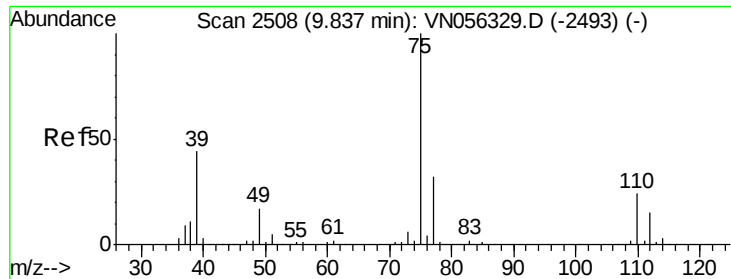
1000

0

Time-->

9.94 9.96 9.98 10.00



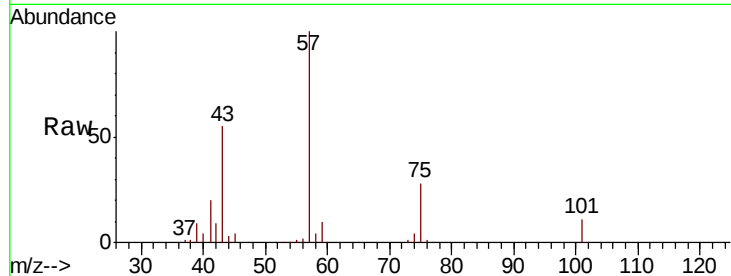


#54

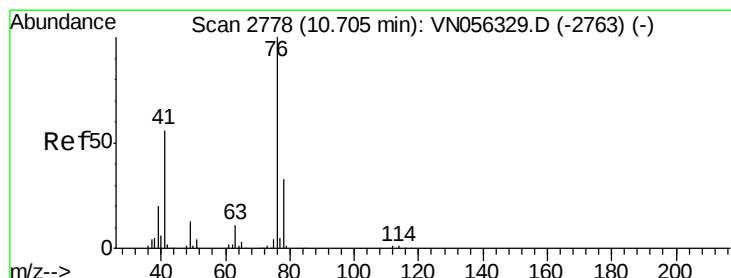
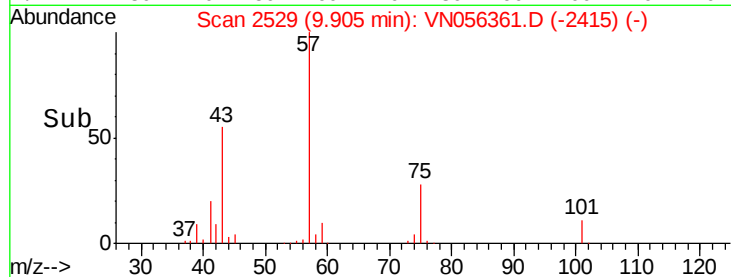
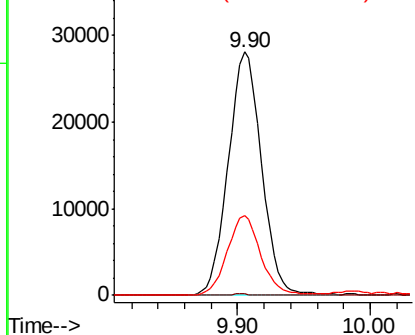
cis-1,3-Dichloropropene
 Concen: 8.194 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 48900
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 32.7 35.4 53.0#



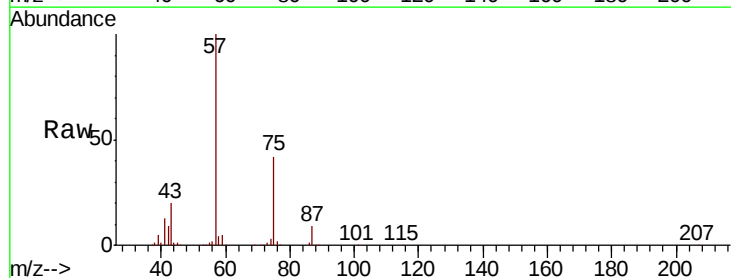
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



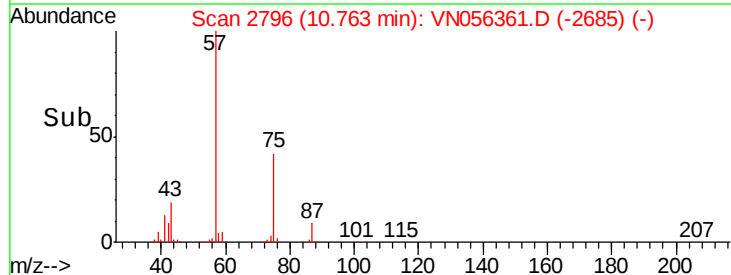
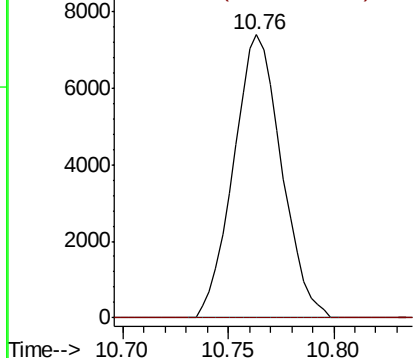
#57

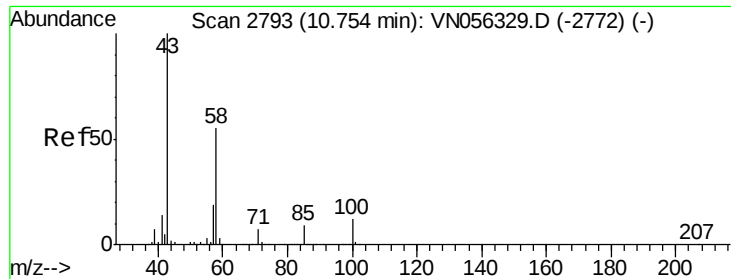
1,3-Dichloropropane
 Concen: 1.776 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Tgt Ion: 76 Resp: 11655
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

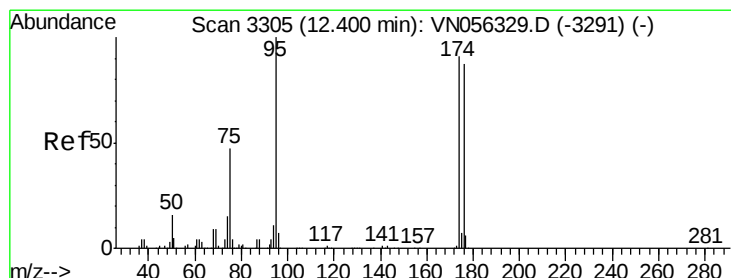
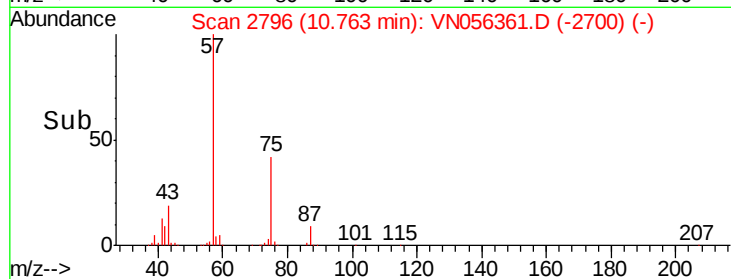
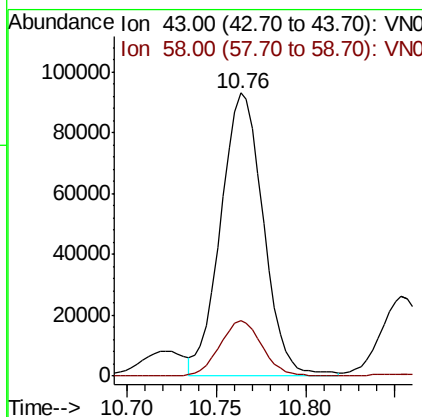
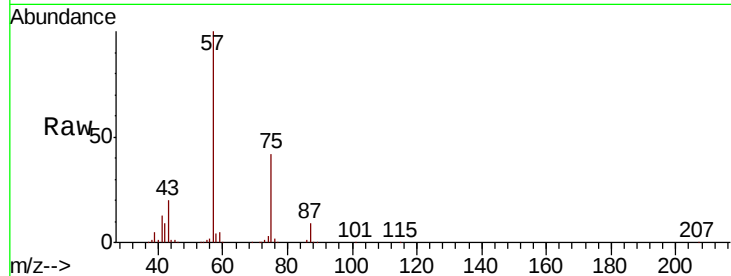




#59
2-Hexanone
Concen: 41.910 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

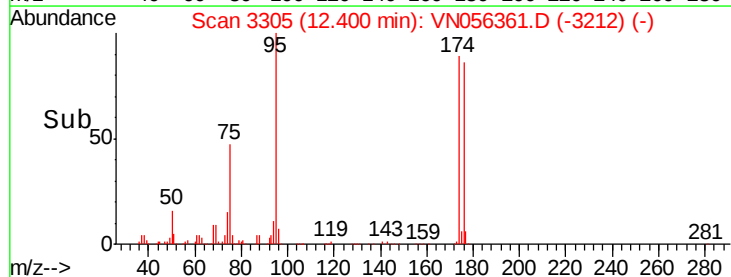
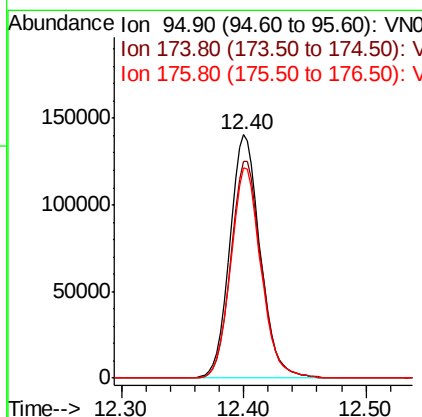
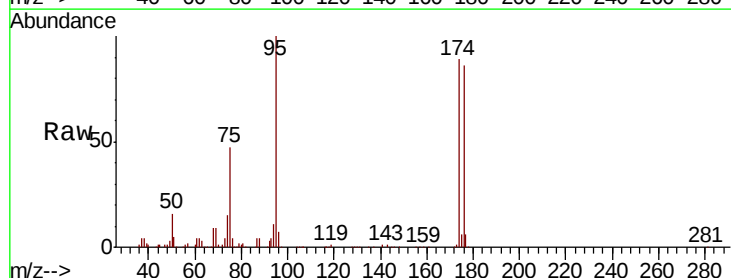
Instrument :
MSVOA_N
ClientSampled :

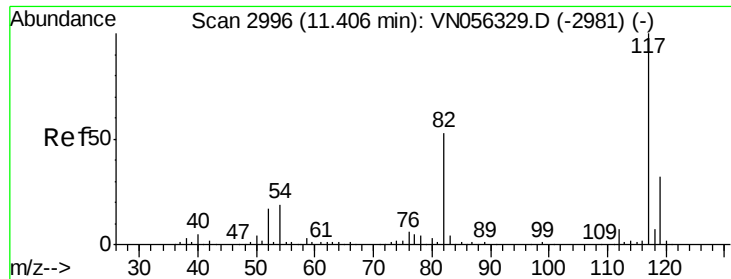
Tot Ion: 43 Resp: 153739
Ion Ratio Lower Upper
43 100
58 19.8 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 52.801 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Tgt Ion: 95 Resp: 243852
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.6
176 86.0 0.0 176.8

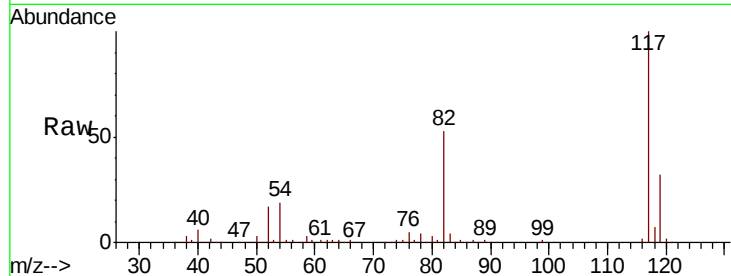




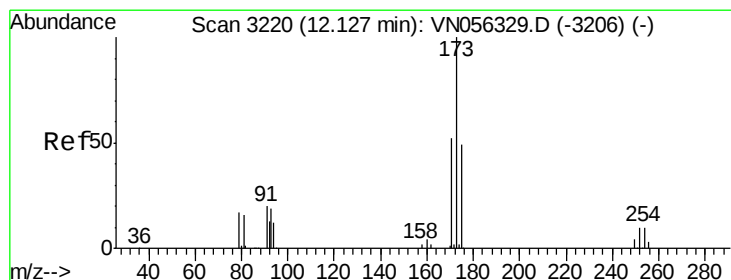
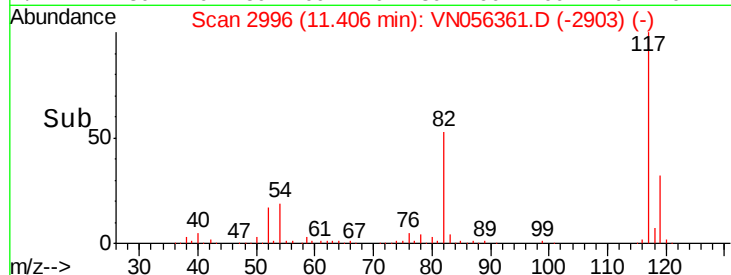
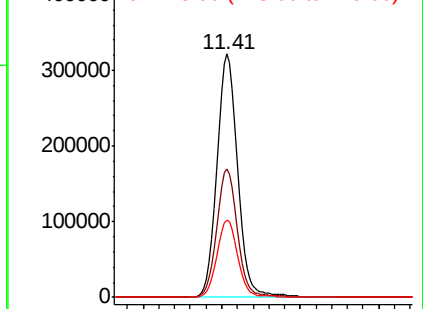
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 583125
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.9 26.0 39.0

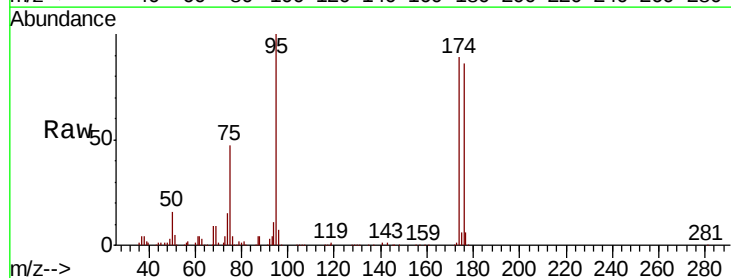


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

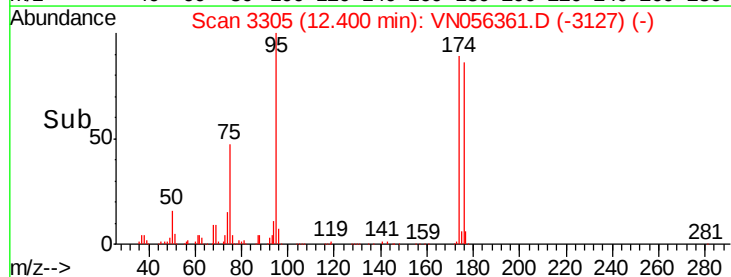
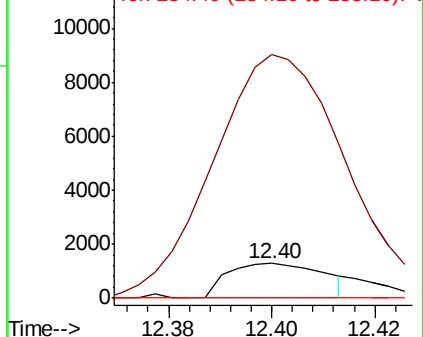


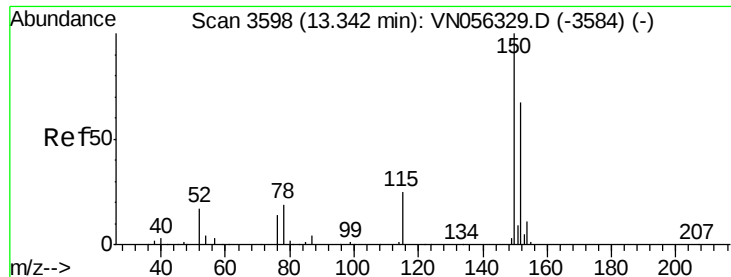
#71
Bromoform
Concen: 0.483 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056361.D
Acq: 18 Jun 2019 13:20

Tgt Ion:173 Resp: 1660
Ion Ratio Lower Upper
173 100
175 829.1 24.3 73.0#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

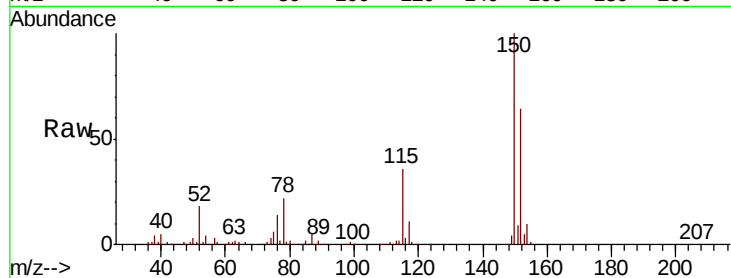
Tot Ion:152 Resp: 184803

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

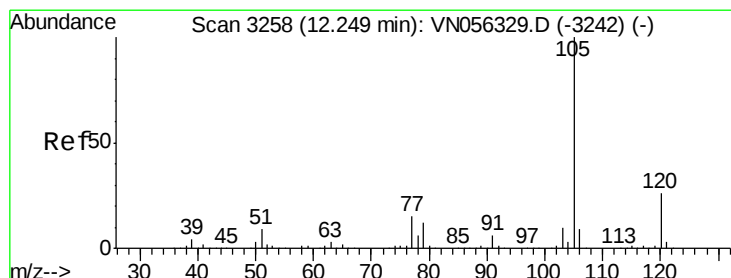
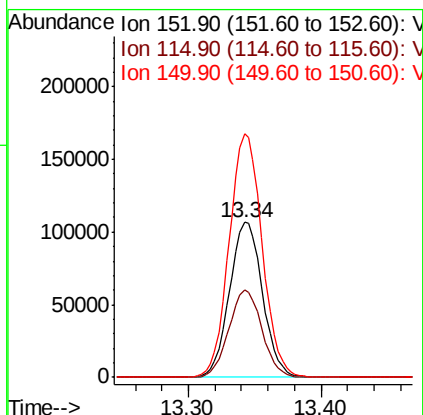
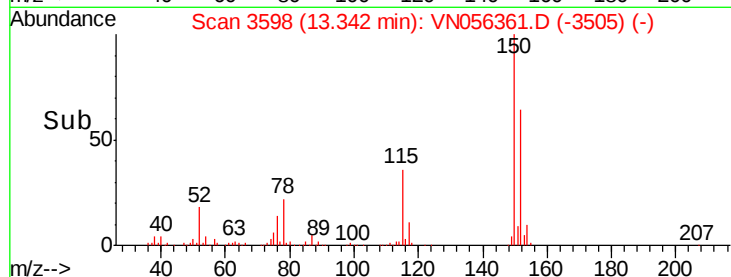
150 156.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056361.D

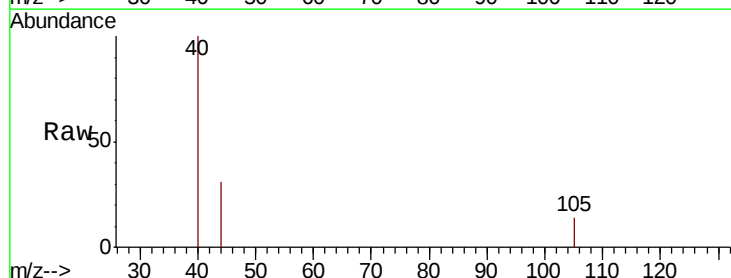
Acq: 18 Jun 2019 13:20

Tgt Ion:105 Resp: 279

Ion Ratio Lower Upper

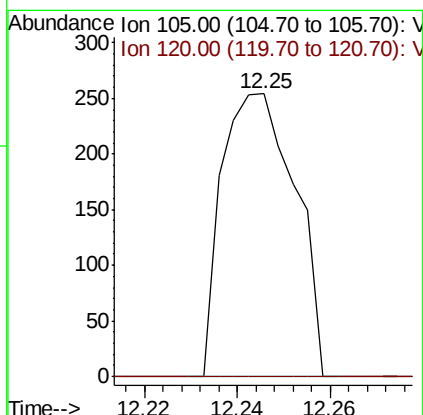
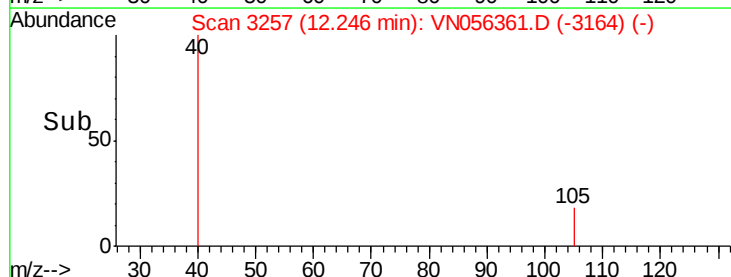
105 100

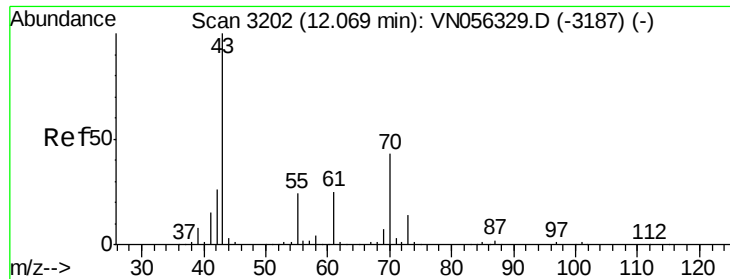
120 0.0 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.183 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 12677

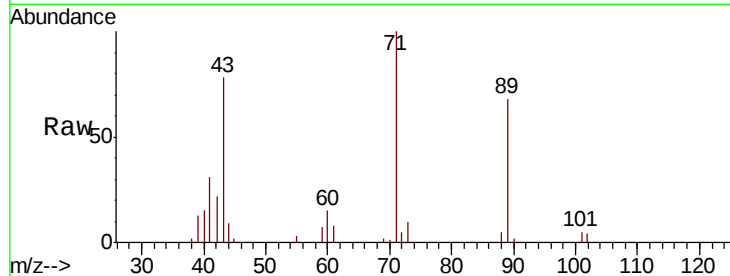
Ion Ratio Lower Upper

43 100

70 1.1 34.2 51.2#

55 3.2 19.9 29.9#

61 11.1 19.7 29.5#

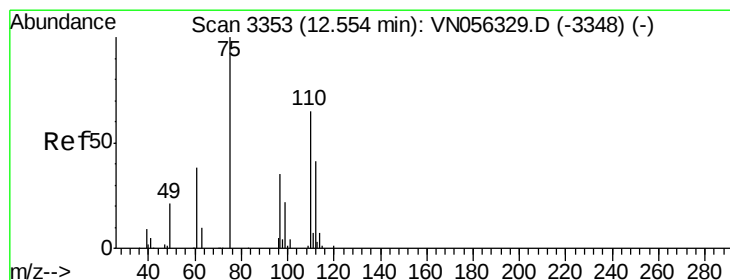
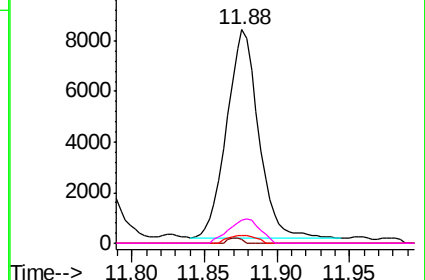
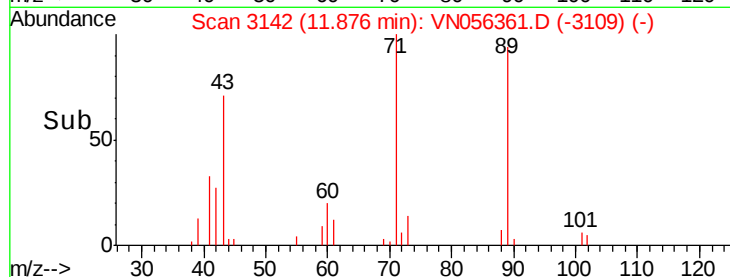


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 28.708 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056361.D

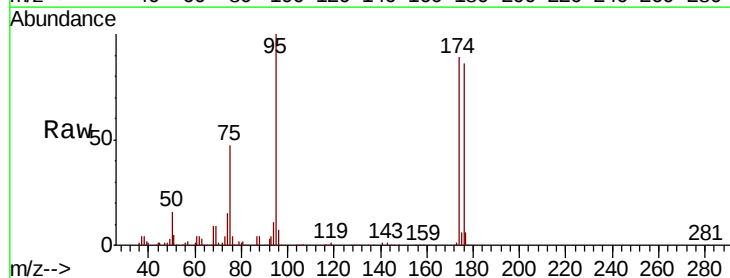
Acq: 18 Jun 2019 13:20

Tgt Ion: 75 Resp: 113351

Ion Ratio Lower Upper

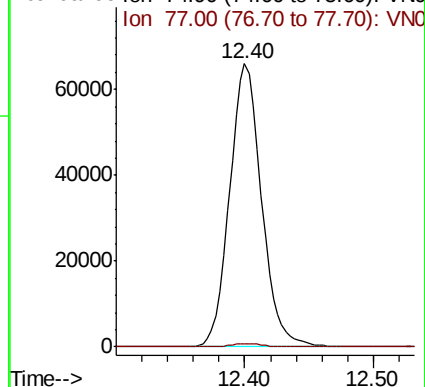
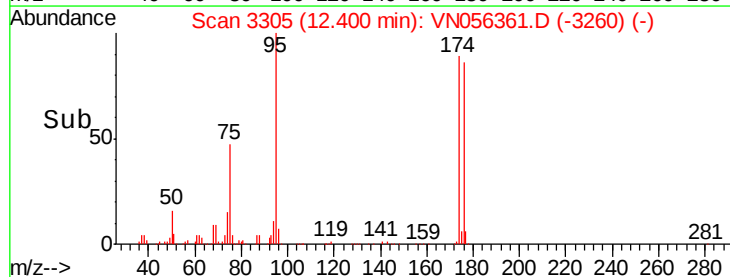
75 100

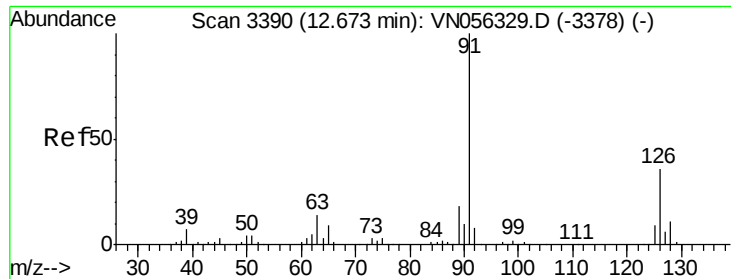
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

Instrument :

MSVOA_N

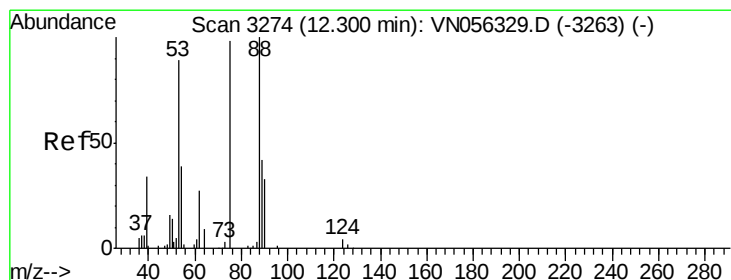
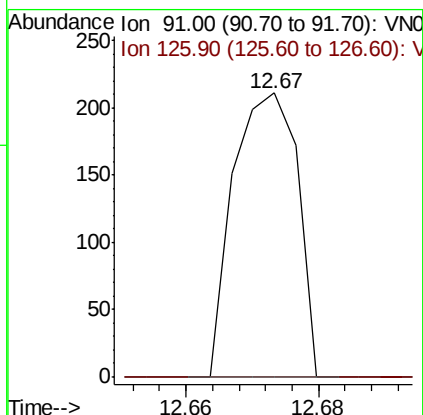
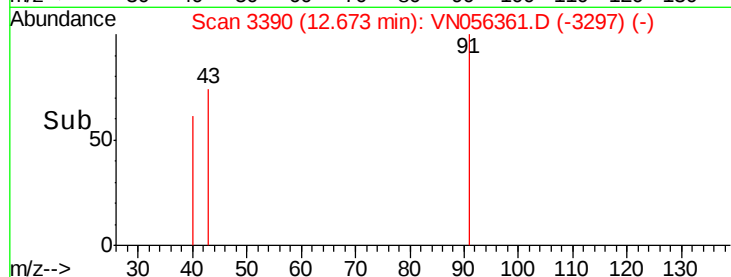
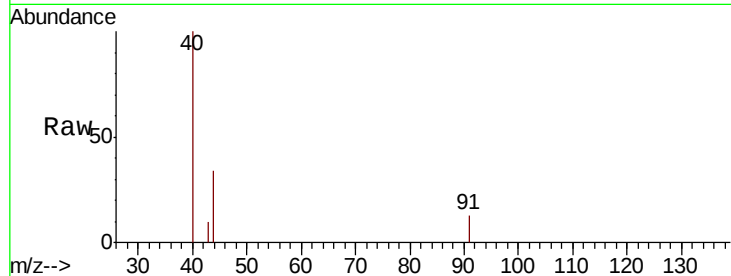
ClientSampleId :

Tot Ion: 91 Resp: 141

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.194 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056361.D

Acq: 18 Jun 2019 13:20

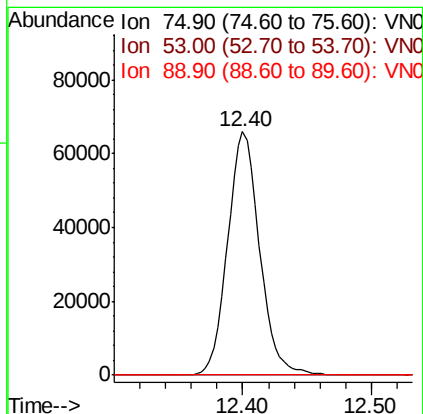
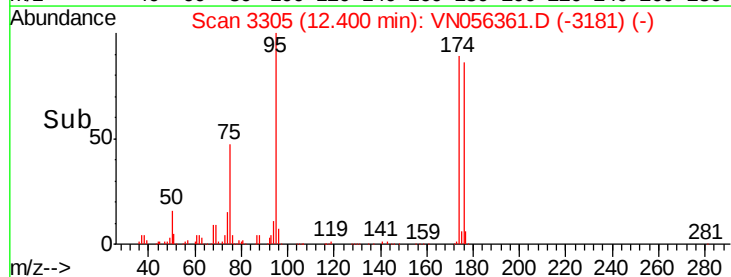
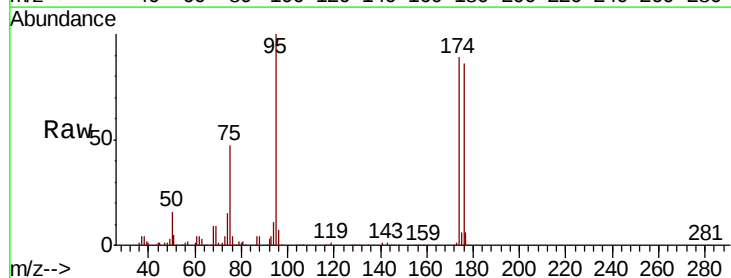
Tgt Ion: 75 Resp: 113351

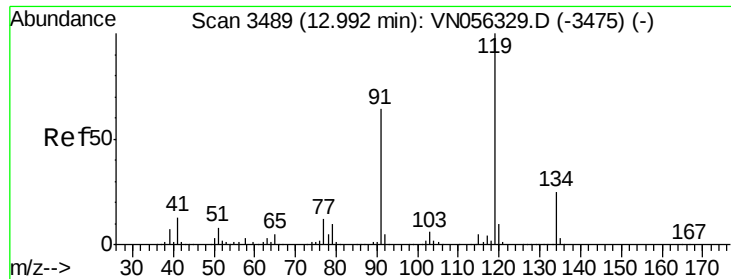
Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

89 0.0 35.4 53.2#

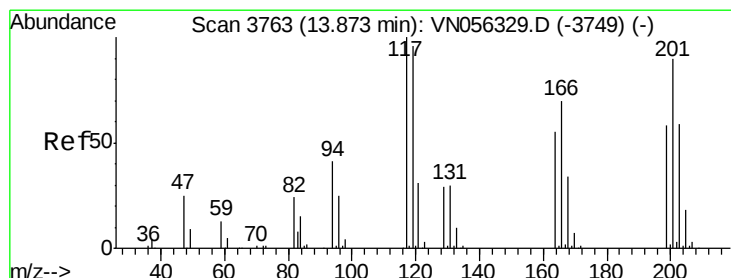
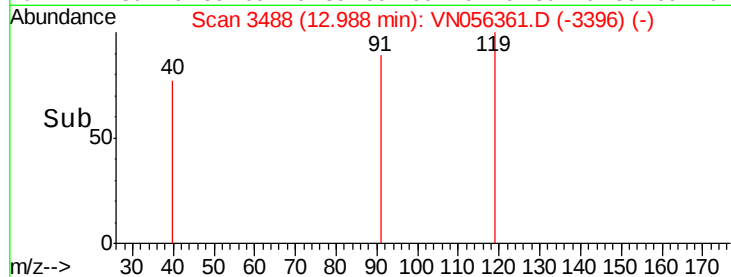
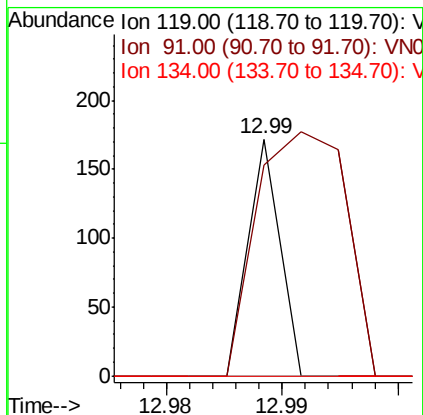
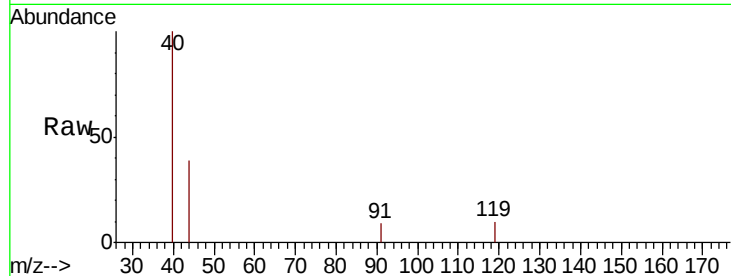




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

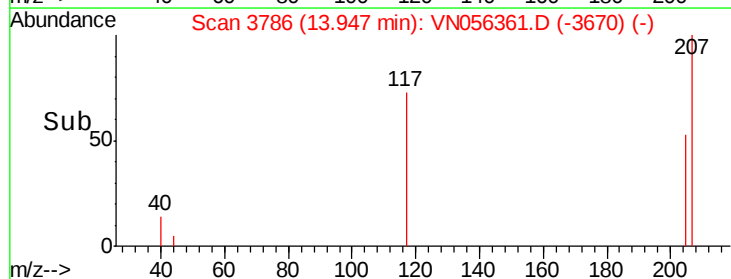
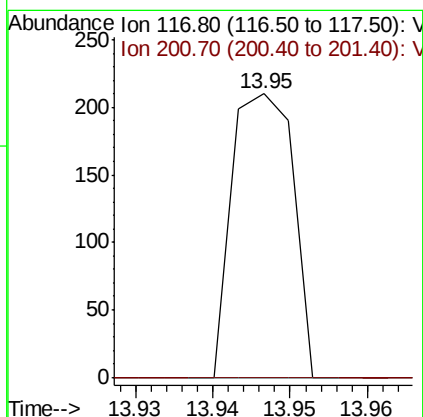
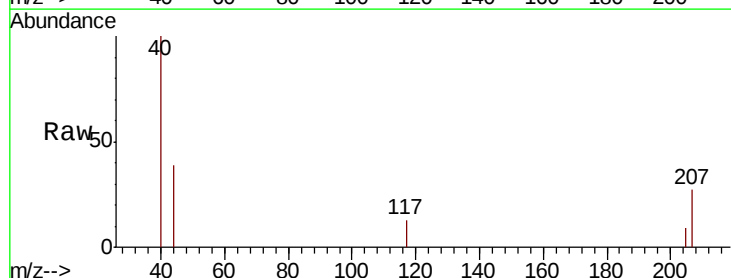
Instrument :
 MSVOA_N
 ClientSampleId :

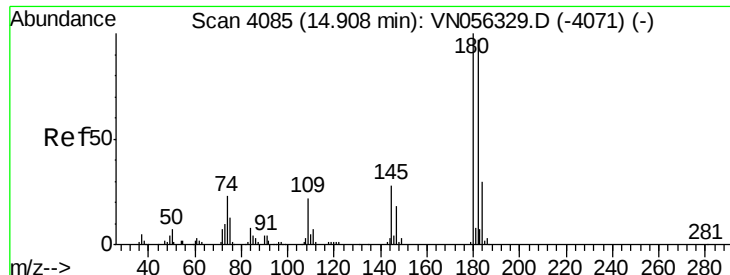
Tot Ion:119 Resp: 33
 Ion Ratio Lower Upper
 119 100
 91 287.9 31.5 94.5#
 134 0.0 13.6 40.7#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.95 min Scan# 3786
 Delta R.T. 0.07 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Tgt Ion:117 Resp: 116
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.8 137.3#

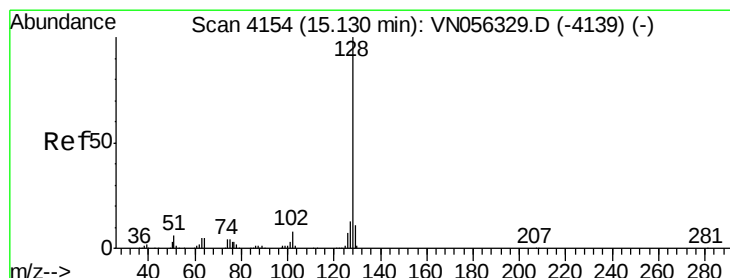
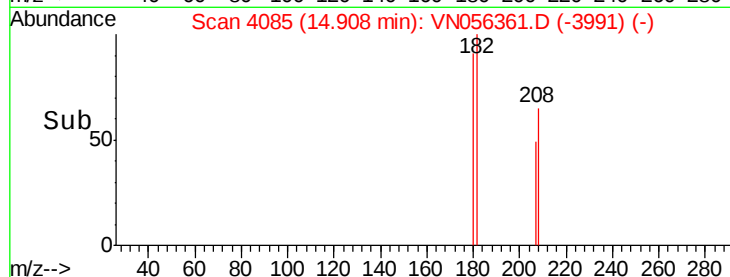
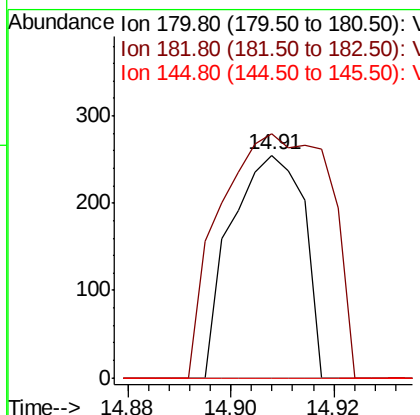
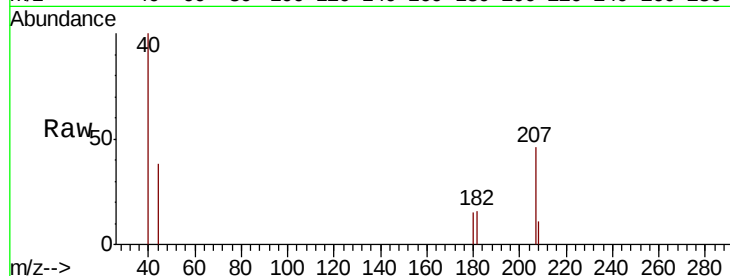




#93
 1,2,4-Trichlorobenzene
 Concen: 5.375 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

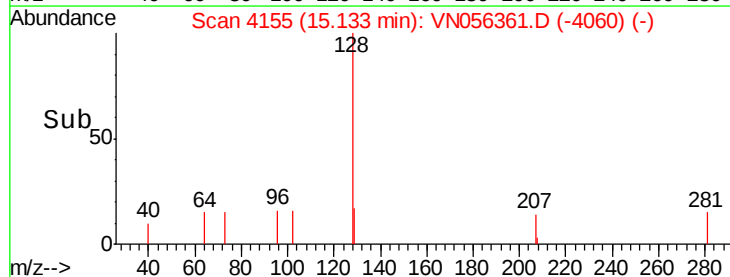
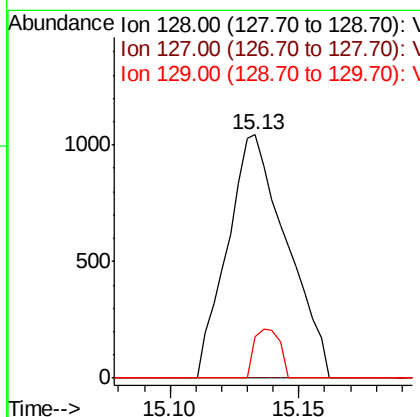
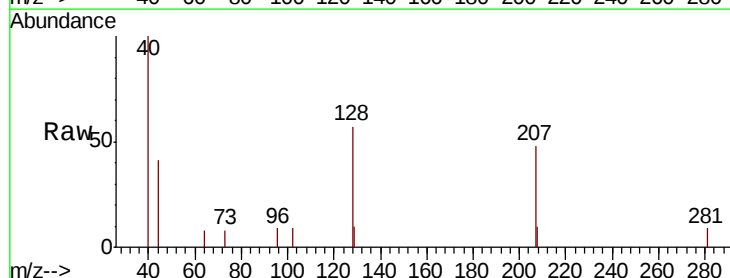
Instrument :
 MSVOA_N
 ClientSampleId :

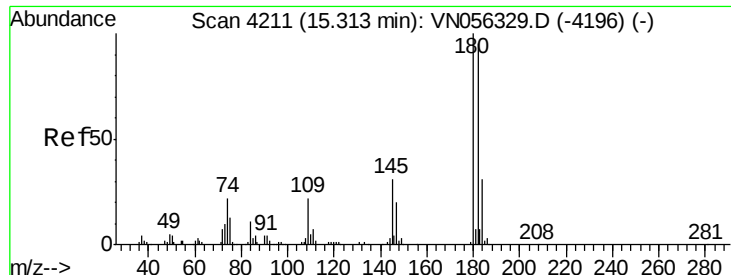
Tot Ion:180 Resp: 248
 Ion Ratio Lower Upper
 180 100
 182 165.3 47.4 142.3#
 145 0.0 14.0 41.9#



#95
 Naphthalene
 Concen: 4.840 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Tgt Ion:128 Resp: 1673
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 8.7 8.6 12.8

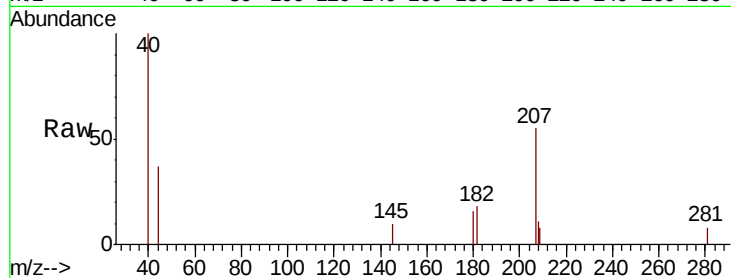




#96
 1,2,3-Trichlorobenzene
 Concen: 3.912 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056361.D
 Acq: 18 Jun 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	34.8	14.9	44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

