

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056356.D
 Acq On : 18 Jun 2019 11:21
 Operator : JC/SP
 Sample : K3163-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:58:17 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	7.67	168	334741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	567750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196379	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	195817	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	170976	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	730044	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	246897	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.54	41	5205	0.999	ug/l #	27
16) Acetone	3.83	43	10704	5.147	ug/l	96
18) Methyl Acetate	4.33	43	2300	Below Cal	#	88
20) Methylene Chloride	4.54	84	130743	35.601	ug/l	99
25) 2-Butanone	6.87	43	892	0.354	ug/l #	48
29) Tetrahydrofuran	7.23	42	748	0.500	ug/l #	49
30) Chloroform	7.37	83	3805	0.636	ug/l	99
31) Cyclohexane	7.67	56	5608	0.967	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22366	4.378	ug/l #	47
38) Carbon Tetrachloride	7.67	117	28793	5.872	ug/l #	16
43) Isopropyl Acetate	8.17	43	13087	1.690	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1788	0.437	ug/l #	44
48) Methyl methacrylate	9.18	41	8255	2.113	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	4007	0.812	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	54158	9.094	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	12033	1.838	ug/l #	42
59) 2-Hexanone	10.76	43	163858	44.758	ug/l #	51
68) m/p-Xylenes	11.62	106	1692	0.220	ug/l	99
71) Bromoform	12.40	173	1716	0.493	ug/l #	1
73) Isopropylbenzene	12.24	105	445	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.39	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	114486	27.286	ug/l #	100
79) 2-Chlorotoluene	12.66	91	520	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	6109	0.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	114486	84.776	ug/l #	13
83) tert-Butylbenzene	12.99	119	155	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	12748	0.999	ug/l	98
90) Hexachloroethane	13.89	117	376	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	433	5.420	ug/l #	80
94) Hexachlorobutadiene	15.01	225	73	Below Cal	#	19
95) Naphthalene	15.13	128	110813	15.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	363	3.897	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056356.D
Acq On : 18 Jun 2019 11:21
Operator : JC/SP
Sample : K3163-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:58:17 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

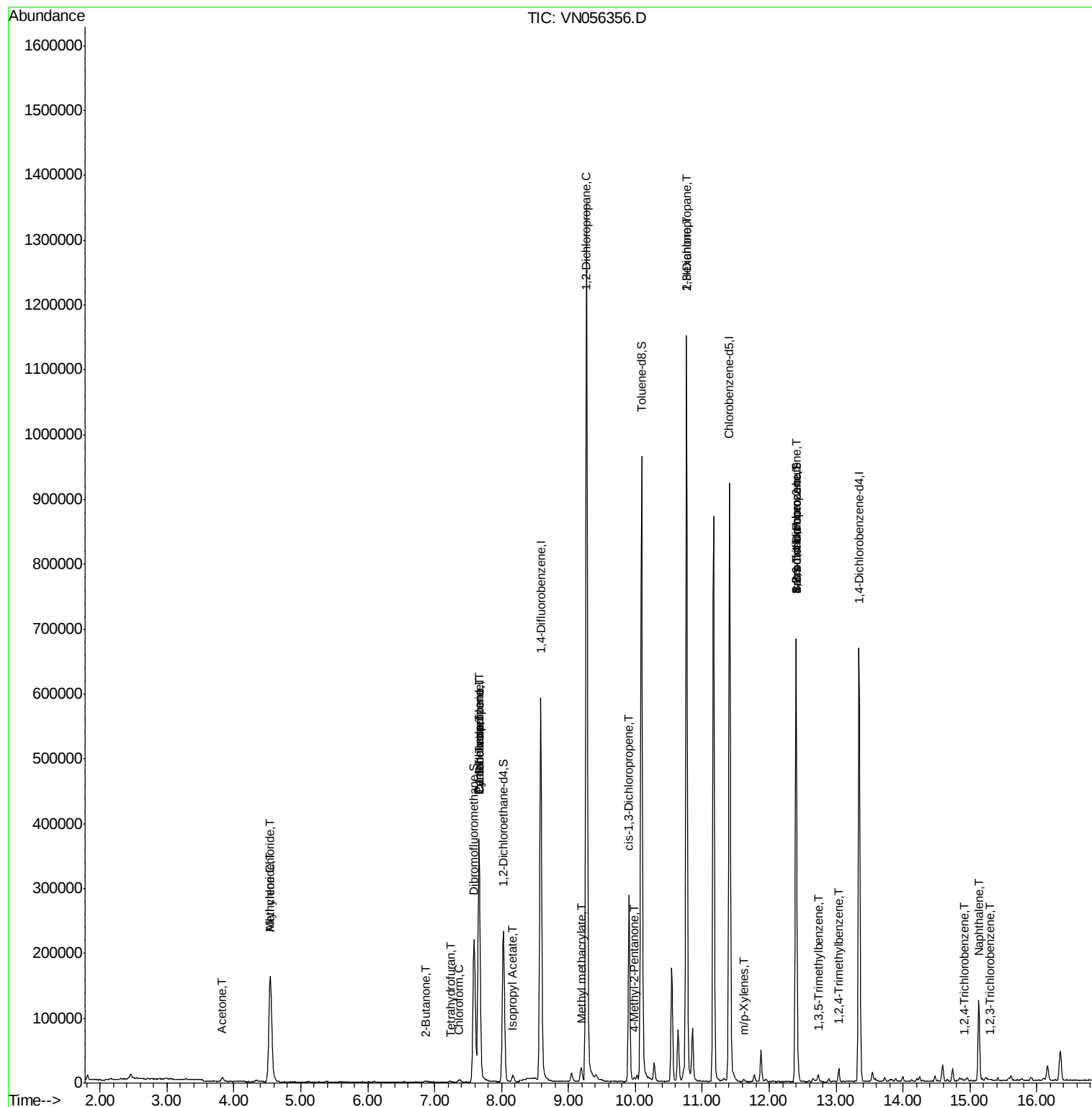
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

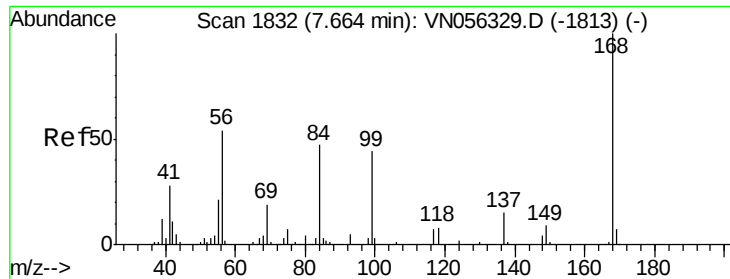
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056356.D
Acq On : 18 Jun 2019 11:21
Operator : JC/SP
Sample : K3163-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:58:17 2019
Quant Method : Z:\V0ASRV\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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

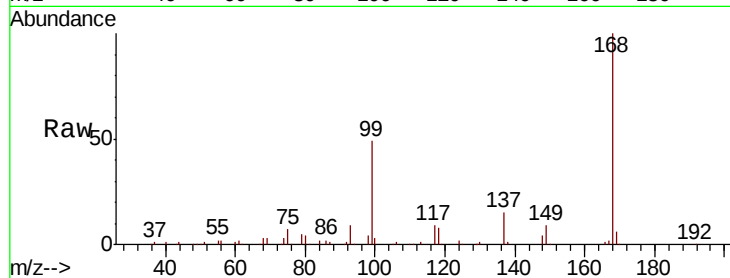
ClientSampleId :

Tot Ion:168 Resp: 334741

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



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

Ion 98.90 (98.60 to 99.60): VN056329.D

7.67

150000

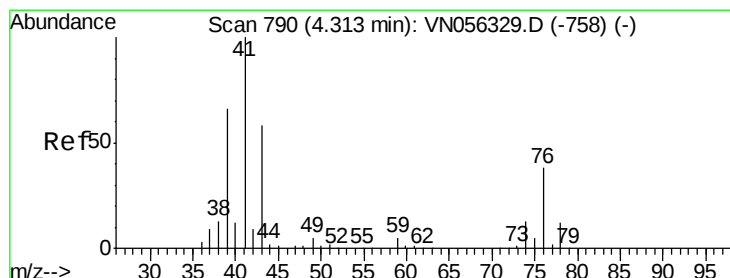
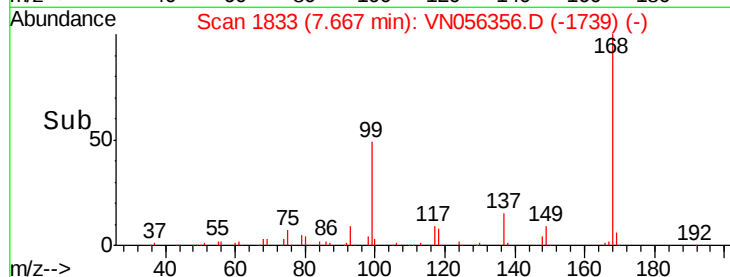
100000

50000

0

7.60 7.70

Time-->



#14

Allyl chloride

Concen: 0.999 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

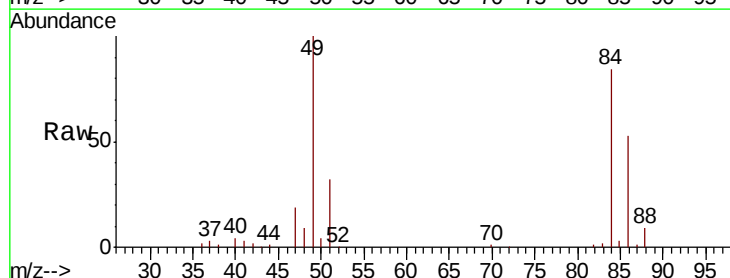
Tgt Ion: 41 Resp: 5205

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 27.2 40.8#



Abundance Ion 41.00 (40.70 to 41.70): VN056329.D

Ion 39.00 (38.70 to 39.70): VN056329.D

Ion 75.90 (75.60 to 76.60): VN056329.D

4.54

2000

1500

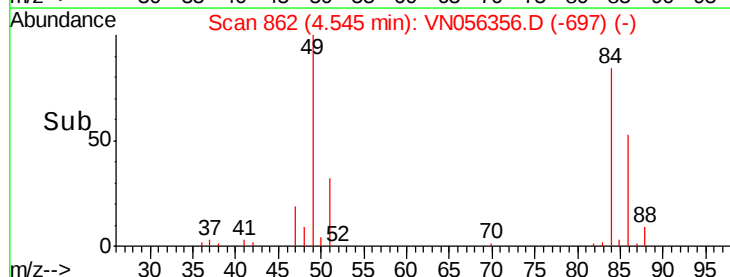
1000

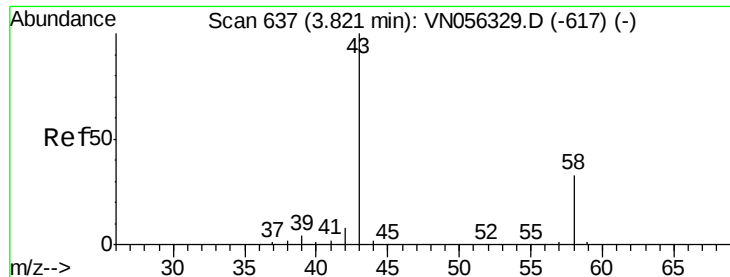
500

0

4.45 4.50 4.55 4.60

Time-->





#16

Acetone

Concen: 5.147 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

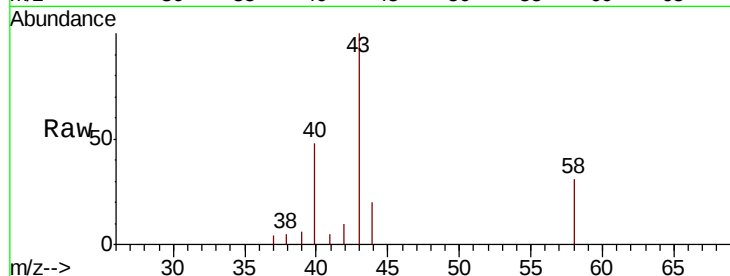
ClientSampleId :

Tot Ion: 43 Resp: 10704

Ion Ratio Lower Upper

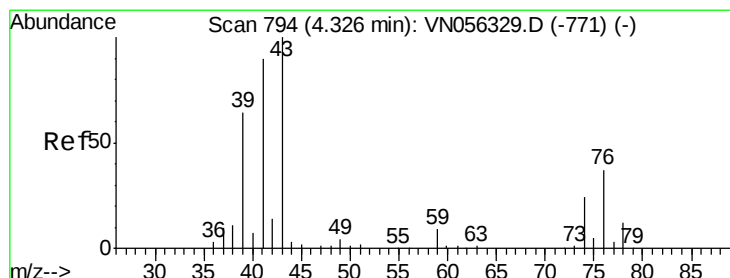
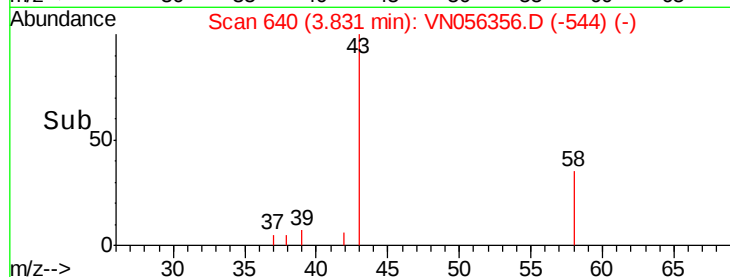
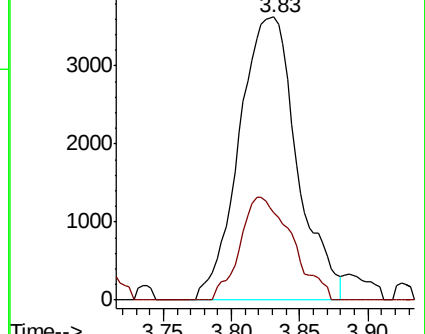
43 100

58 31.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN056356.D

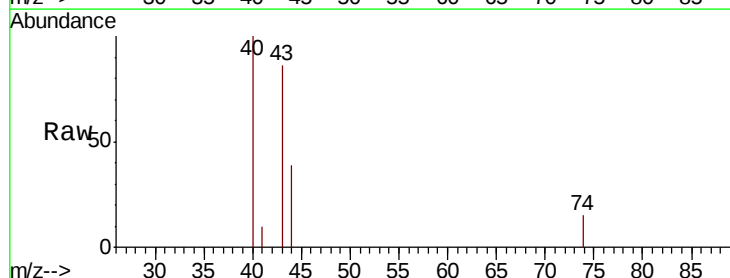
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 2300

Ion Ratio Lower Upper

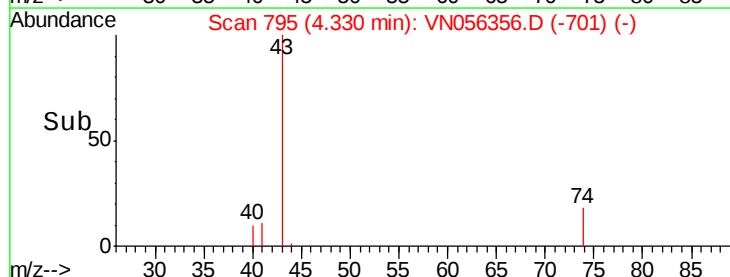
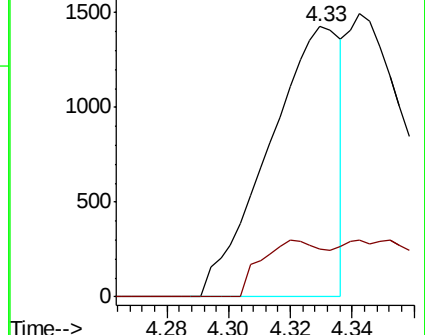
43 100

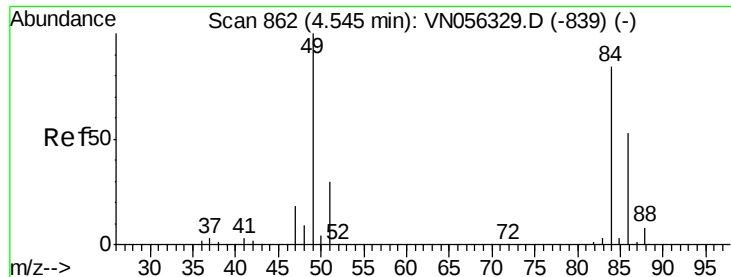
74 18.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

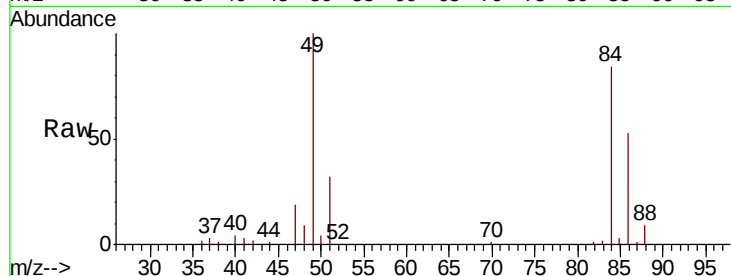




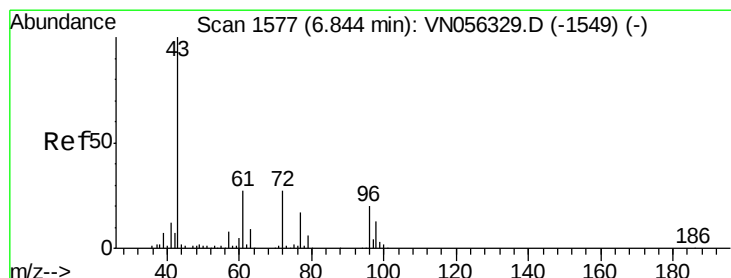
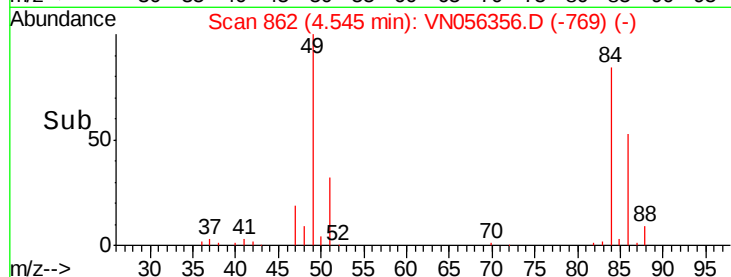
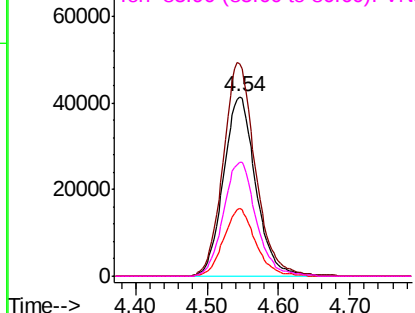
#20
Methylene Chloride
Concen: 35.601 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 130743
Ion Ratio Lower Upper
84 100
49 118.6 95.0 142.6
51 37.9 28.2 42.4
86 63.1 50.6 75.8

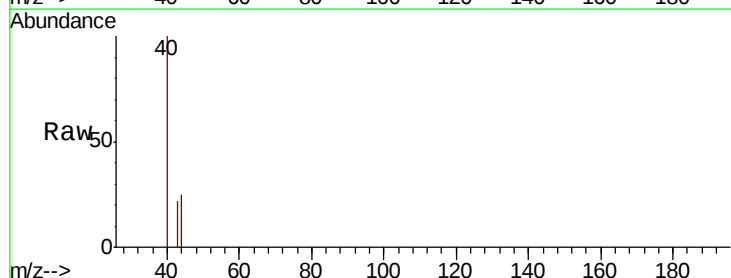


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

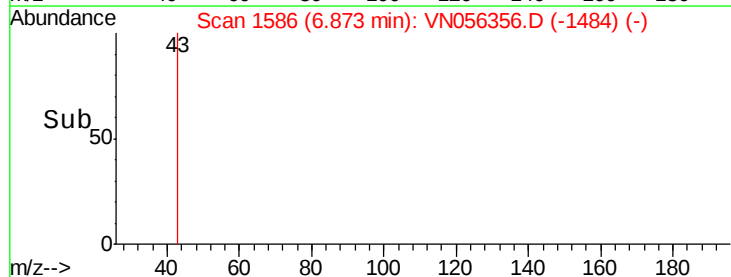
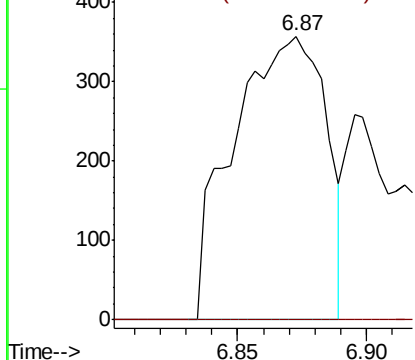


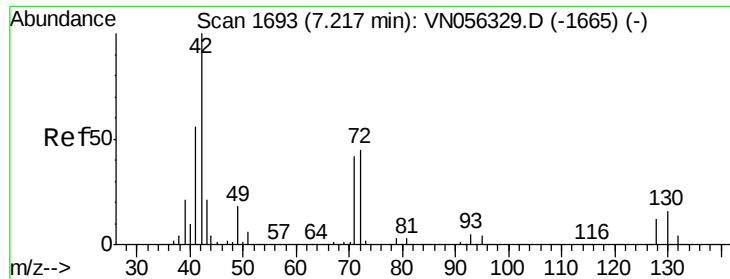
#25
2-Butanone
Concen: 0.354 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. 0.03 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

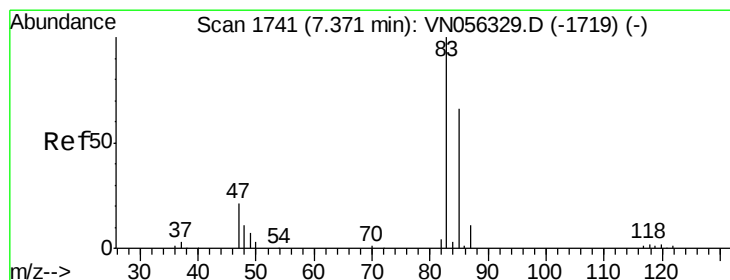
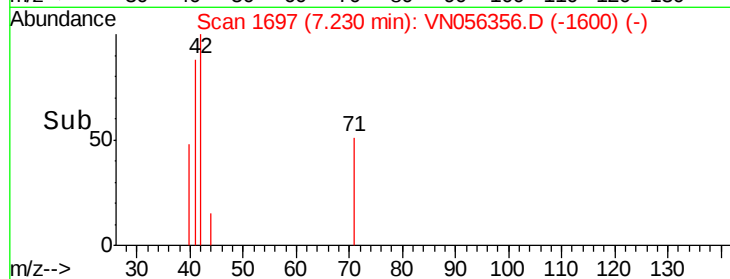
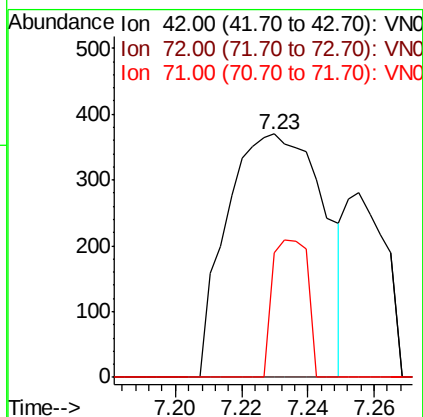
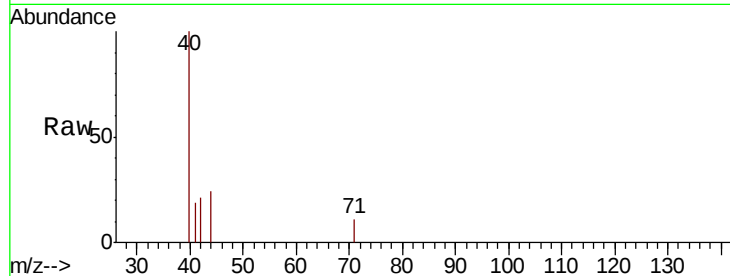




#29
Tetrahydrofuran
Concen: 0.500 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

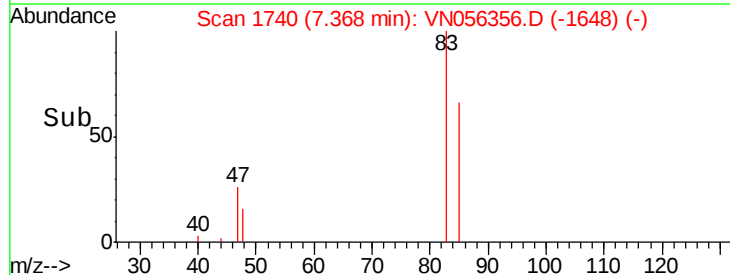
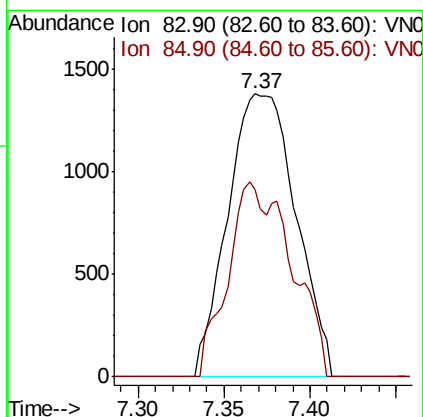
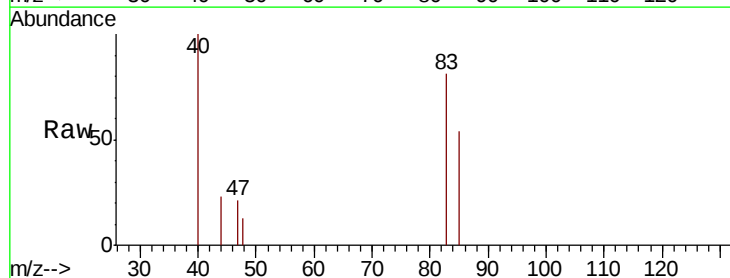
Instrument :
MSVOA_N
ClientSampled :

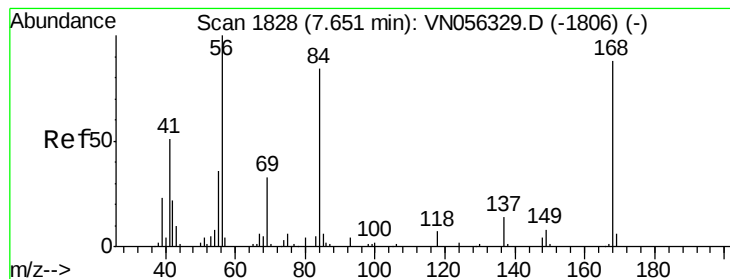
Tot Ion: 42 Resp: 748
Ion Ratio Lower Upper
42 100
72 0.0 35.3 52.9#
71 20.6 32.7 49.1#



#30
Chloroform
Concen: 0.636 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 83 Resp: 3805
Ion Ratio Lower Upper
83 100
85 66.4 52.6 78.8





#31

Cyclohexane

Concen: 0.967 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampled :

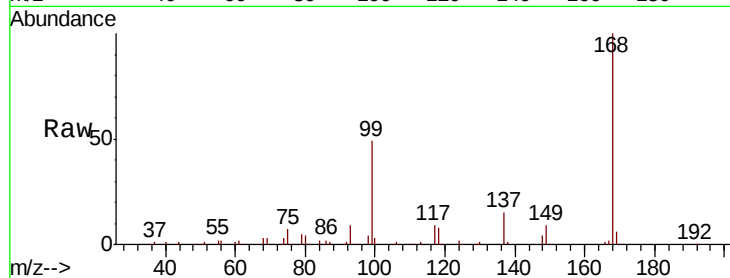
Tot Ion: 56 Resp: 5608

Ion Ratio Lower Upper

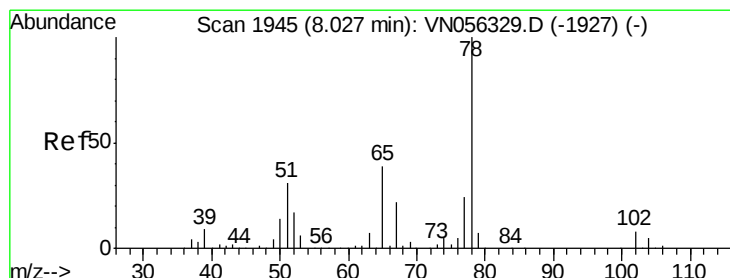
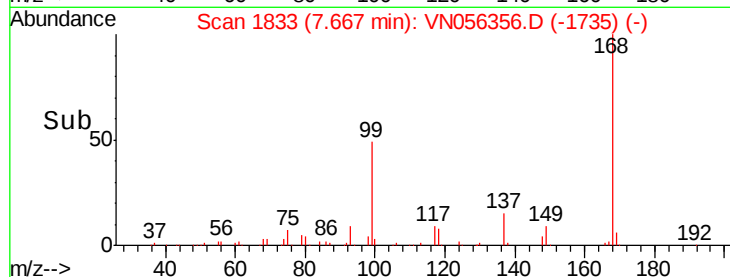
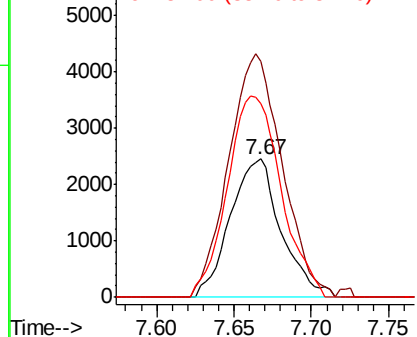
56 100

69 170.6 26.0 39.0#

84 140.1 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.026 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056356.D

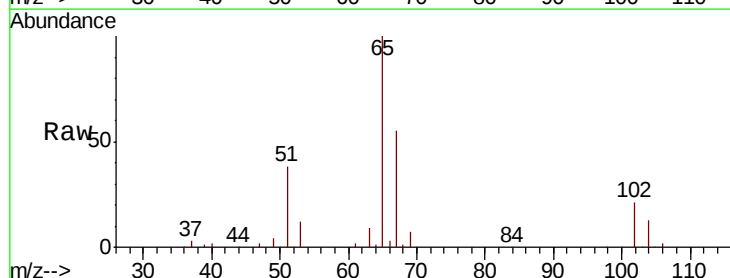
Acq: 18 Jun 2019 11:21

Tgt Ion: 65 Resp: 195817

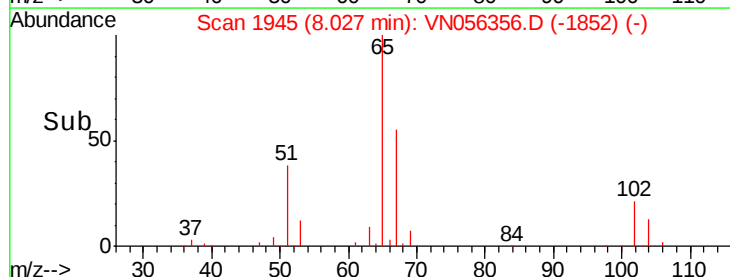
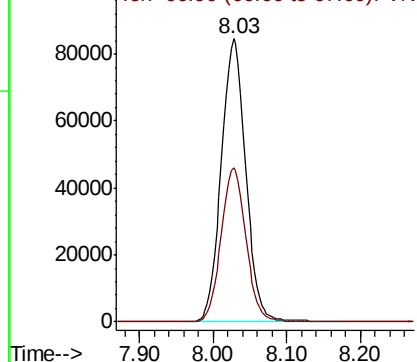
Ion Ratio Lower Upper

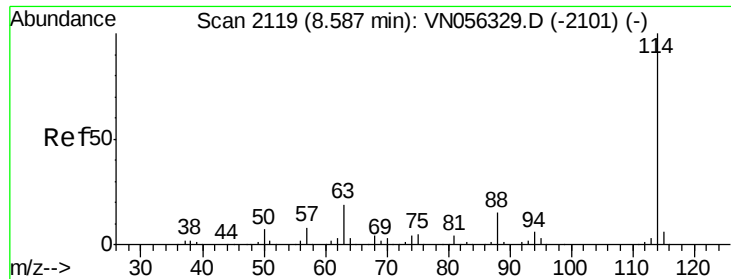
65 100

67 55.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

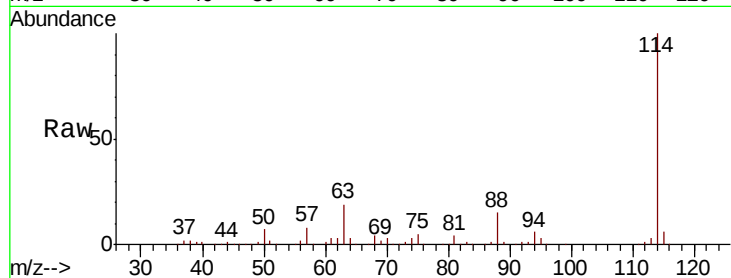




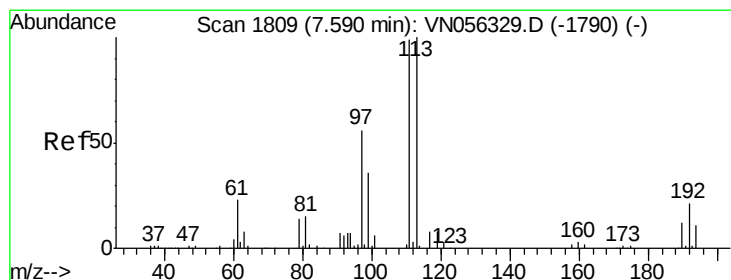
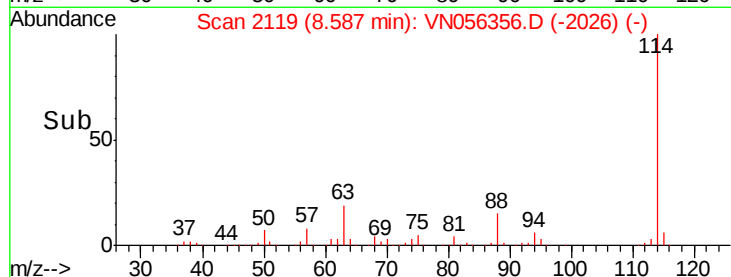
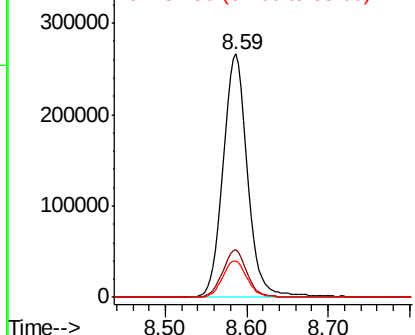
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 567750
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.1 0.0 30.6

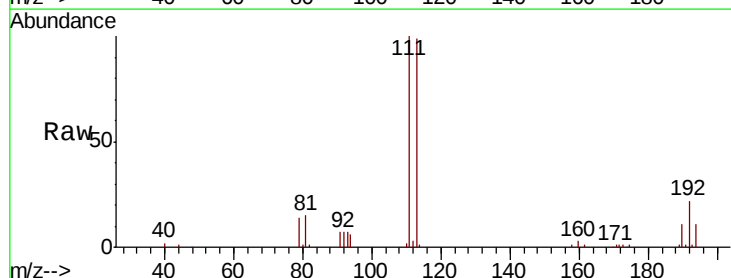


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

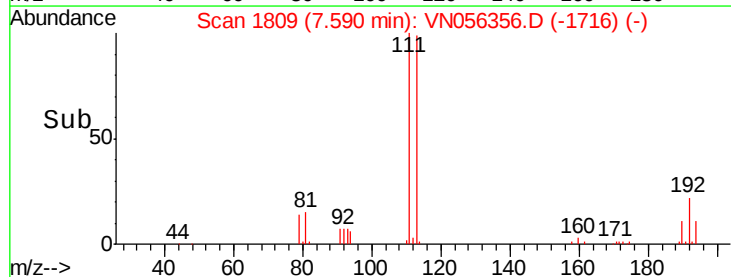
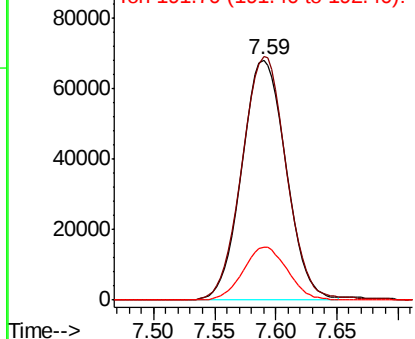


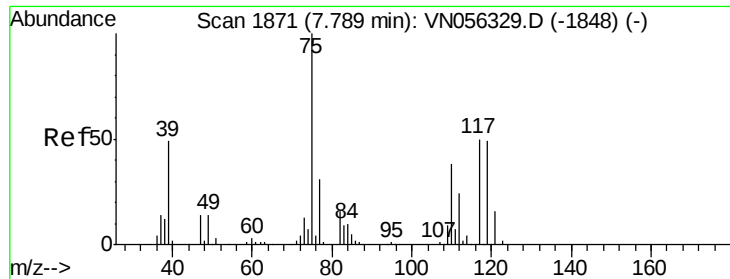
#35
 Dibromofluoromethane
 Concen: 46.960 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Tgt Ion:113 Resp: 170976
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 22.1 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

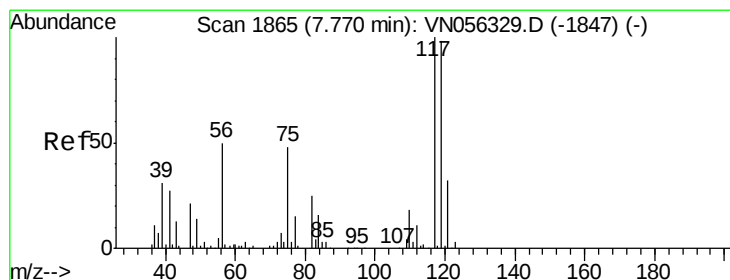
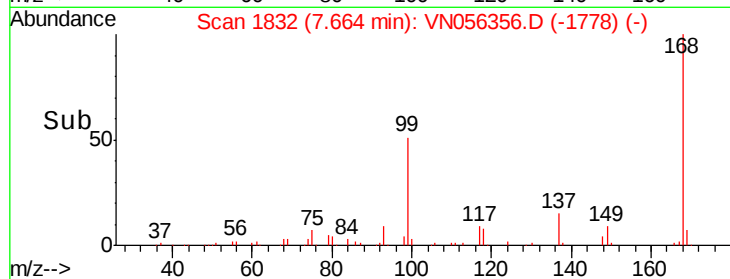
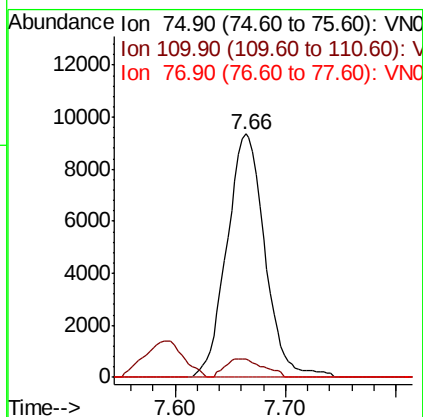
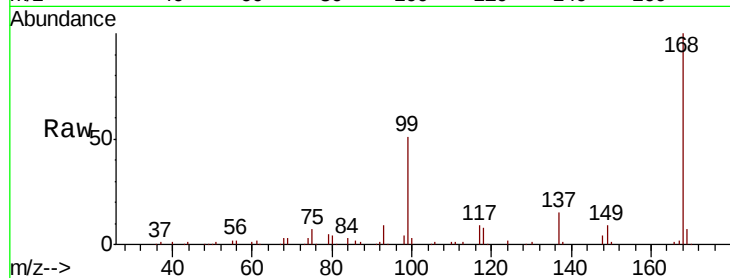




#36
 1,1-Dichloropropene
 Concen: 4.378 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

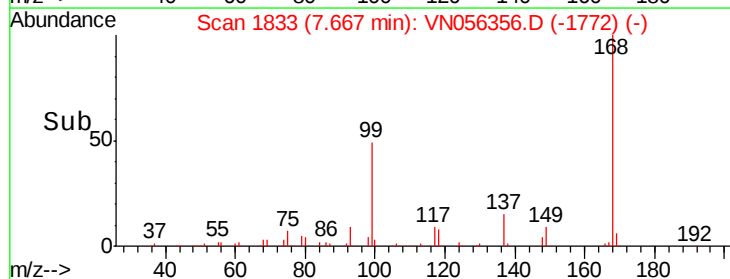
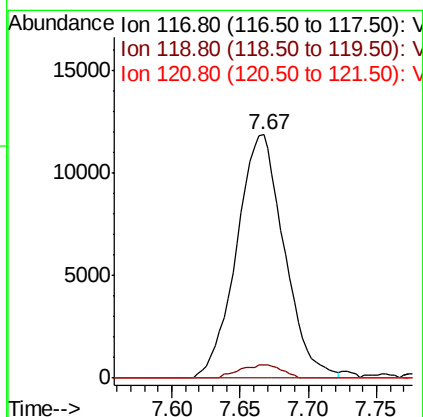
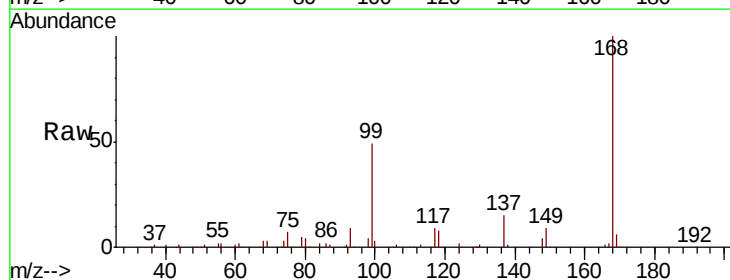
Instrument :
 MSVOA_N
 ClientSampleId :

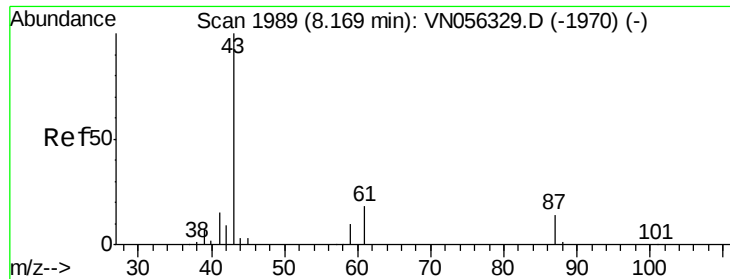
Tot Ion	75	Resp	22366
Ion Ratio	Lower	Upper	
75	100		
110	7.6	18.6	56.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.872 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Tgt Ion	117	Resp	28793
Ion Ratio	Lower	Upper	
117	100		
119	5.6	77.8	116.8#
121	0.0	25.3	37.9#





#43

Isopropyl Acetate

Concen: 1.690 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

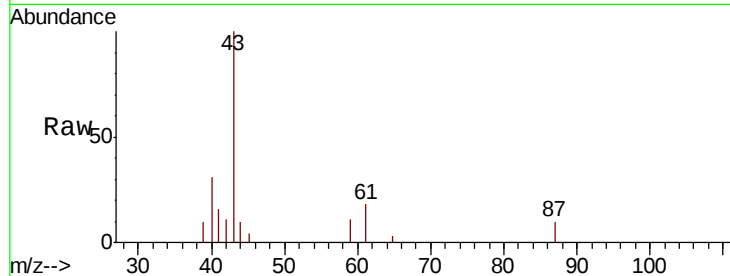
Tot Ion: 43 Resp: 13087

Ion Ratio Lower Upper

43 100

61 17.8 16.6 25.0

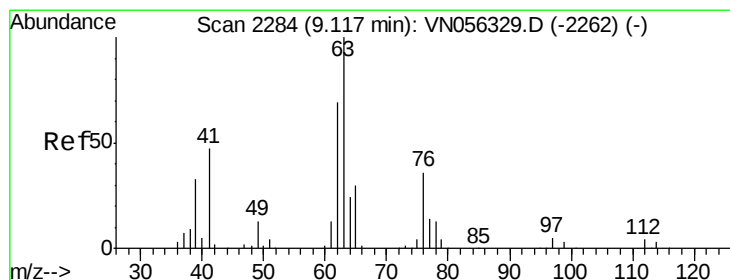
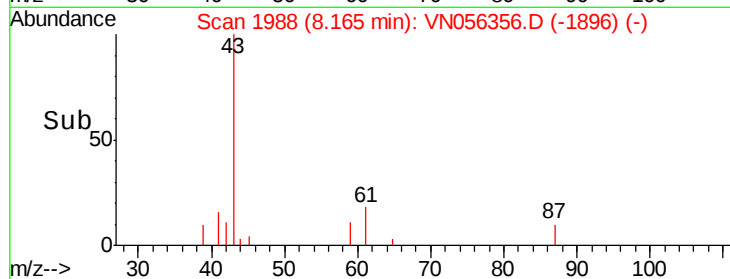
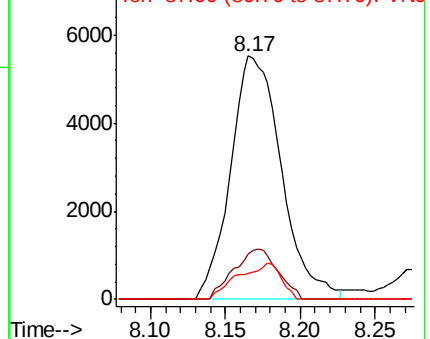
87 12.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.437 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN056356.D

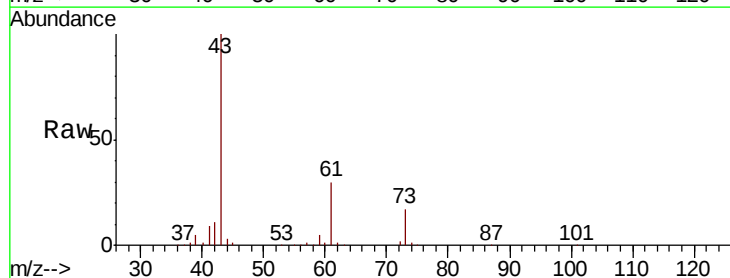
Acq: 18 Jun 2019 11:21

Tgt Ion: 63 Resp: 1788

Ion Ratio Lower Upper

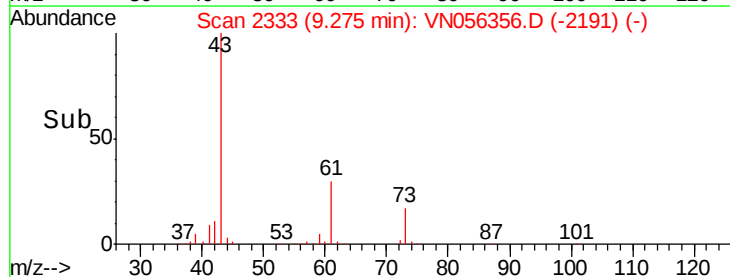
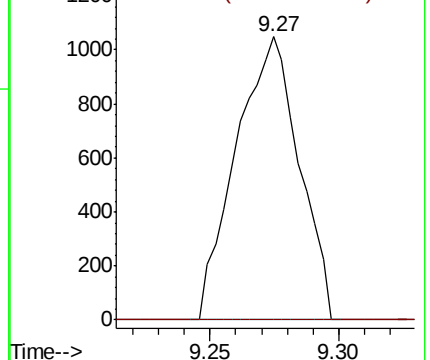
63 100

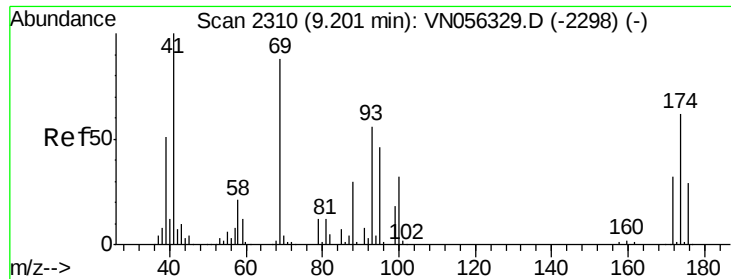
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

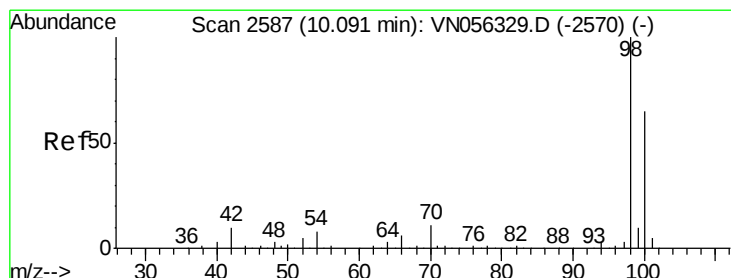
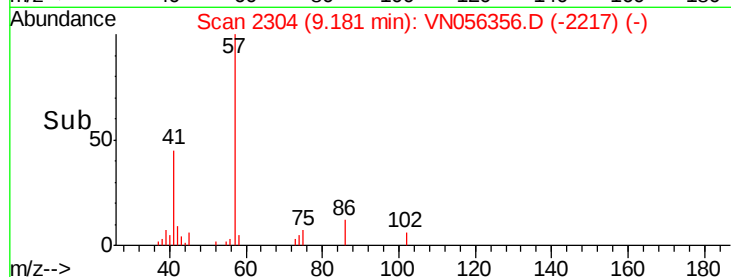
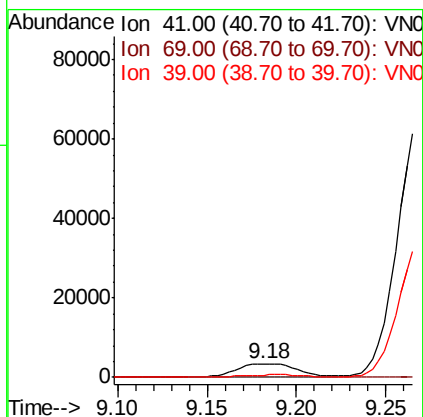
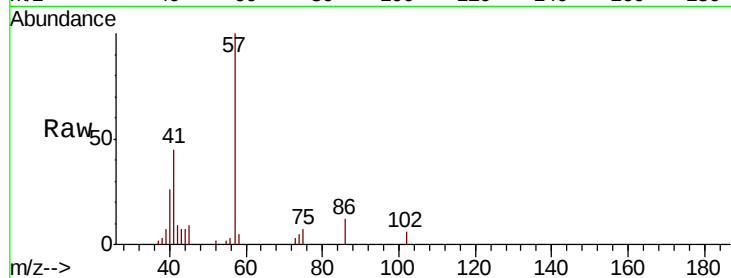




#48
Methvl methacrylate
Concen: 2.113 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

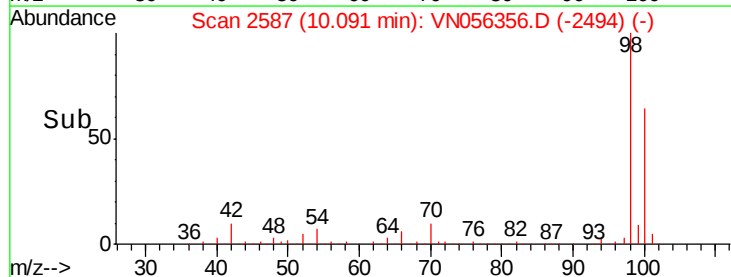
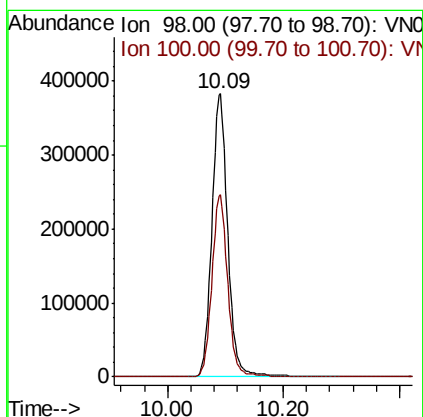
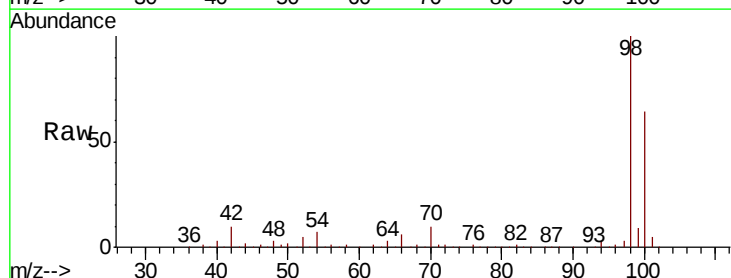
Instrument :
MSVOA_N
ClientSampled :

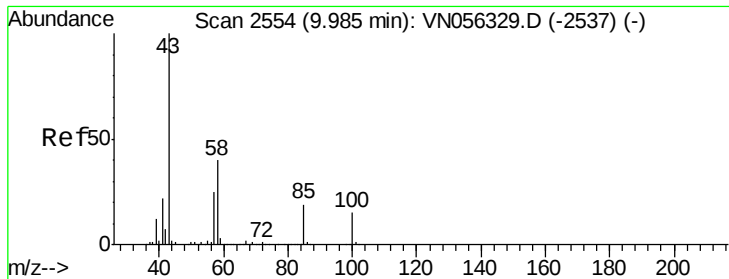
Tot Ion: 41 Resp: 8255
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 41.7 62.5#



#50
Toluene-d8
Concen: 52.487 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 98 Resp: 730044
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.812 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

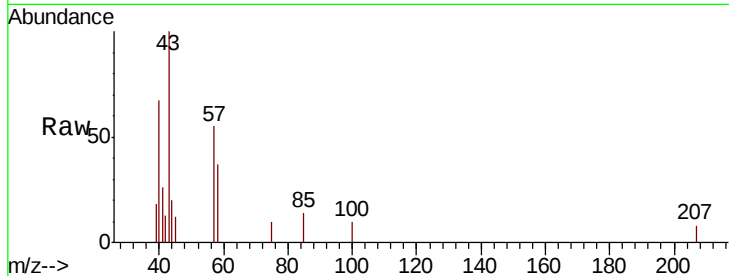
ClientSampled :

Tot Ion: 43 Resp: 4007

Ion Ratio Lower Upper

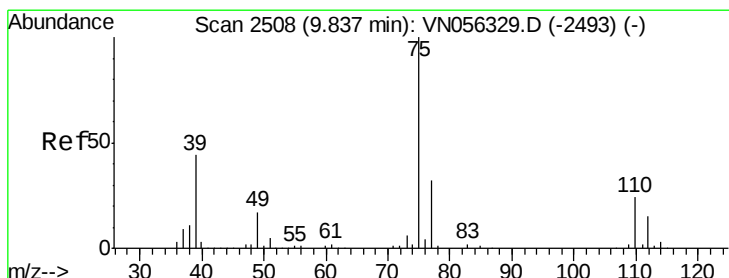
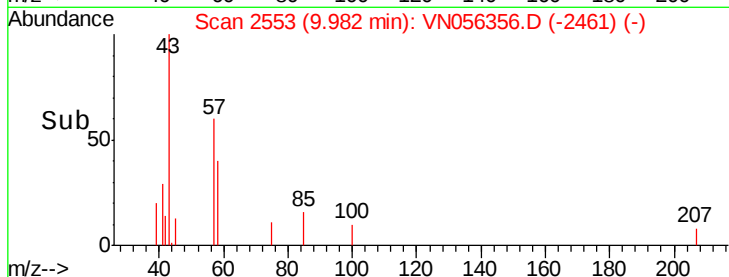
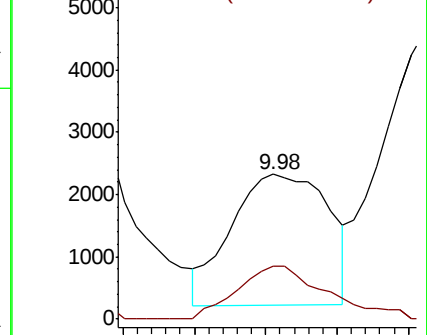
43 100

58 37.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.094 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

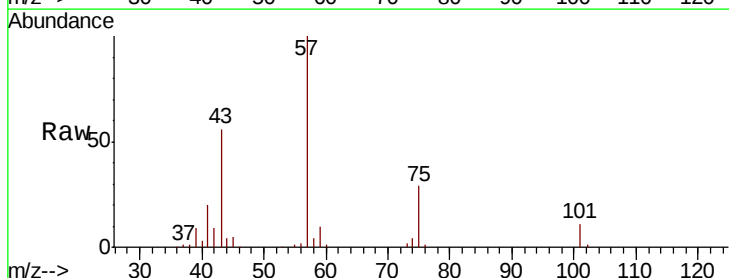
Tgt Ion: 75 Resp: 54158

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

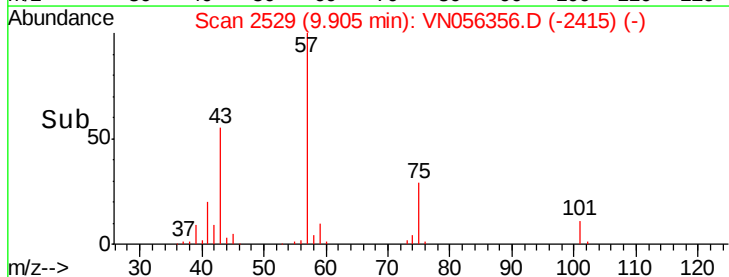
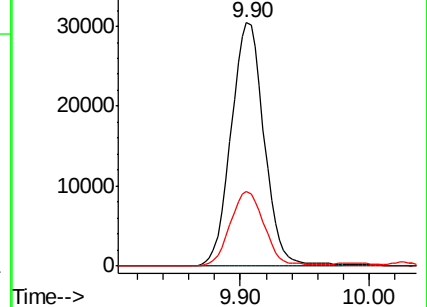
39 30.5 35.4 53.0#

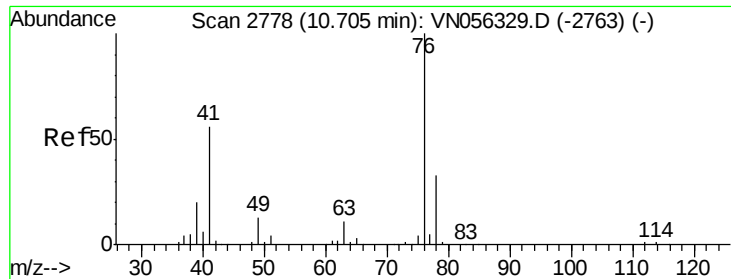


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

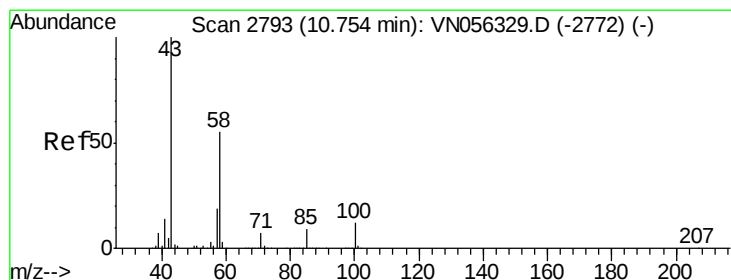
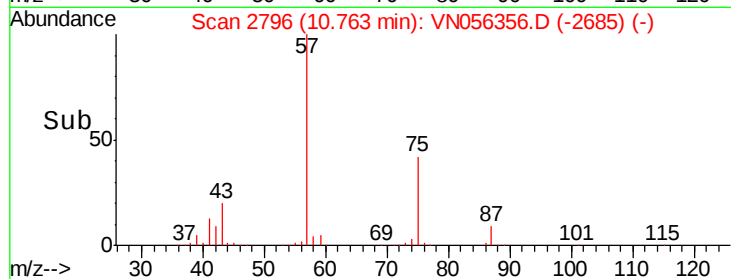
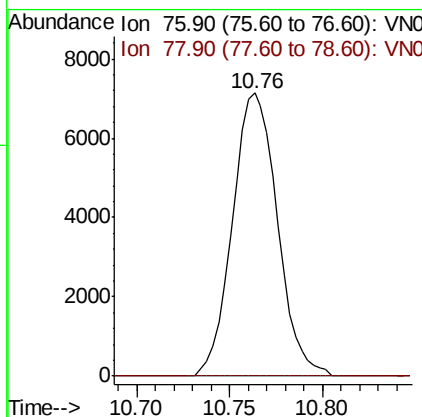
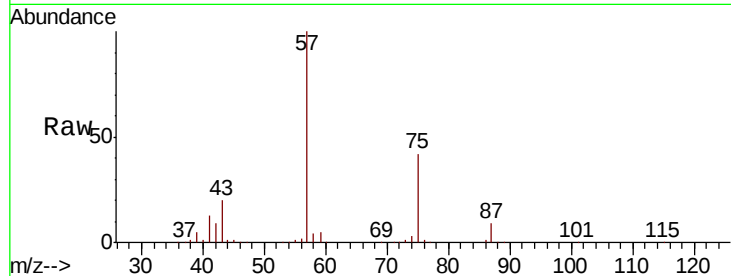




#57
 1,3-Dichloropropane
 Concen: 1.838 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

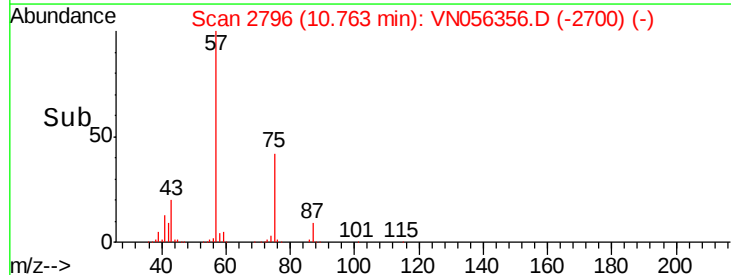
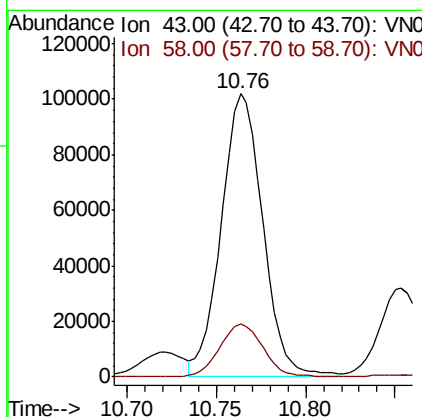
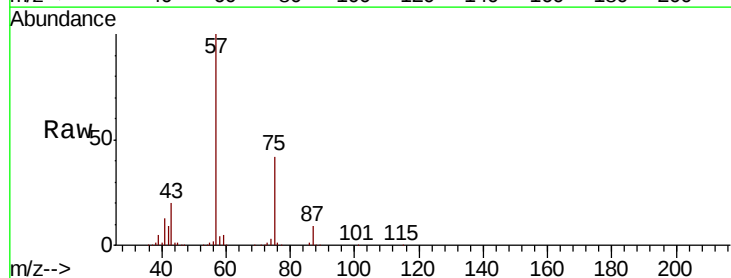
Instrument :
 MSVOA_N
 ClientSampleId :

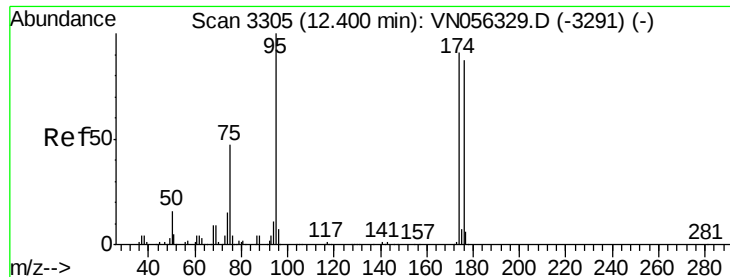
Tot Ion: 76 Resp: 12033
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



#59
 2-Hexanone
 Concen: 44.758 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 163858
 Ion Ratio Lower Upper
 43 100
 58 19.8 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 53.567 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

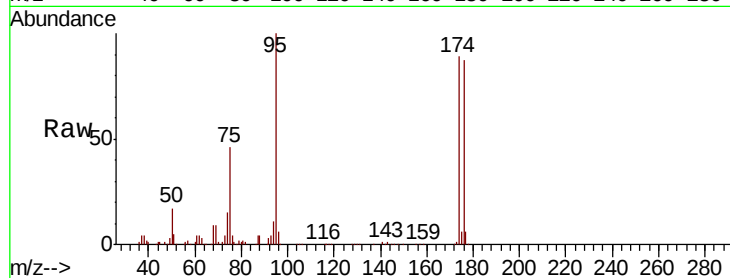
Tot Ion: 95 Resp: 246897

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.6

176 87.1 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)

12.40

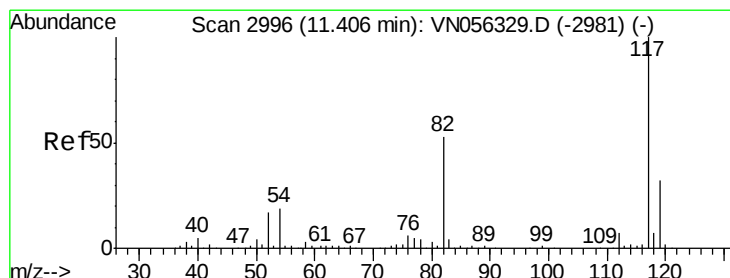
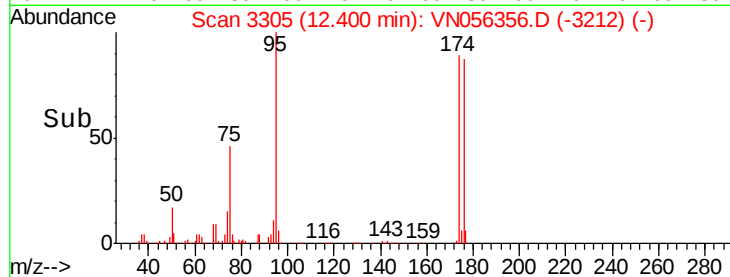
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

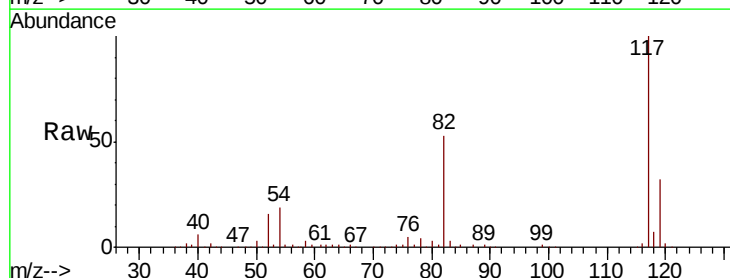
Tgt Ion: 117 Resp: 590667

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056329.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056329.D (-2981) (-)

11.41

400000

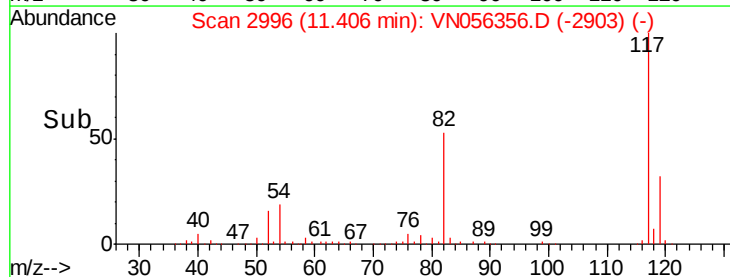
300000

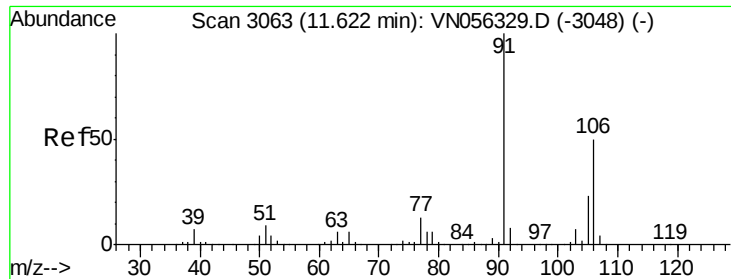
200000

100000

0

Time--> 11.30 11.40 11.50

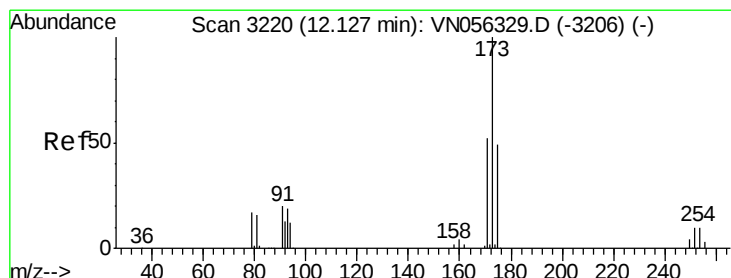
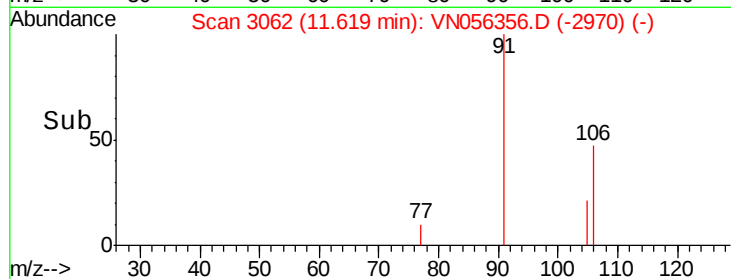
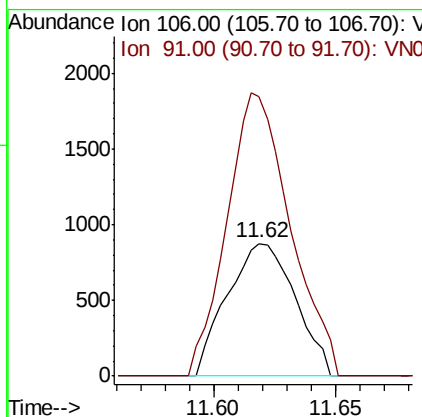
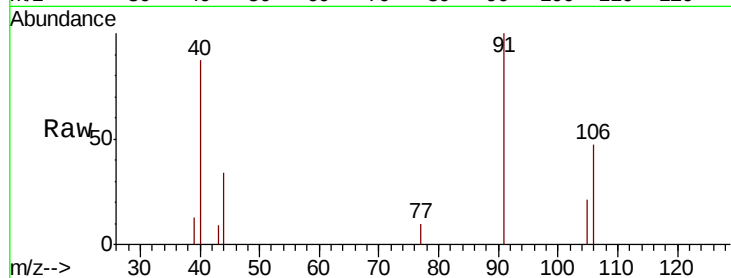




#68
m/p-Xvlenes
Concen: 0.220 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

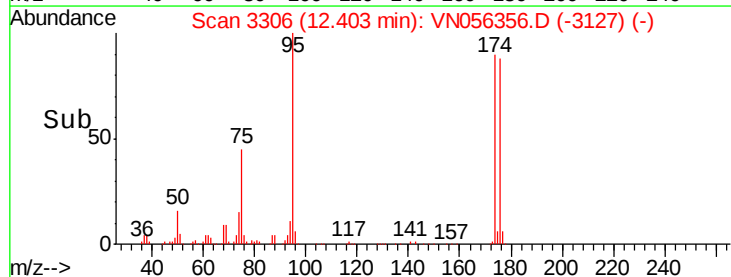
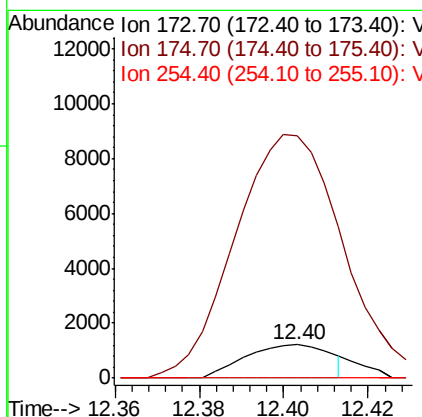
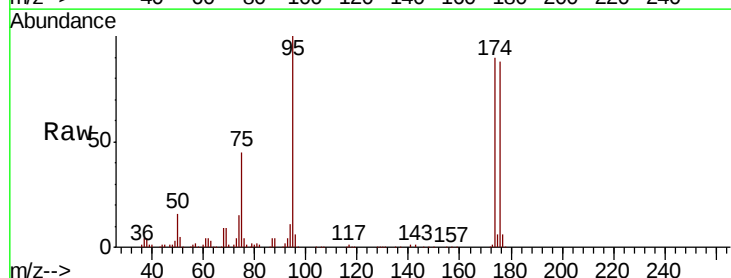
Instrument :
MSVOA_N
ClientSampleId :

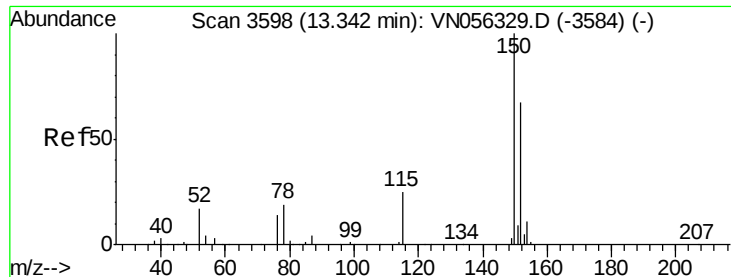
Tot Ion:106 Resp: 1692
Ion Ratio Lower Upper
106 100
91 199.1 160.7 241.1



#71
Bromoform
Concen: 0.493 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:173 Resp: 1716
Ion Ratio Lower Upper
173 100
175 799.1 24.3 73.0#
254 0.0 0.0 0.0



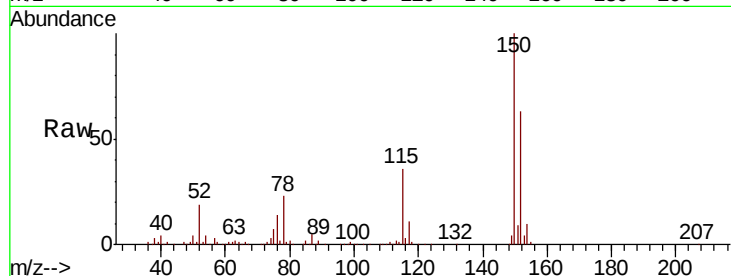


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.8	83.3
150	157.9	0.0	345.8

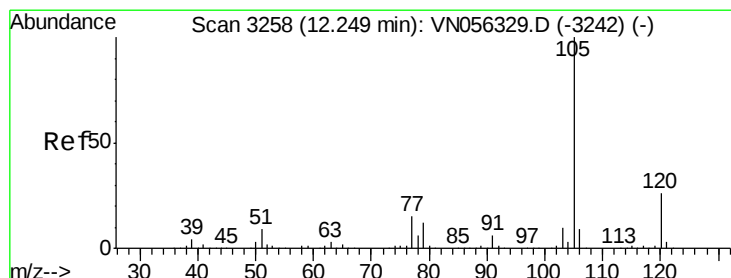
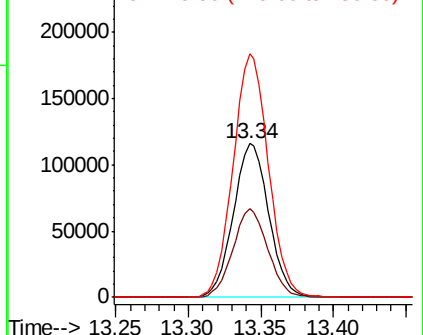
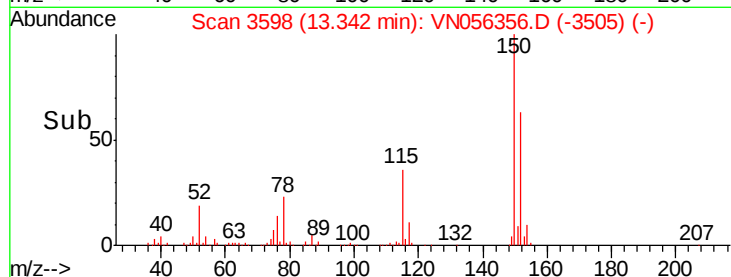


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

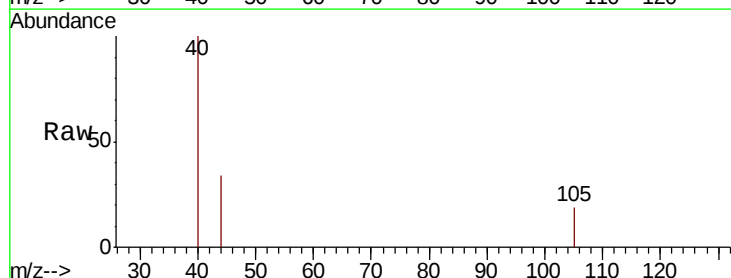
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: Below Cal
RT: 12.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

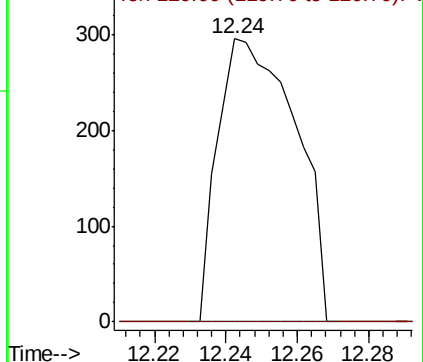
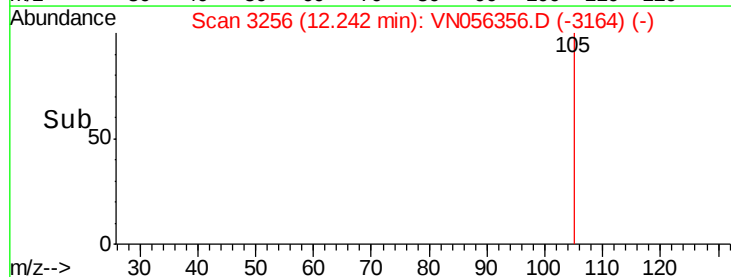
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.3	39.8#

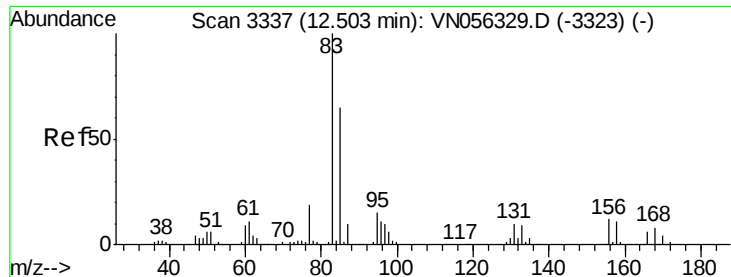


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampled :

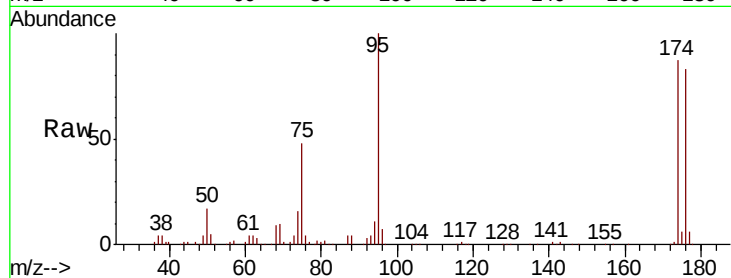
Tot Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 555.2 5.3 15.8#

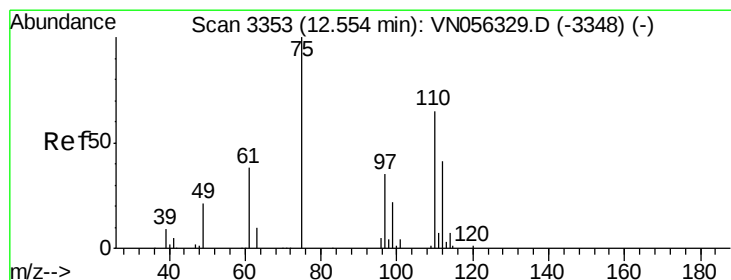
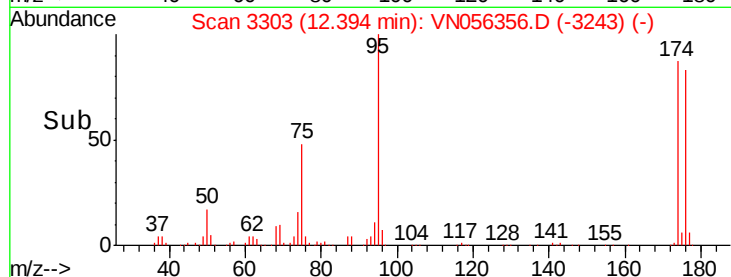
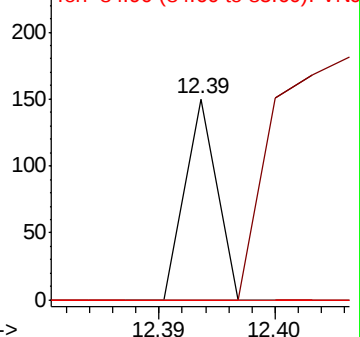
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.286 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056356.D

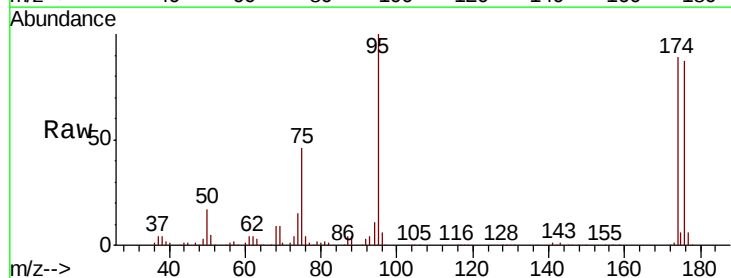
Acq: 18 Jun 2019 11:21

Tgt Ion: 75 Resp: 114486

Ion Ratio Lower Upper

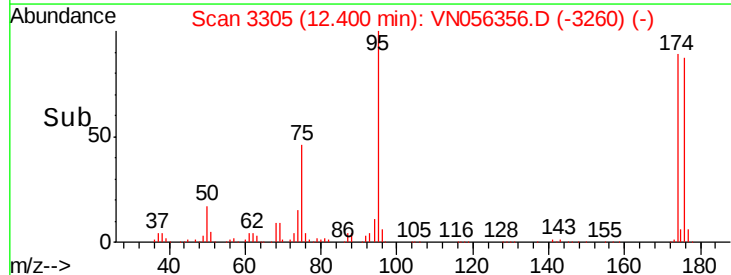
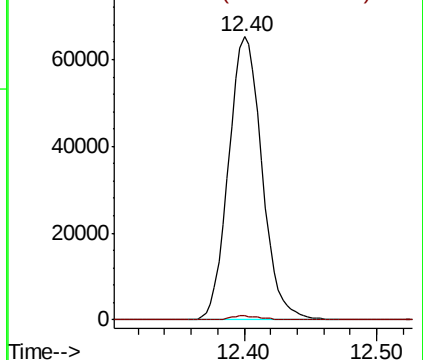
75 100

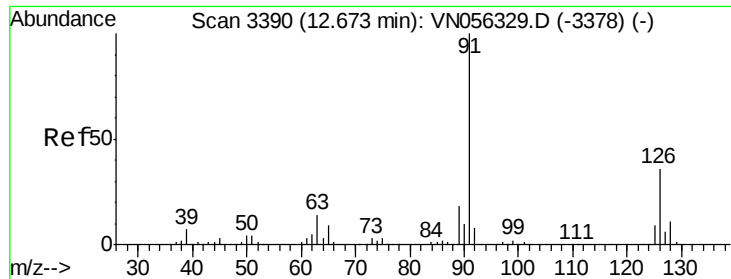
77 1.3 0.0 0.0#



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: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

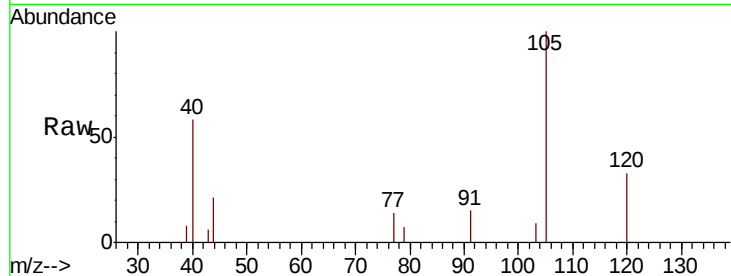
ClientSampled :

Tot Ion: 91 Resp: 520

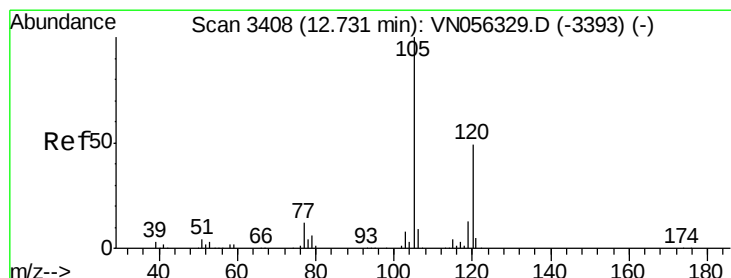
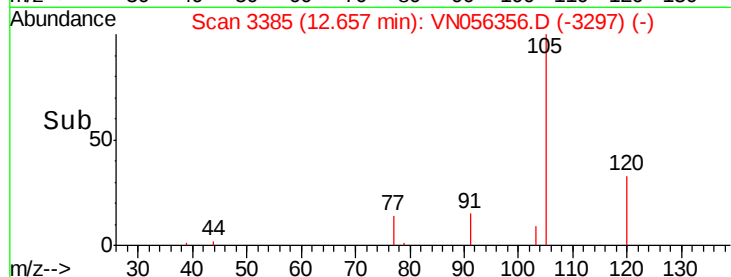
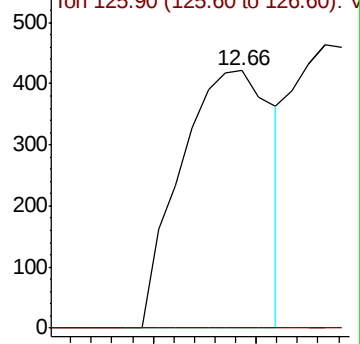
Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN056329.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.446 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056356.D

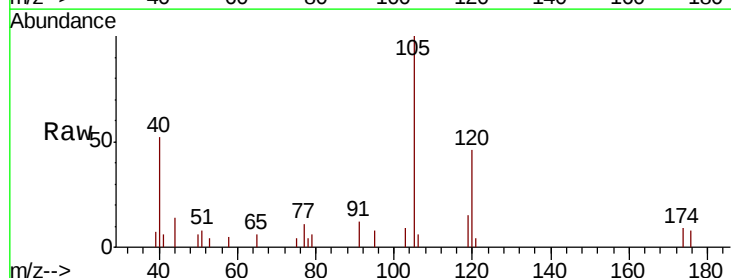
Acq: 18 Jun 2019 11:21

Tgt Ion: 105 Resp: 6109

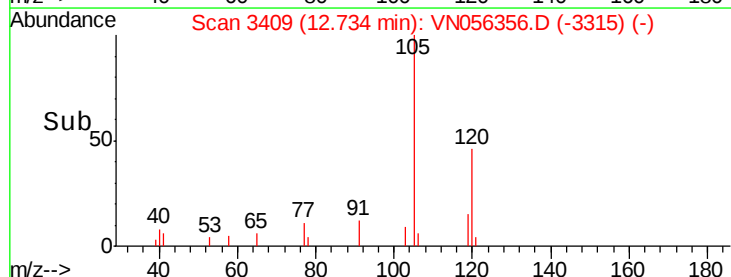
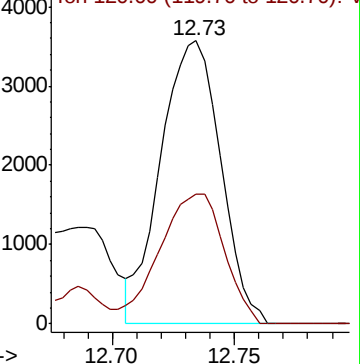
Ion Ratio Lower Upper

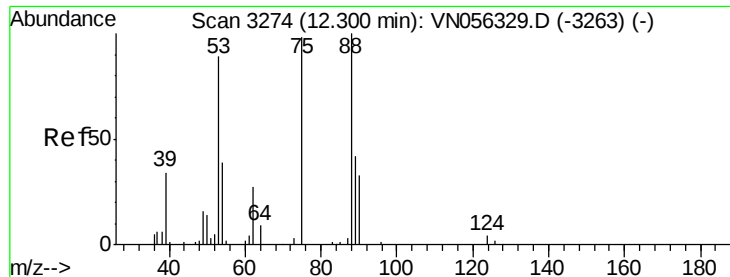
105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056329.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 84.776 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

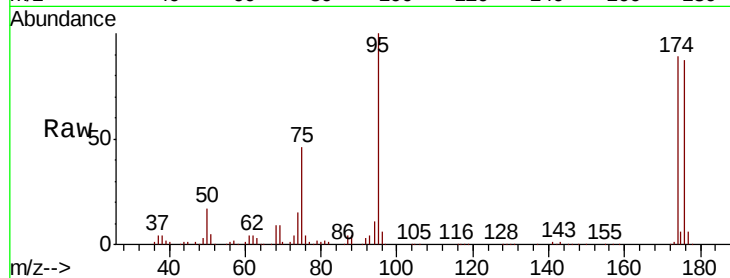
Tot Ion: 75 Resp: 114486

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

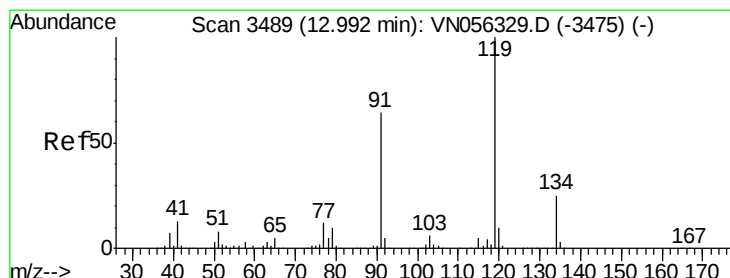
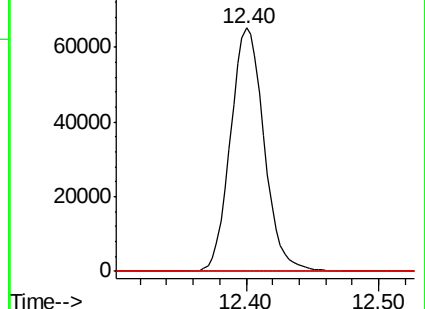
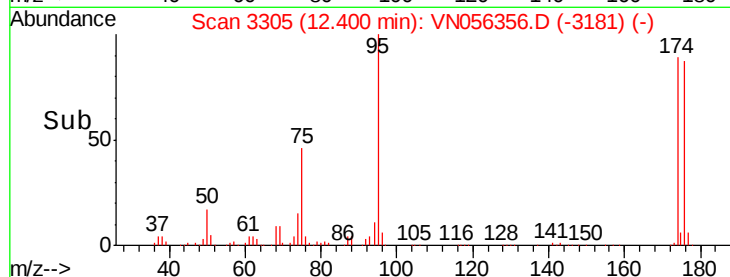
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056356.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056356.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056356.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

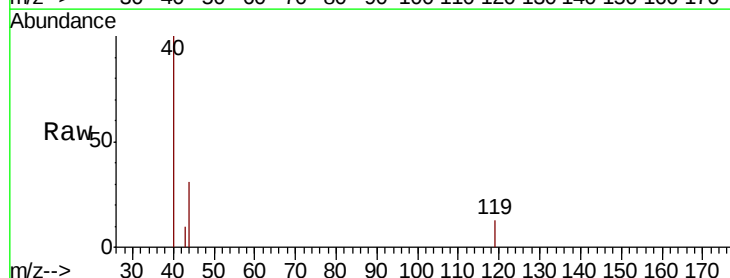
Tgt Ion: 119 Resp: 155

Ion Ratio Lower Upper

119 100

91 0.0 31.5 94.5#

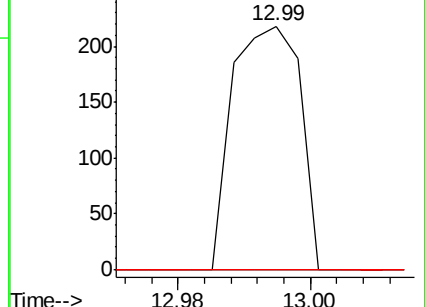
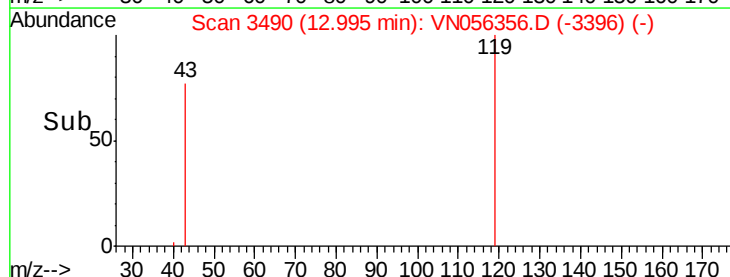
134 0.0 13.6 40.7#

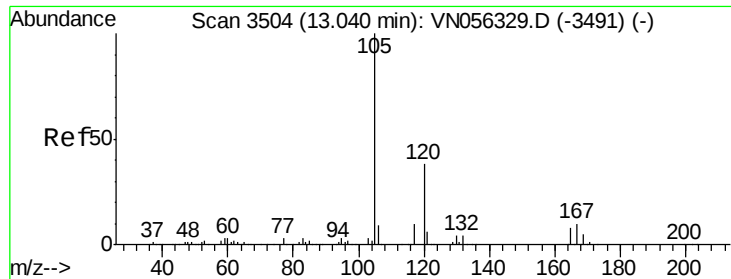


Abundance Ion 119.00 (118.70 to 119.70): VN056356.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056356.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056356.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.999 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

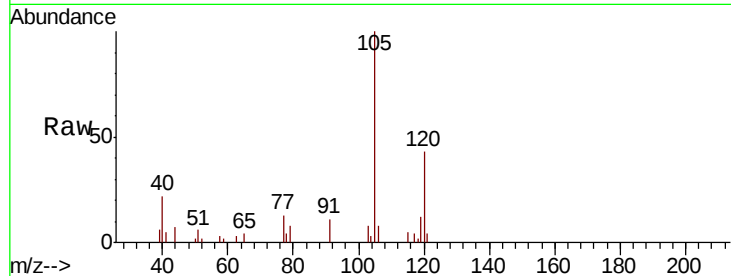
ClientSampled :

Tot Ion:105 Resp: 12748

Ion Ratio Lower Upper

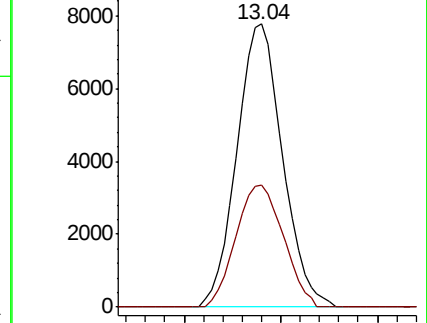
105 100

120 44.8 23.1 69.2

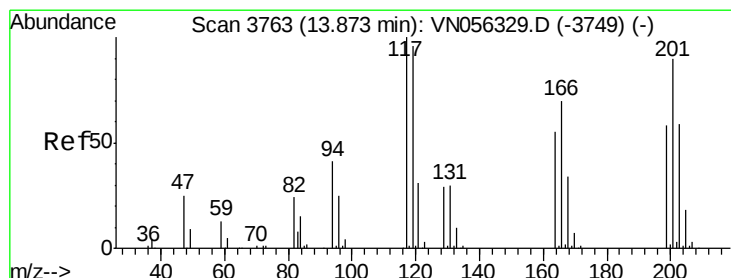
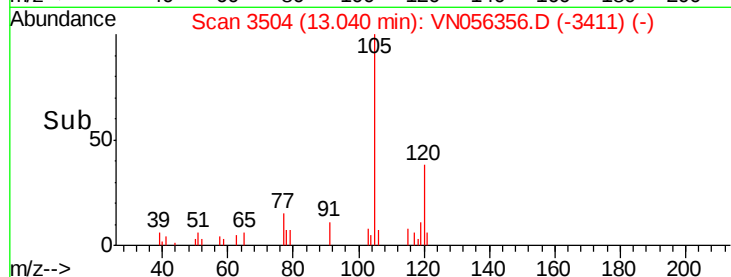


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN056356.D

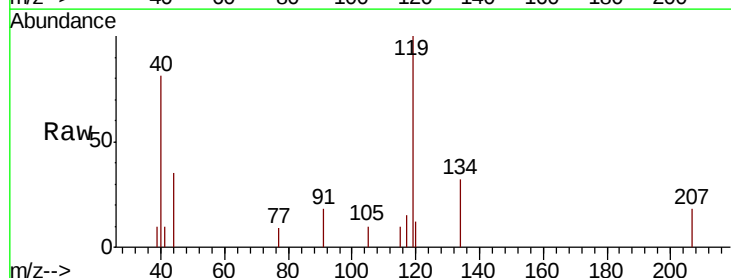
Acq: 18 Jun 2019 11:21

Tgt Ion:117 Resp: 376

Ion Ratio Lower Upper

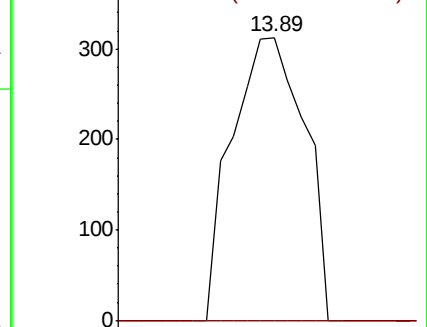
117 100

201 0.0 45.8 137.3#

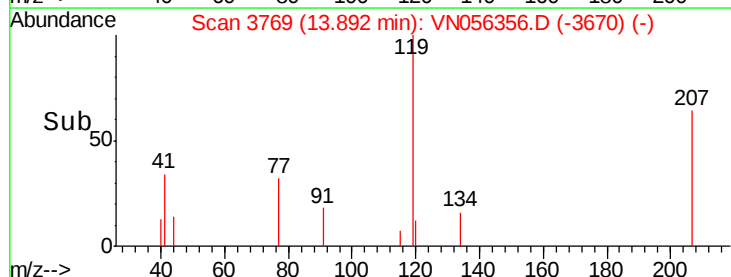


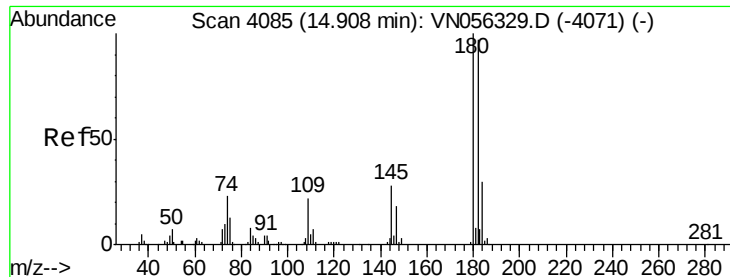
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->





#93

1,2,4-Trichlorobenzene

Concen: 5.420 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampled :

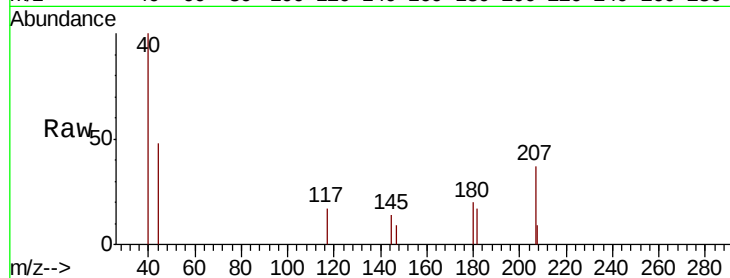
Tot Ion:180 Resp: 433

Ion Ratio Lower Upper

180 100

182 81.3 47.4 142.3

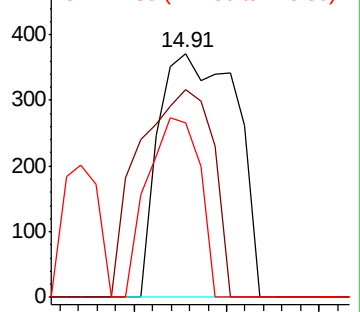
145 49.4 14.0 41.9#



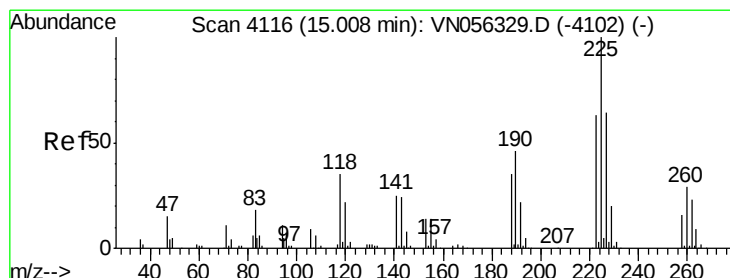
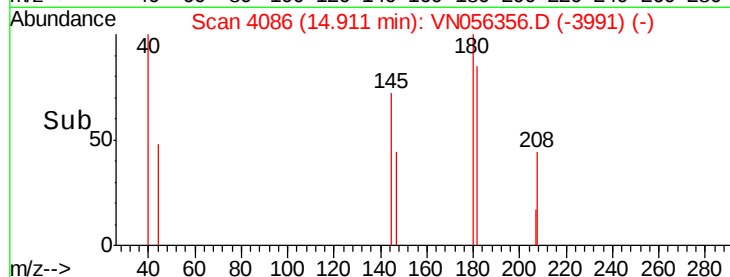
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

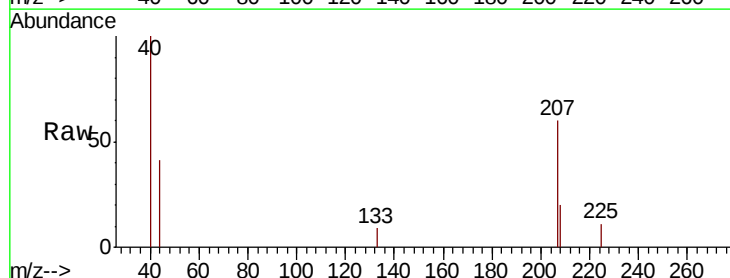
Tgt Ion:225 Resp: 73

Ion Ratio Lower Upper

225 100

223 0.0 31.2 93.6#

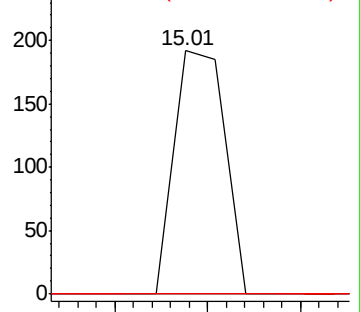
227 0.0 31.7 95.1#



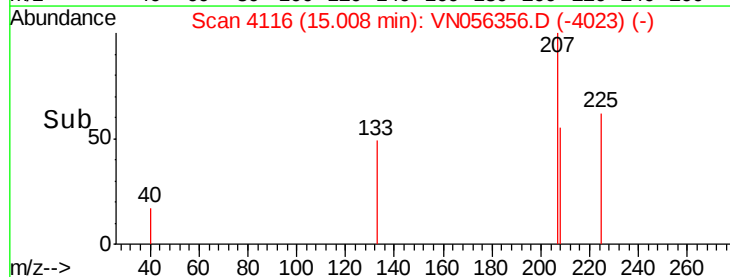
Abundance Ion 224.70 (224.40 to 225.40): V

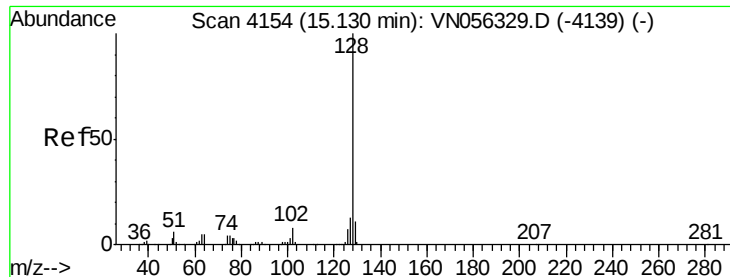
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 15.845 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

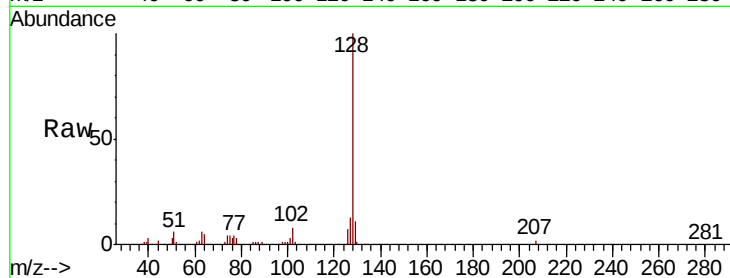
Tot Ion:128 Resp: 110813

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

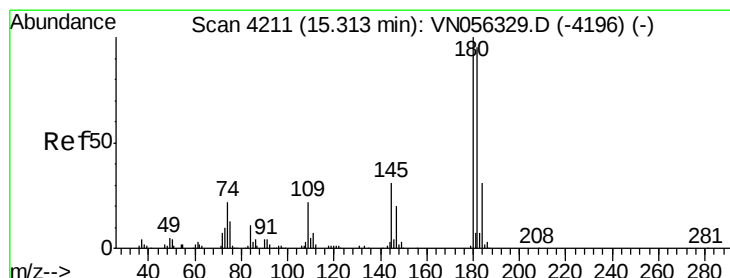
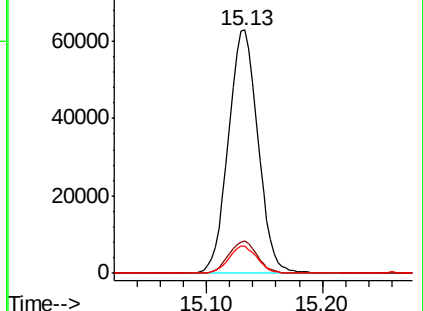
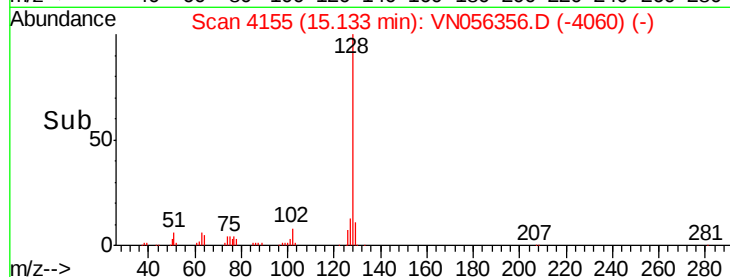
129 10.7 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 3.897 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

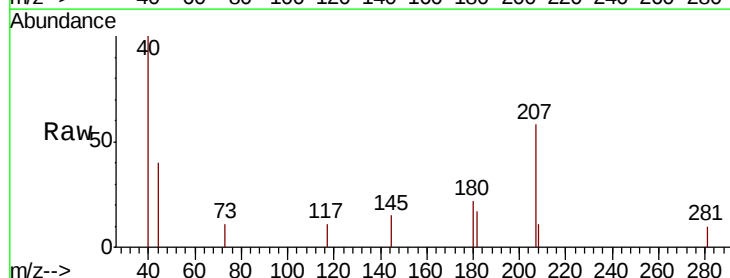
Tgt Ion:180 Resp: 363

Ion Ratio Lower Upper

180 100

182 173.8 47.1 141.4#

145 117.9 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

