

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056341.D
 Acq On : 17 Jun 2019 15:34
 Operator : JC/SP
 Sample : K3407-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:35:52 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	330340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	559330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	237189	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	191690	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	166106	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
50) Toluene-d8	10.09	98	708966	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	259990	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	31	3.361	ug/l #	14
16) Acetone	3.82	43	19785	9.640	ug/l	99
17) Carbon Disulfide	4.04	76	324469	39.556	ug/l	100
18) Methyl Acetate	4.33	43	5393	Below Cal	#	85
20) Methylene Chloride	4.55	84	4265	1.177	ug/l	94
25) 2-Butanone	6.86	43	7137	2.869	ug/l	93
29) Tetrahydrofuran	7.23	42	1098	0.743	ug/l #	51
31) Cyclohexane	7.66	56	5492	0.959	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21763	4.324	ug/l #	48
37) Ethyl Acetate	6.86	43	7137	1.496	ug/l #	68
38) Carbon Tetrachloride	7.66	117	27356	5.663	ug/l #	16
41) Methacrylonitrile	7.23	41	691	0.315	ug/l #	31
43) Isopropyl Acetate	8.17	43	7895	1.035	ug/l	98
45) 1,2-Dichloropropane	9.27	63	887	0.220	ug/l #	44
48) Methyl methacrylate	9.18	41	10640	2.764	ug/l #	27
49) 1,4-Dioxane	9.25	88	69	0.889	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	61057	12.555	ug/l	98
52) Toluene	10.16	92	398066	42.714	ug/l	99
53) t-1,3-Dichloropropene	10.15	75	4160	0.818	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	13328	2.272	ug/l #	71
56) Ethyl methacrylate	10.44	69	1163	0.211	ug/l #	26
57) 1,3-Dichloropropane	10.76	76	2849	0.442	ug/l #	42
59) 2-Hexanone	10.76	43	37665	10.443	ug/l #	56
68) m/p-Xylenes	11.62	106	3639	0.484	ug/l	92
69) o-Xylene	11.95	106	2800	0.377	ug/l	95
71) Bromoform	12.40	173	1526	0.448	ug/l #	1
73) Isopropylbenzene	12.25	105	888	Below Cal		92
74) N-amyl acetate	12.07	43	5738	0.770	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.54	83	301	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	120840	23.845	ug/l #	100
79) 2-Chlorotoluene	12.67	91	590	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	120840	74.086	ug/l #	13
83) tert-Butylbenzene	12.99	119	193	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	13.04	105	8454	0.549	ug/l	88

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

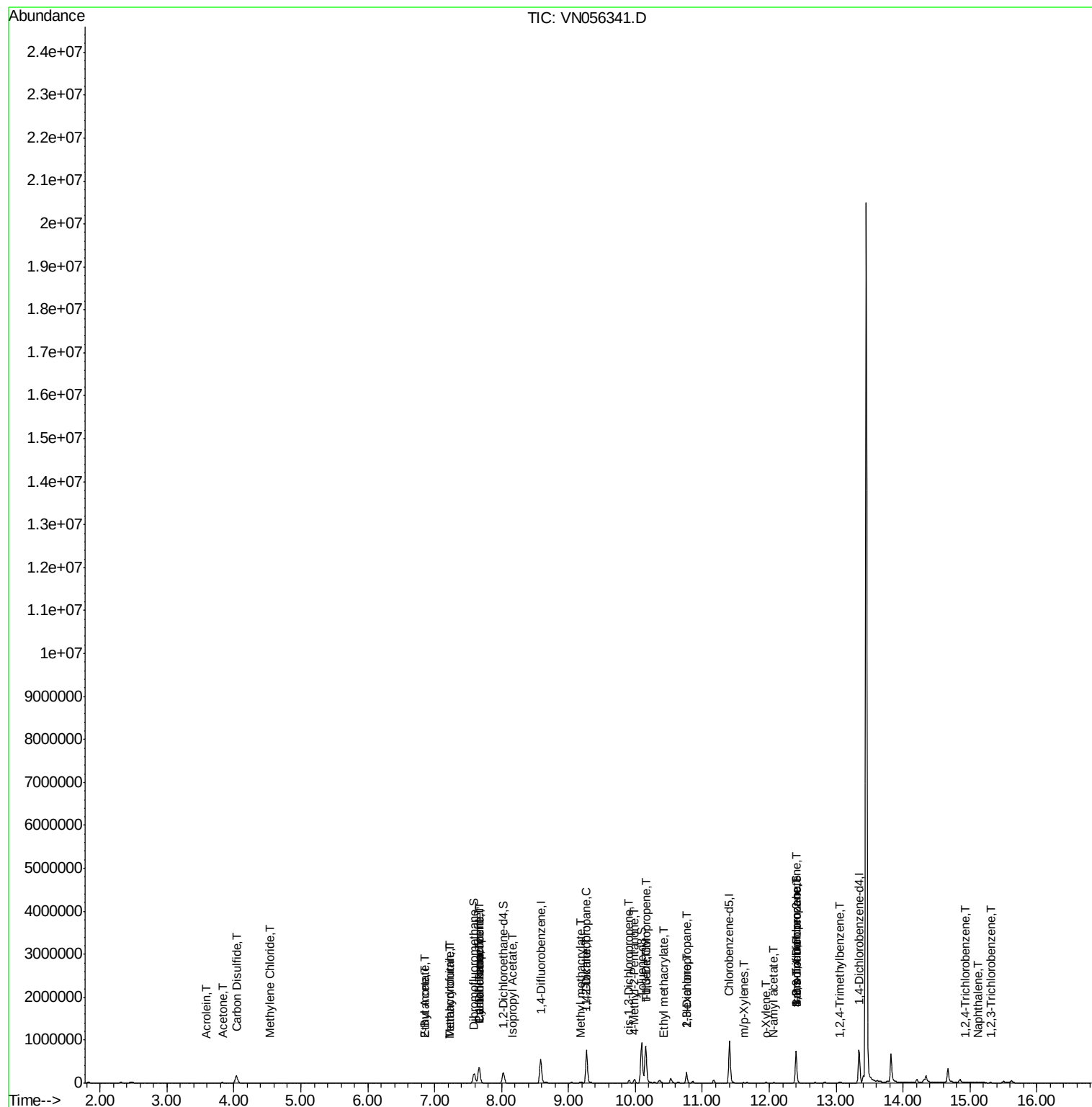
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.00	117	521	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	771	5.474	ug/l	85
94) Hexachlorobutadiene	15.00	225	99	Below Cal	#	32
95) Naphthalene	15.13	128	3998	4.995	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.31	180	958	4.009	ug/l	94

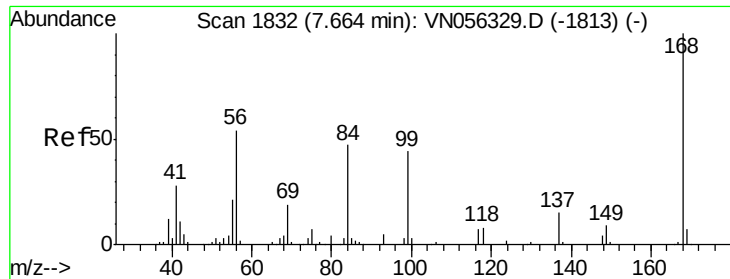
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061719\
Data File : VN056341.D
Acq On : 17 Jun 2019 15:34
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

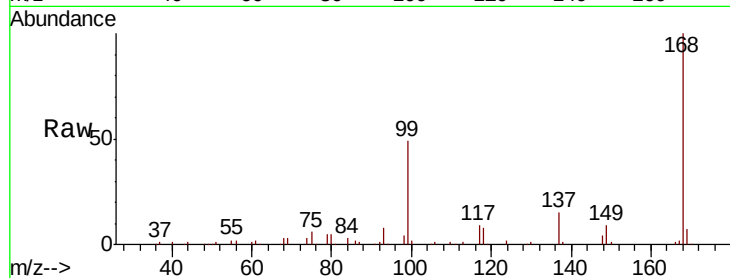
ClientSampled :

Tot Ion:168 Resp: 330340

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

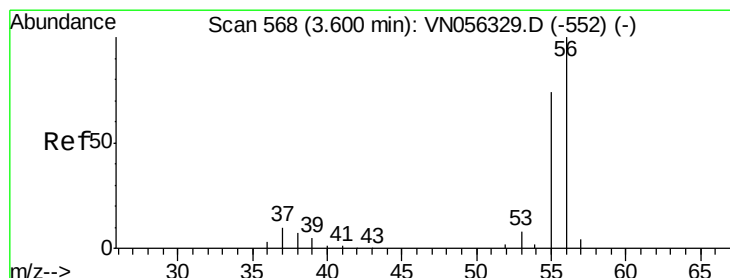
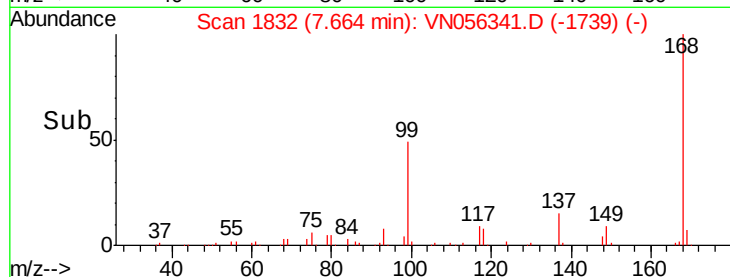
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 3.361 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN056341.D

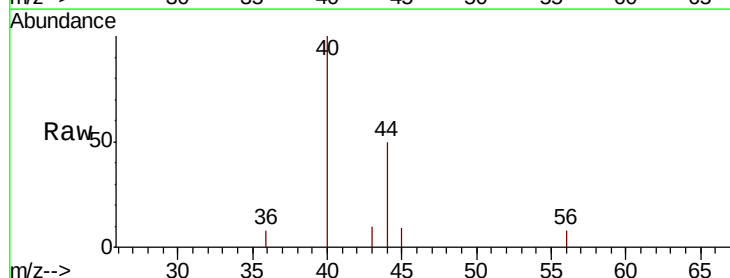
Acq: 17 Jun 2019 15:34

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.59

150

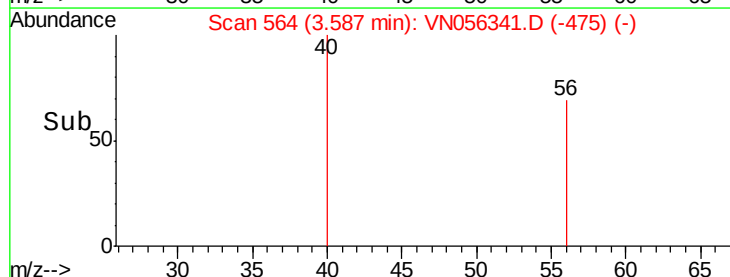
100

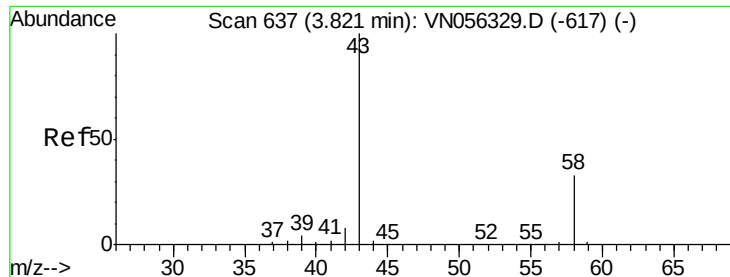
50

0

3.58 3.58 3.59 3.59 3.60

Time-->





#16

Acetone

Concen: 9.640 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

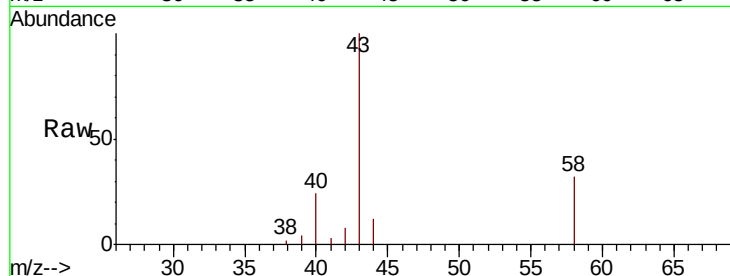
ClientSampleId :

Tot Ion: 43 Resp: 19785

Ion Ratio Lower Upper

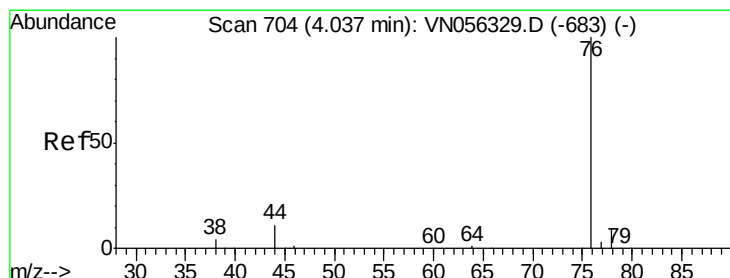
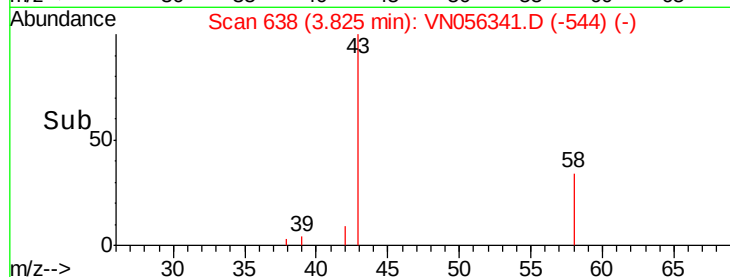
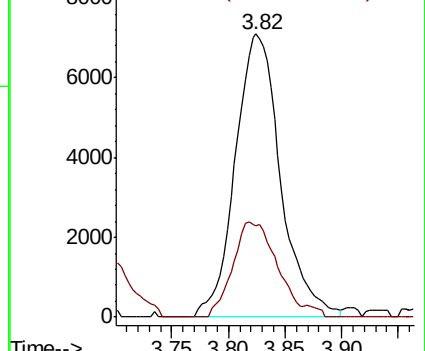
43 100

58 32.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 39.556 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056341.D

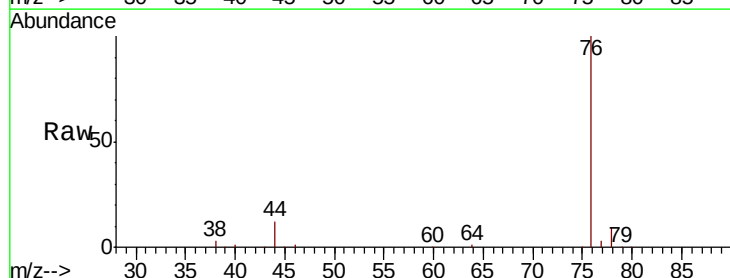
Acq: 17 Jun 2019 15:34

Tgt Ion: 76 Resp: 324469

Ion Ratio Lower Upper

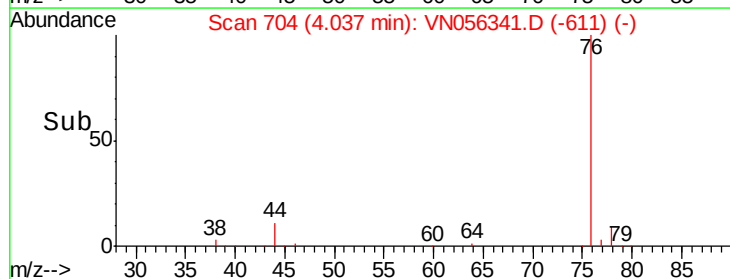
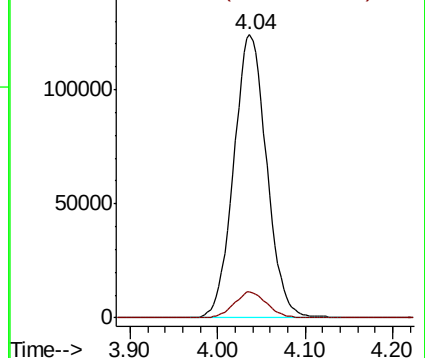
76 100

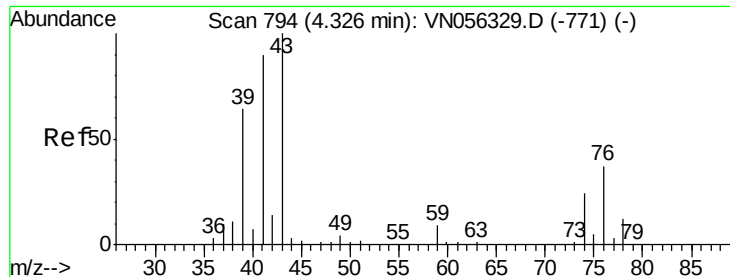
78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

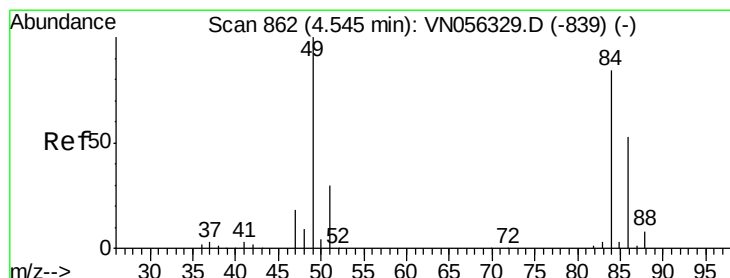
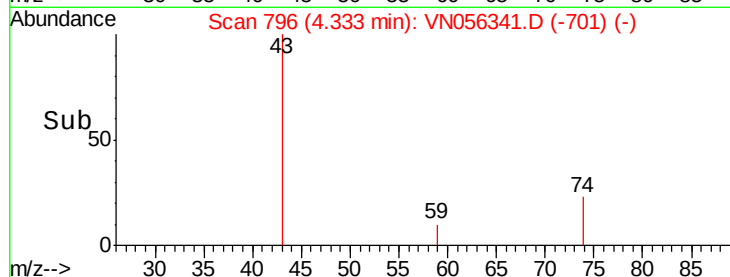
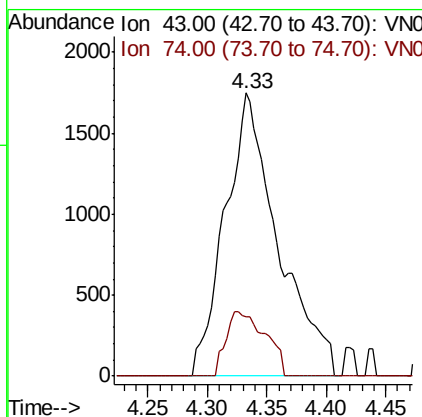
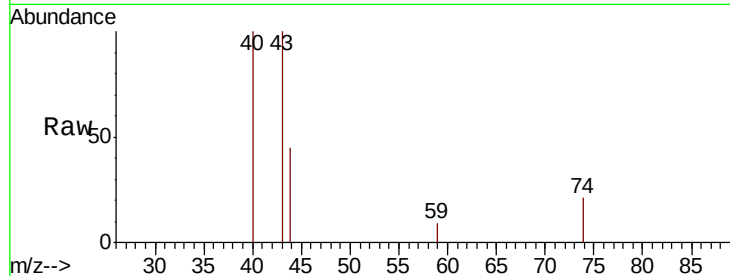




#18
Methvl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

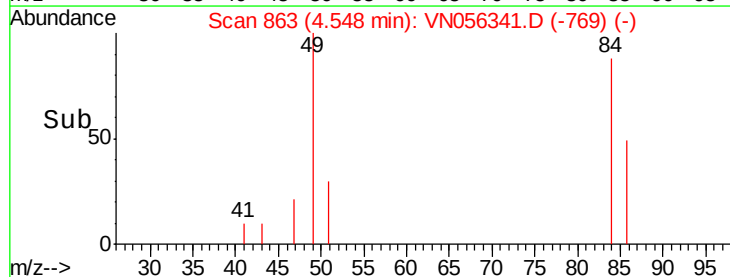
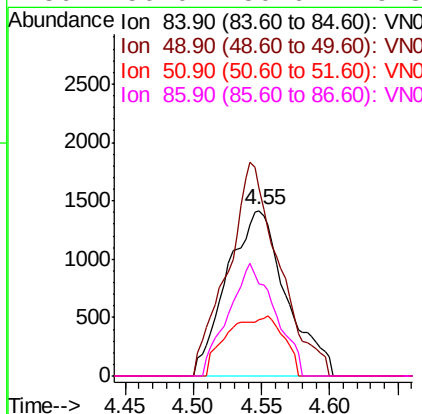
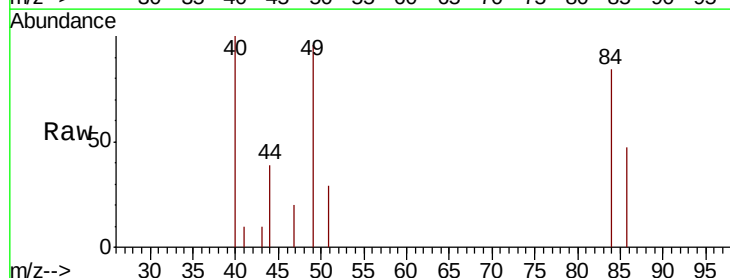
Instrument :
MSVOA_N
ClientSampleId :

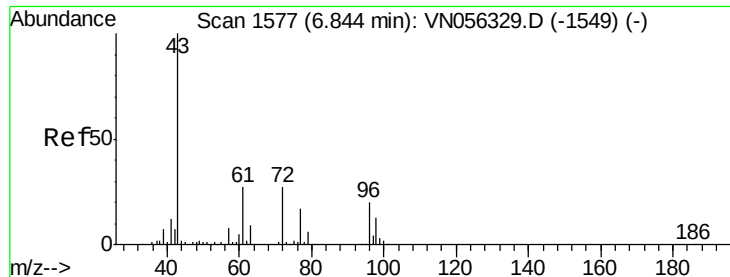
Tot Ion: 43 Resp: 5393
Ion Ratio Lower Upper
43 100
74 17.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.177 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
49 113.7 95.0 142.6
51 34.1 28.2 42.4
86 56.0 50.6 75.8

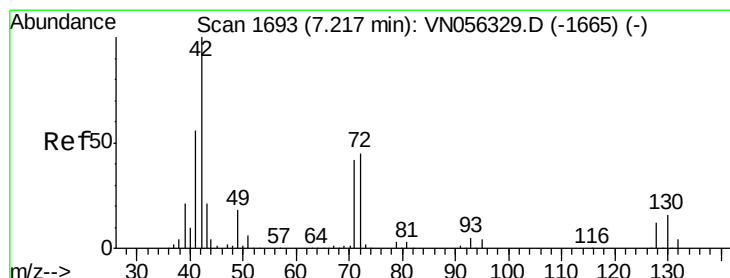
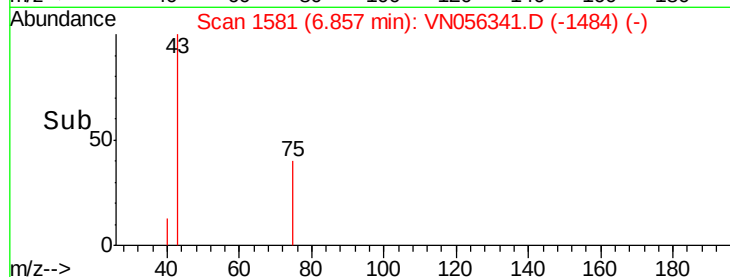
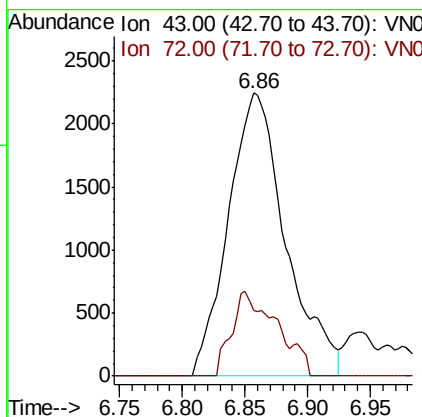
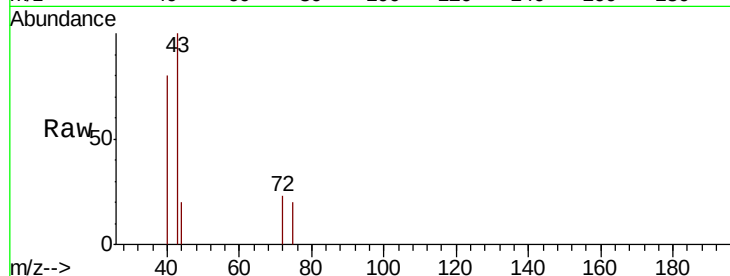




#25
 2-Butanone
 Concen: 2.869 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

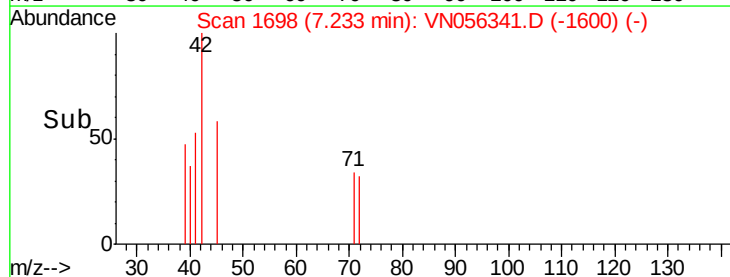
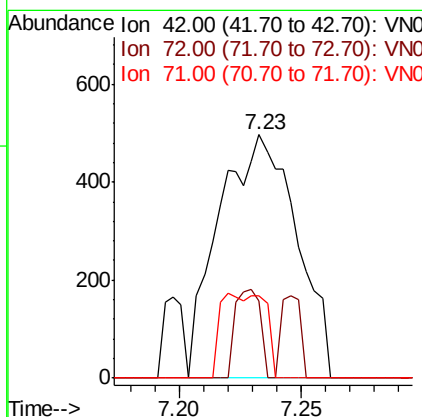
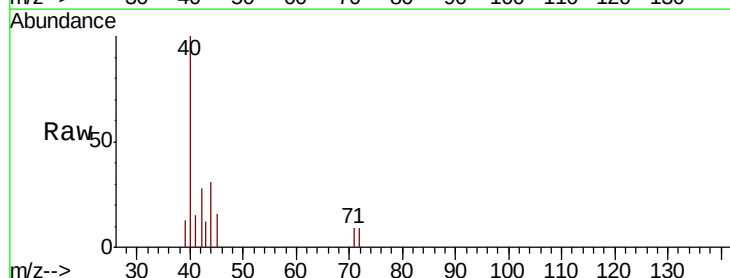
Instrument :
 MSVOA_N
 ClientSampled :

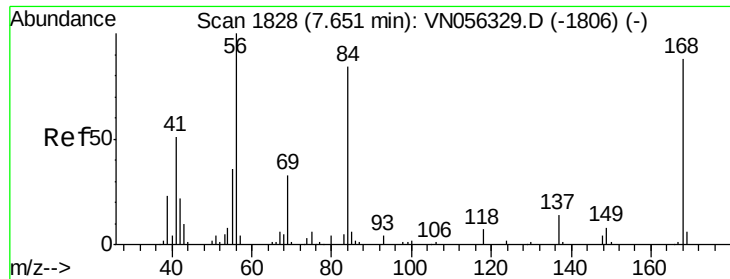
Tot Ion: 43 Resp: 7137
 Ion Ratio Lower Upper
 43 100
 72 23.2 21.4 32.2



#29
 Tetrahydrofuran
 Concen: 0.743 ug/l
 RT: 7.23 min Scan# 1698
 Delta R.T. 0.02 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion: 42 Resp: 1098
 Ion Ratio Lower Upper
 42 100
 72 11.8 35.3 52.9#
 71 11.4 32.7 49.1#

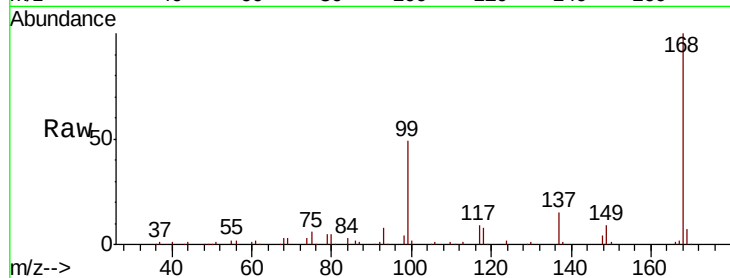




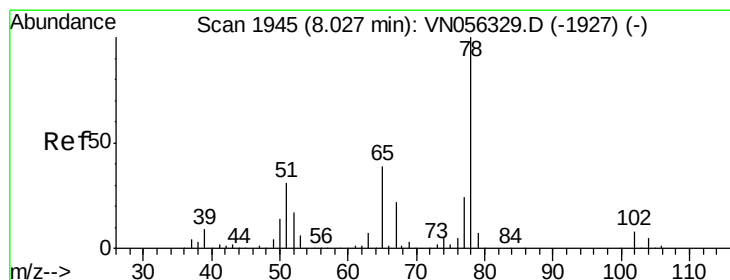
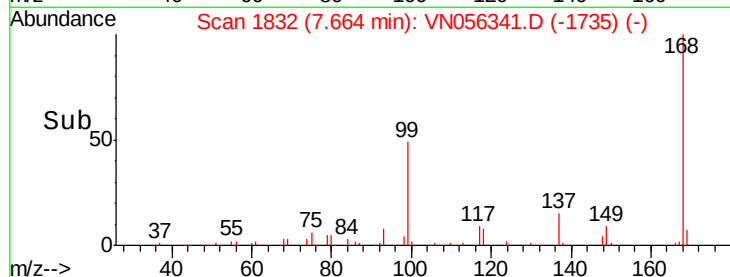
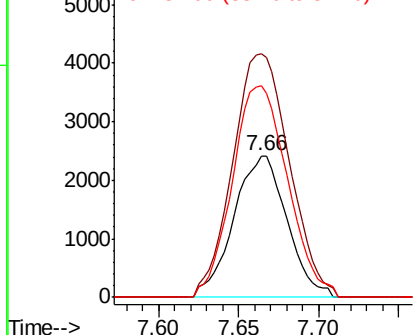
#31
Cyclohexane
Concen: 0.959 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5492
Ion Ratio Lower Upper
56 100
69 172.2 26.0 39.0#
84 149.8 67.4 101.0#

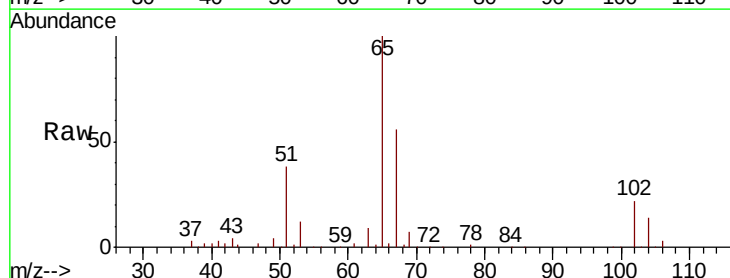


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

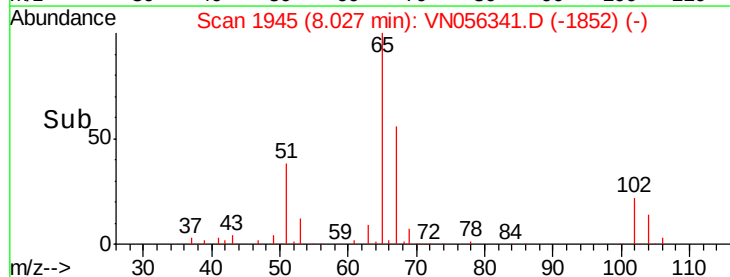
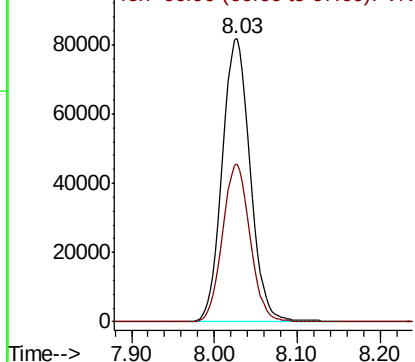


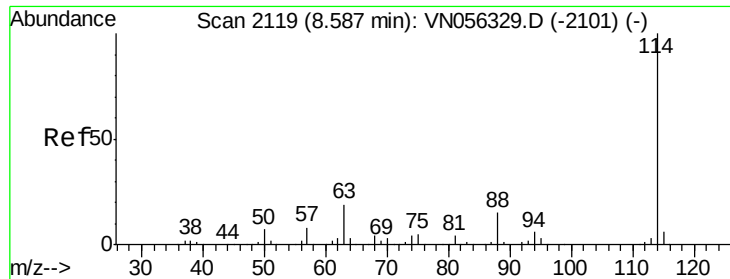
#33
1,2-Dichloroethane-d4
Concen: 51.608 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion: 65 Resp: 191690
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: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

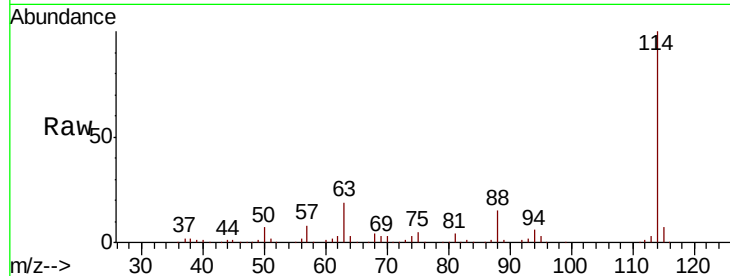
Tot Ion:114 Resp: 559330

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

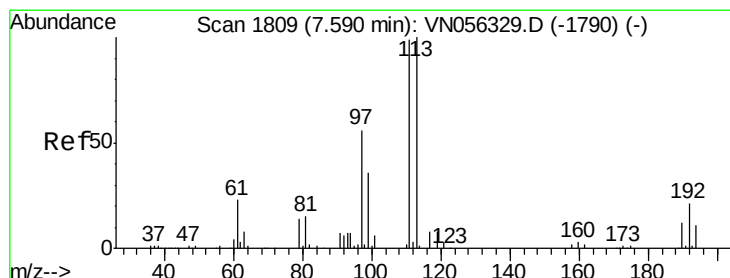
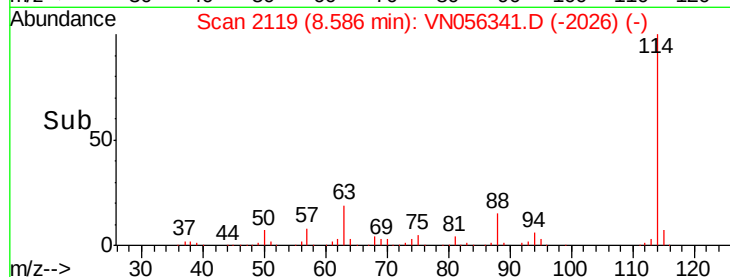
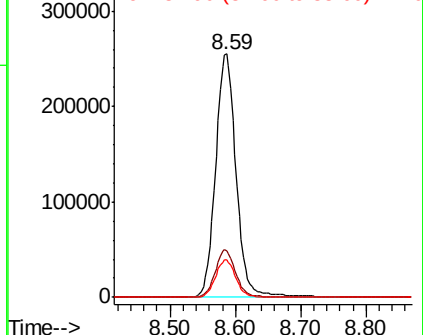
88 15.3 0.0 30.6



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: 46.309 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

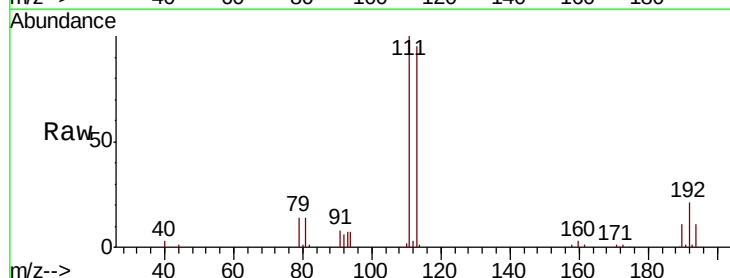
Tgt Ion:113 Resp: 166106

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

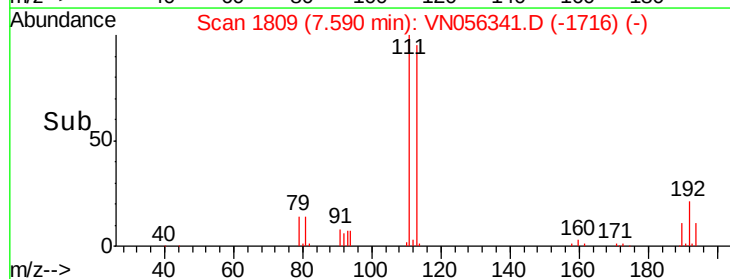
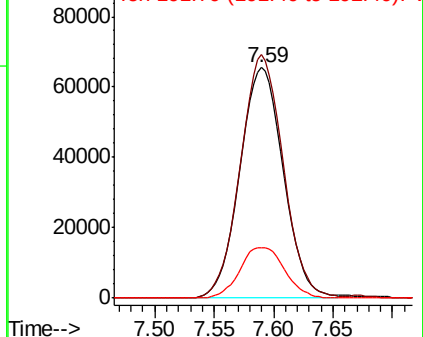
192 22.7 17.6 26.4

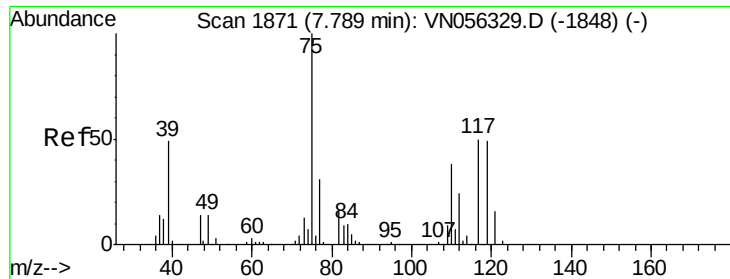


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

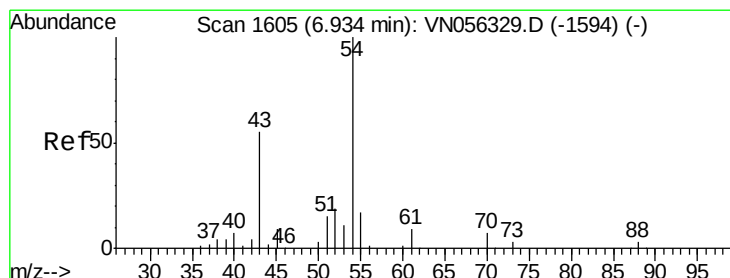
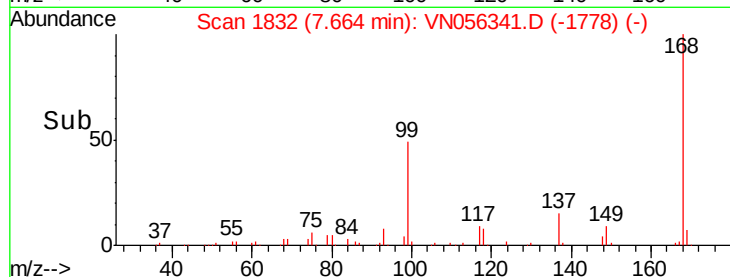
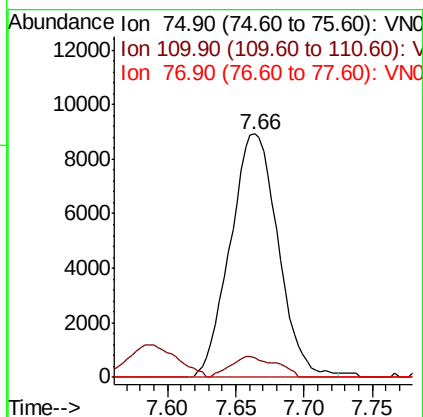
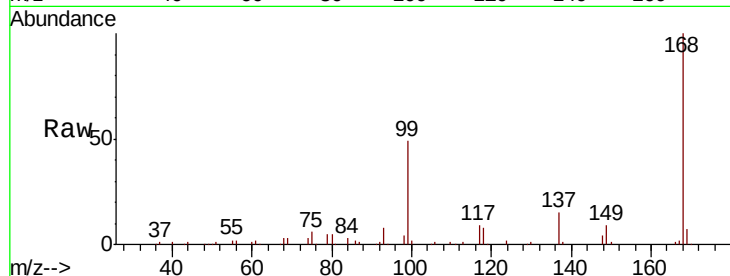




#36
 1,1-Dichloropropene
 Concen: 4.324 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

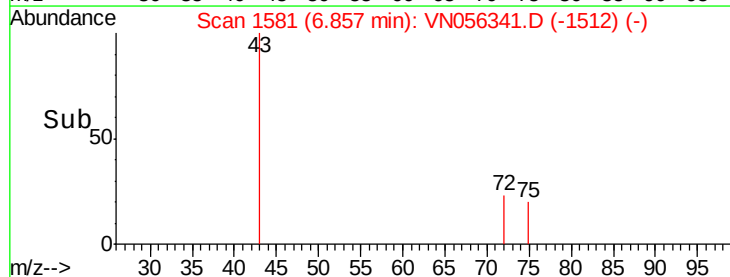
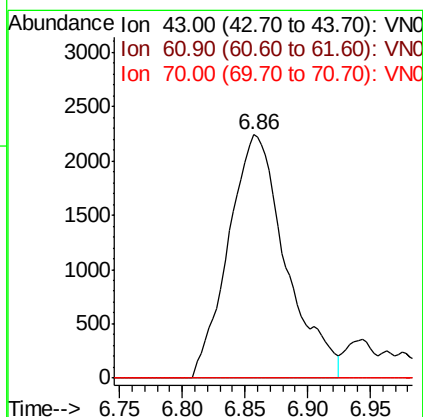
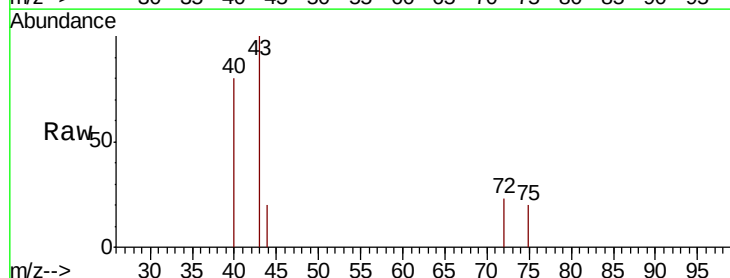
Instrument :
 MSVOA_N
 ClientSampled :

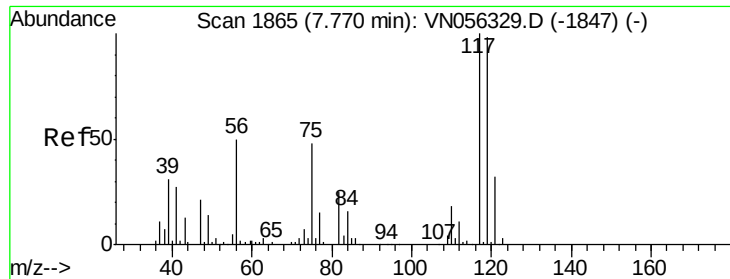
Tot Ion	75	Resp	21763
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	18.6	56.0#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 1.496 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. -0.08 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion	43	Resp	7137
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.3	12.5#

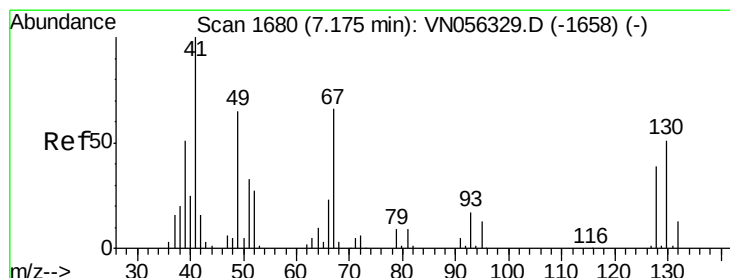
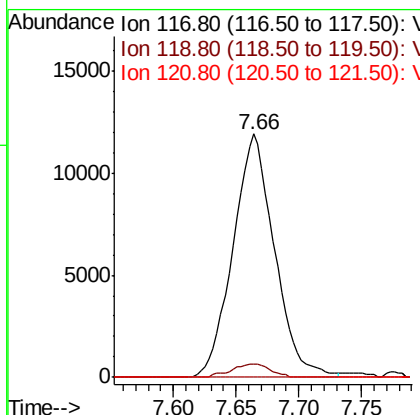
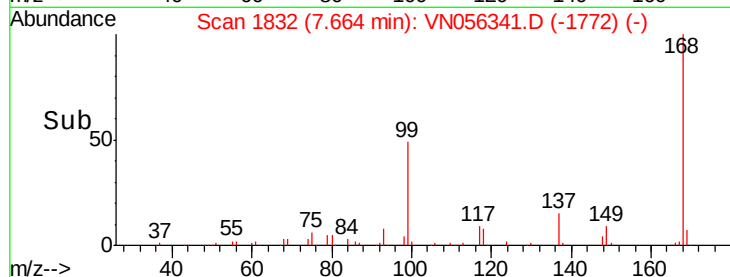
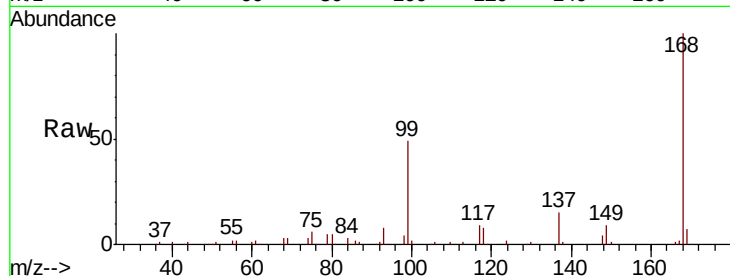




#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

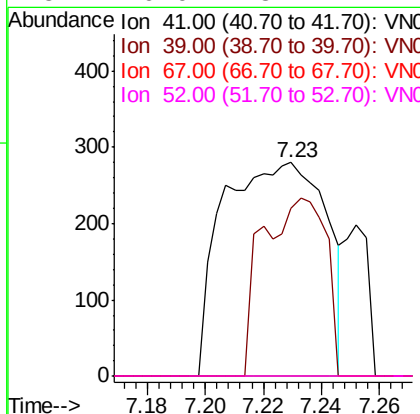
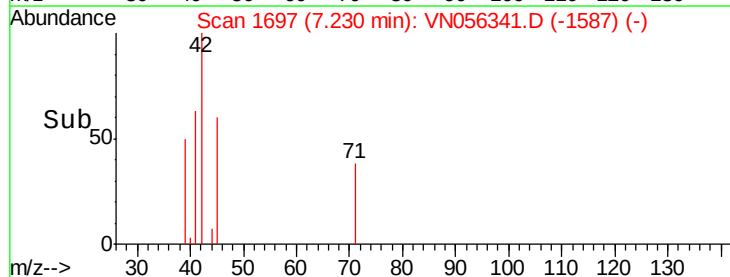
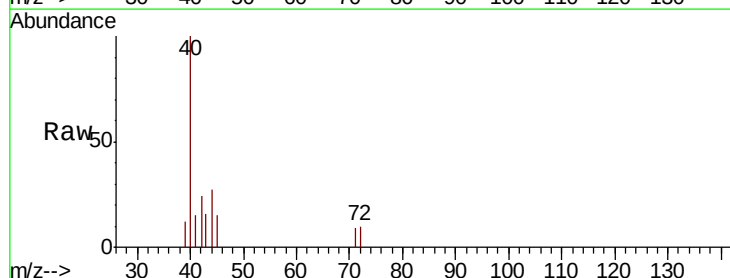
Instrument :
MSVOA_N
ClientSampleId :

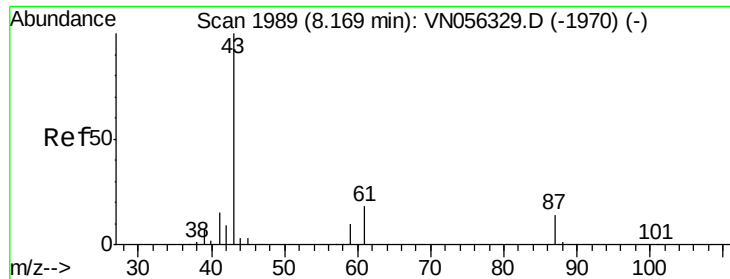
Tot Ion:117 Resp: 27356
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.8#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 0.315 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion: 41 Resp: 691
Ion Ratio Lower Upper
41 100
39 29.8 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#





#43

Isopropyl Acetate

Concen: 1.035 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

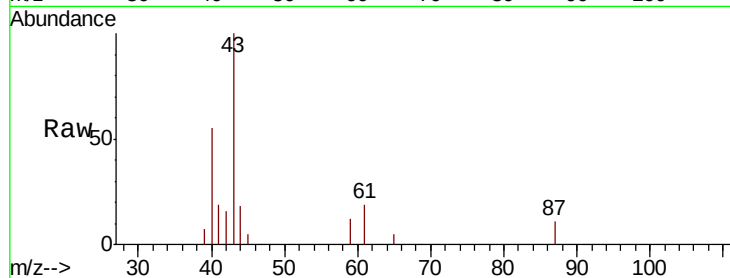
Tot Ion: 43 Resp: 7895

Ion Ratio Lower Upper

43 100

61 21.6 16.6 25.0

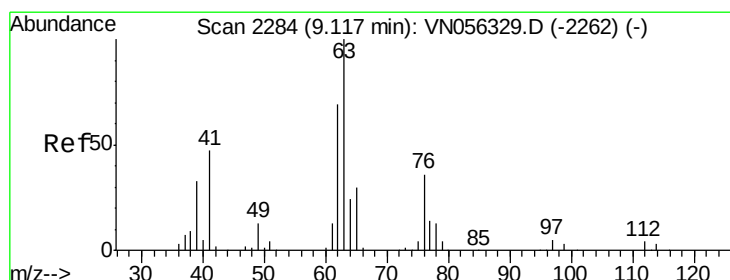
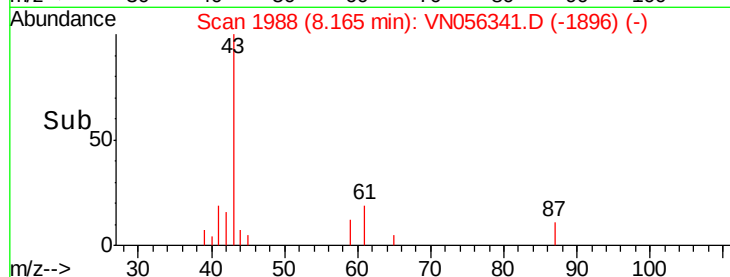
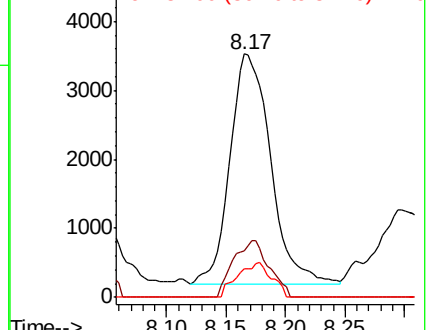
87 12.7 11.0 16.4



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: 0.220 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056341.D

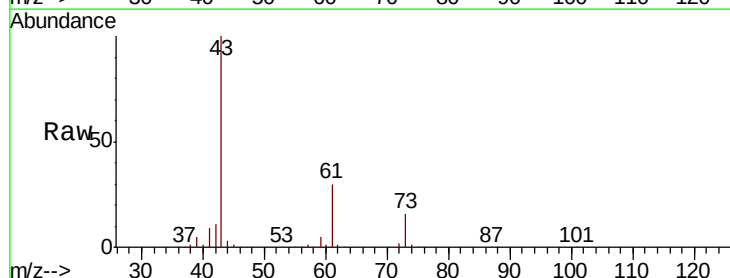
Acq: 17 Jun 2019 15:34

Tgt Ion: 63 Resp: 887

Ion Ratio Lower Upper

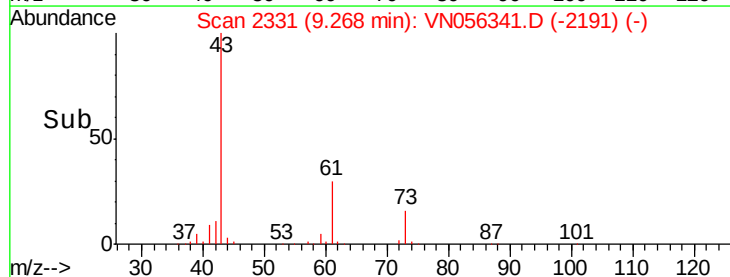
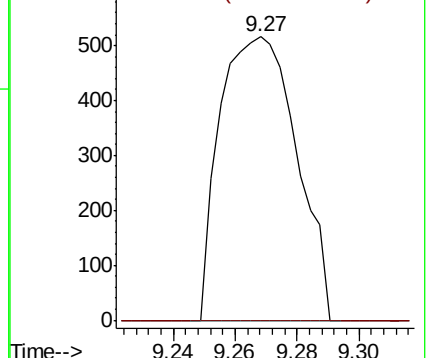
63 100

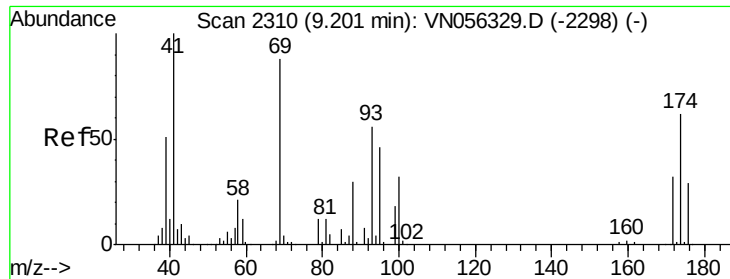
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

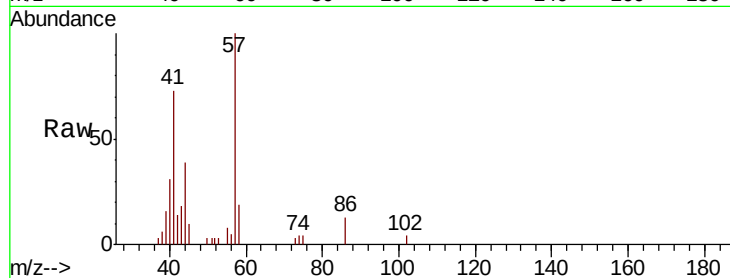




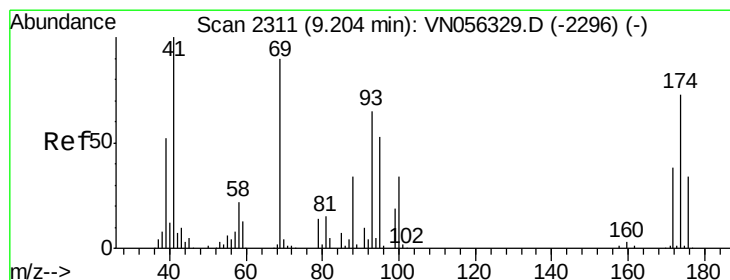
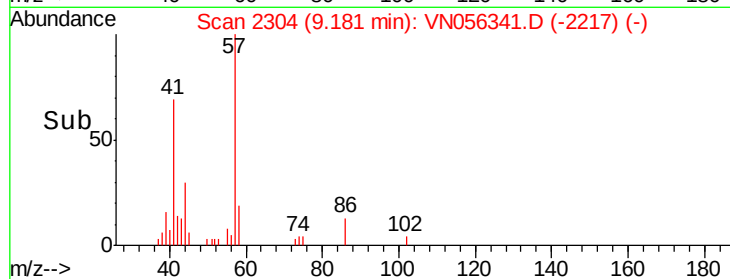
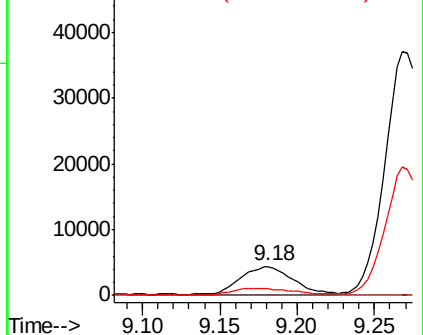
#48
Methyl methacrylate
Concen: 2.764 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 10640
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 26.8 41.7 62.5#

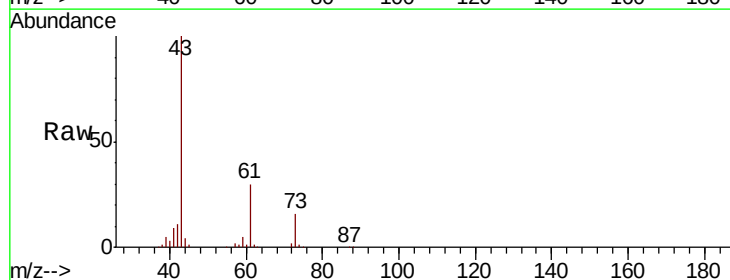


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

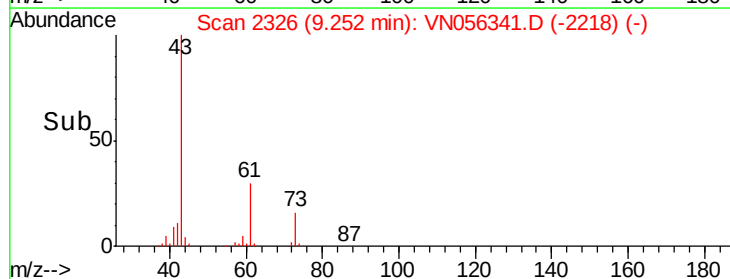
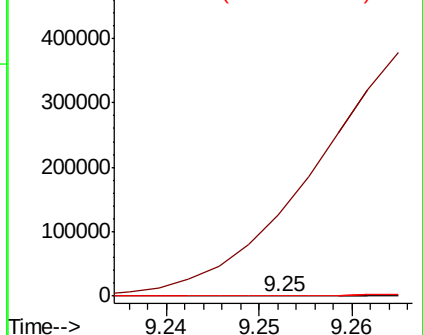


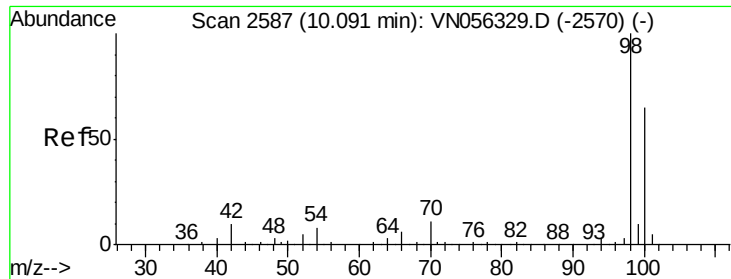
#49
1,4-Dioxane
Concen: 0.889 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.05 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.739 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

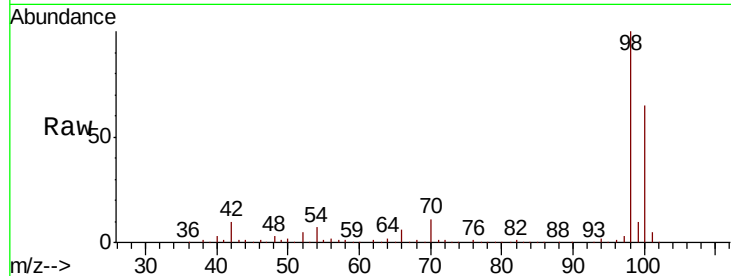
ClientSampled :

Tot Ion: 98 Resp: 708966

Ion Ratio Lower Upper

98 100

100 64.0 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

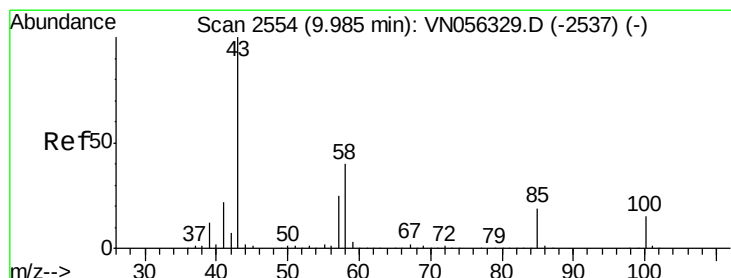
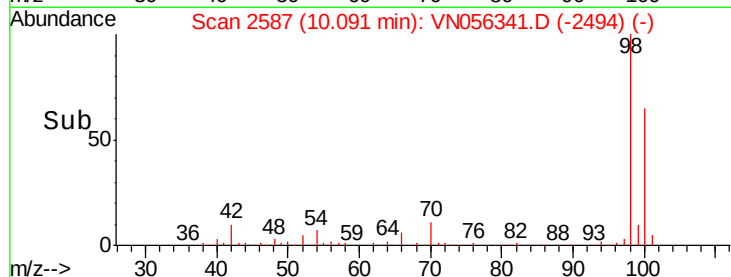
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 12.555 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056341.D

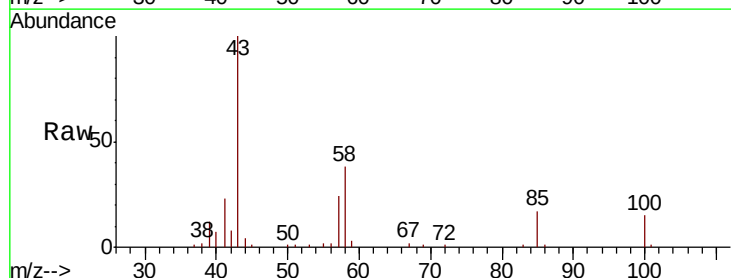
Acq: 17 Jun 2019 15:34

Tgt Ion: 43 Resp: 61057

Ion Ratio Lower Upper

43 100

58 38.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

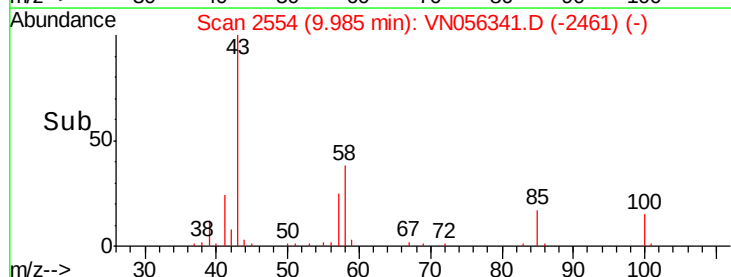
30000

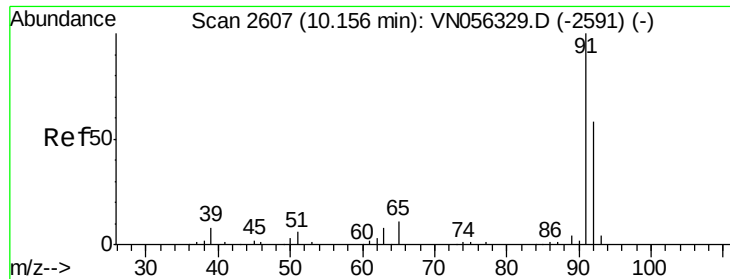
20000

10000

0

Time-->





#52

Toluene

Concen: 42.714 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

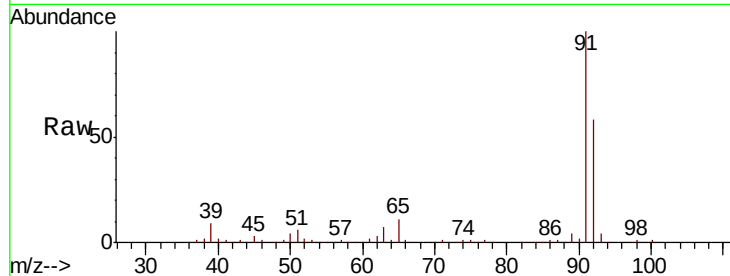
ClientSampleId :

Tot Ion: 92 Resp: 398066

Ion Ratio Lower Upper

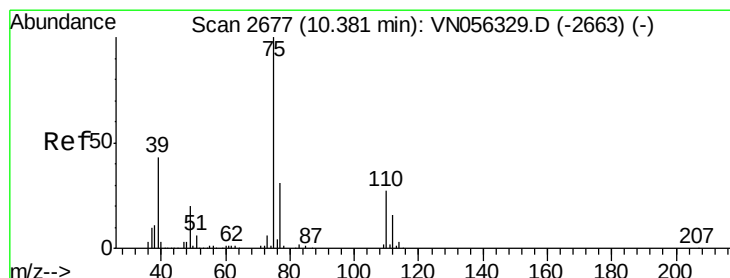
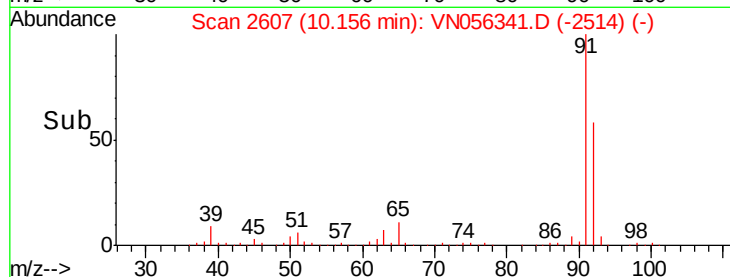
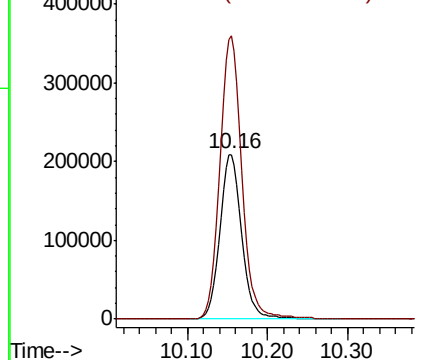
92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.818 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN056341.D

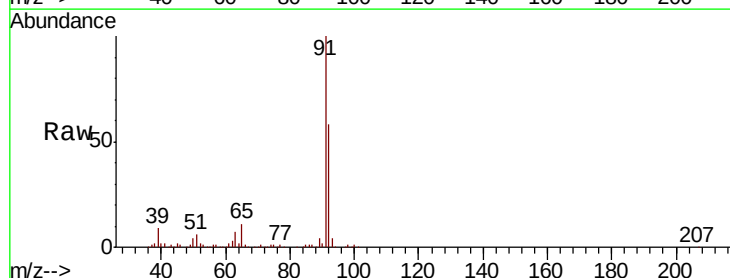
Acq: 17 Jun 2019 15:34

Tgt Ion: 75 Resp: 4160

Ion Ratio Lower Upper

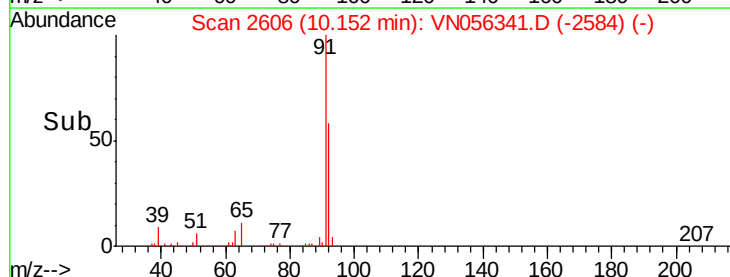
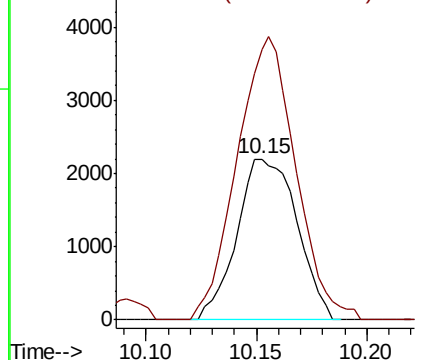
75 100

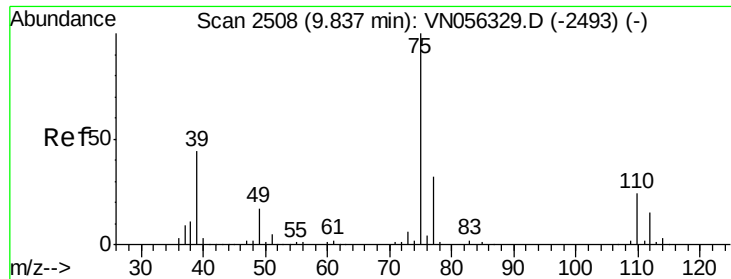
77 167.9 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

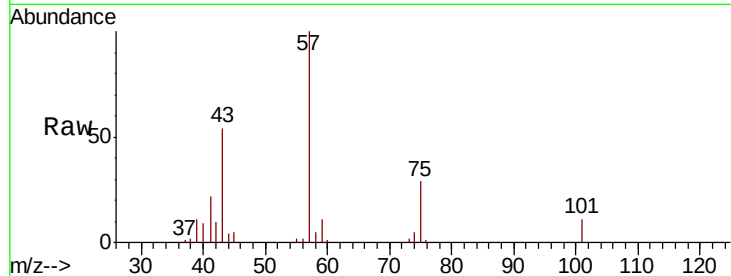




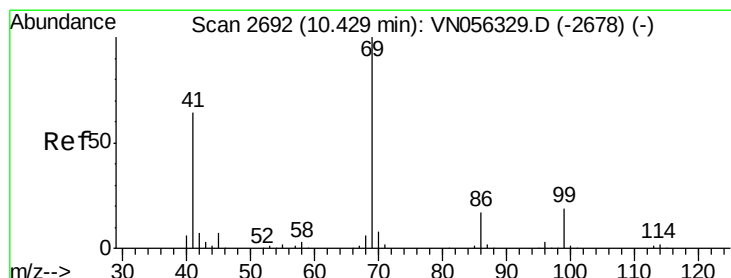
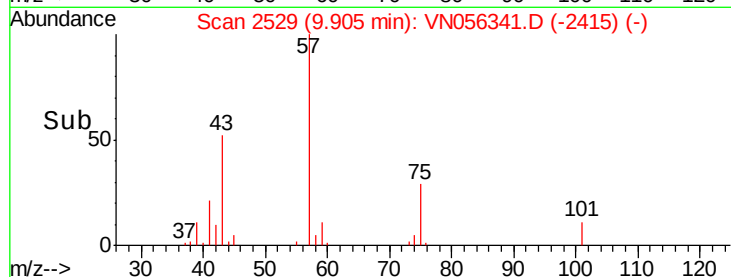
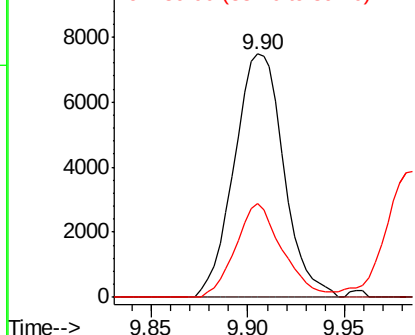
#54
 cis-1,3-Dichloropropene
 Concen: 2.272 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 13328
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 38.6 35.4 53.0

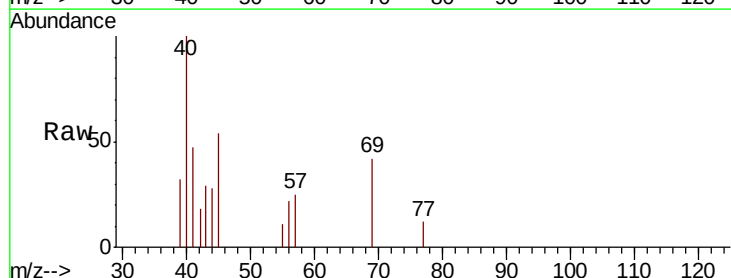


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0

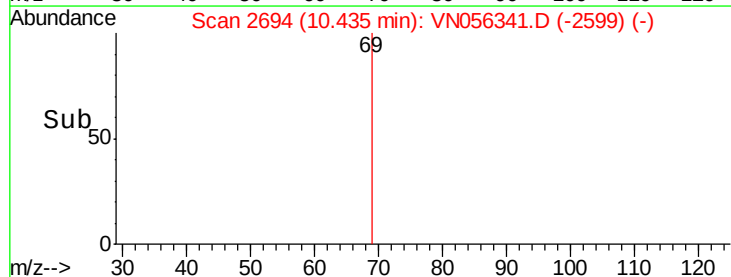
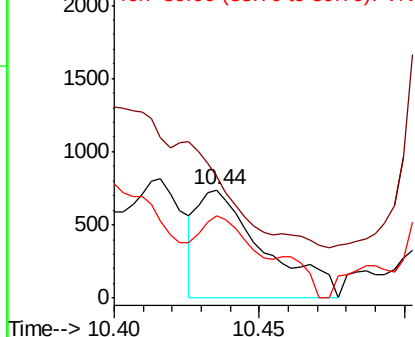


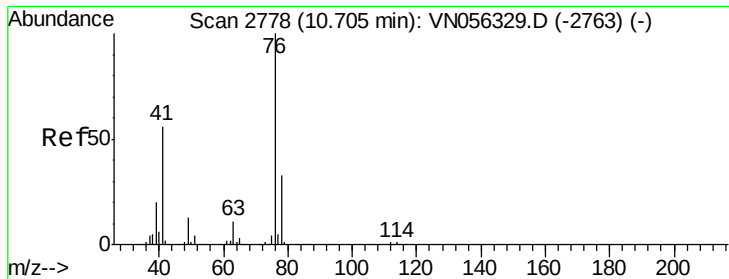
#56
 Ethyl methacrylate
 Concen: 0.211 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion: 69 Resp: 1163
 Ion Ratio Lower Upper
 69 100
 41 0.0 52.0 78.0#
 39 0.0 24.4 36.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.442 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

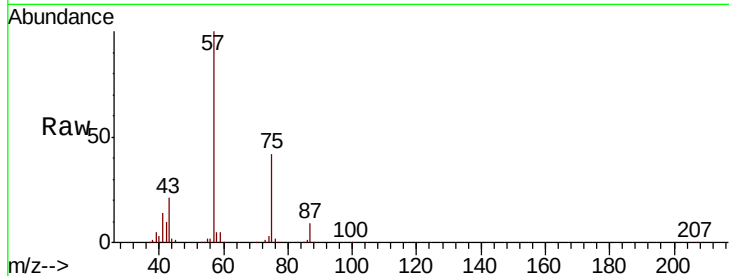
ClientSampleId :

Tot Ion: 76 Resp: 2849

Ion Ratio Lower Upper

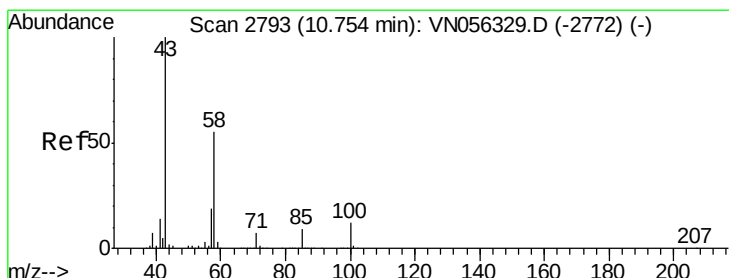
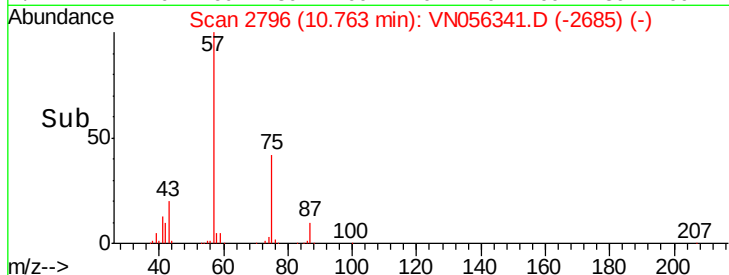
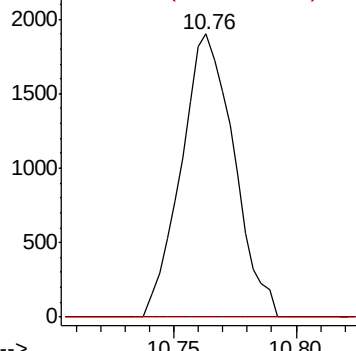
76 100

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: 10.443 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056341.D

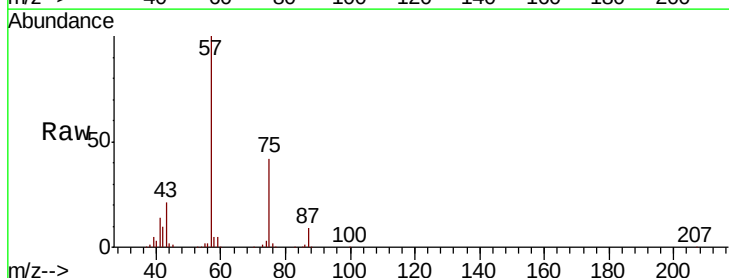
Acq: 17 Jun 2019 15:34

Tgt Ion: 43 Resp: 37665

Ion Ratio Lower Upper

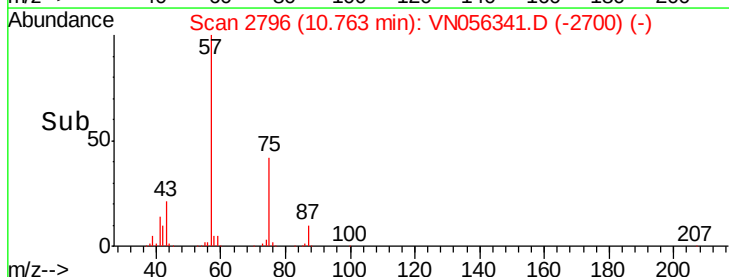
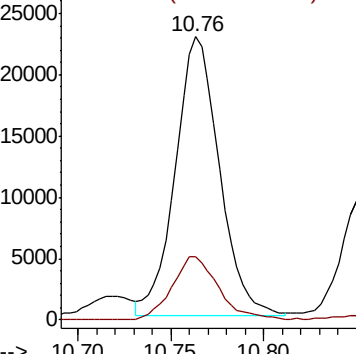
43 100

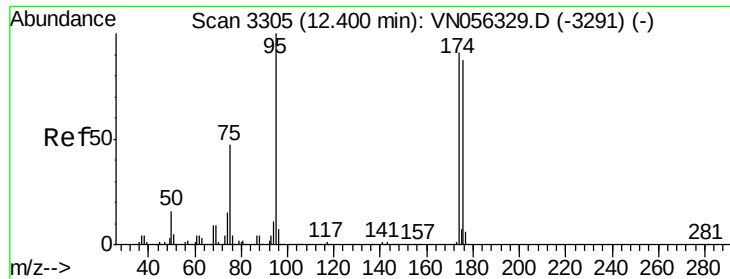
58 23.7 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

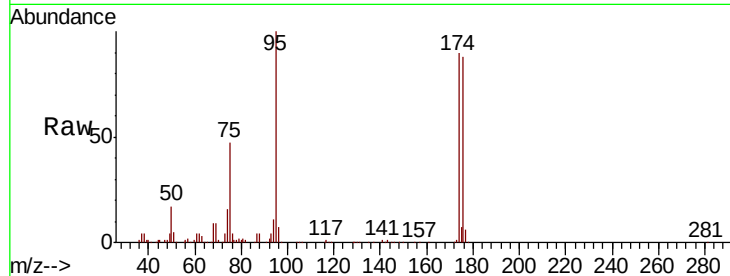
Tot Ion: 95 Resp: 259990

Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.6

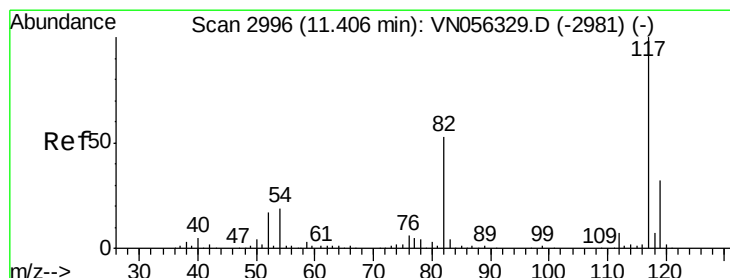
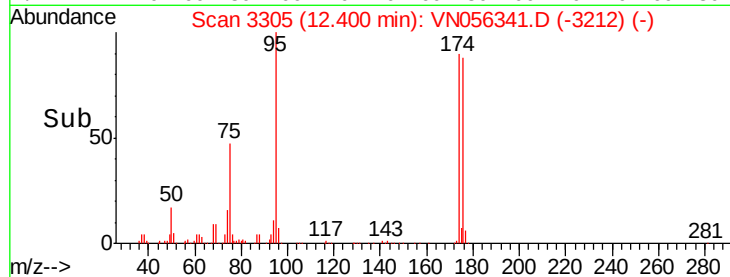
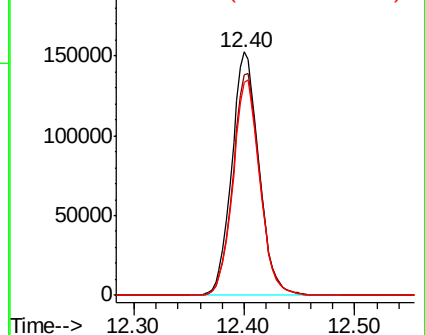
176 87.5 0.0 176.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

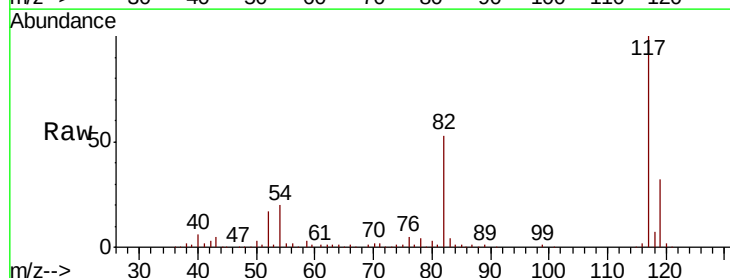
Tgt Ion: 117 Resp: 578600

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

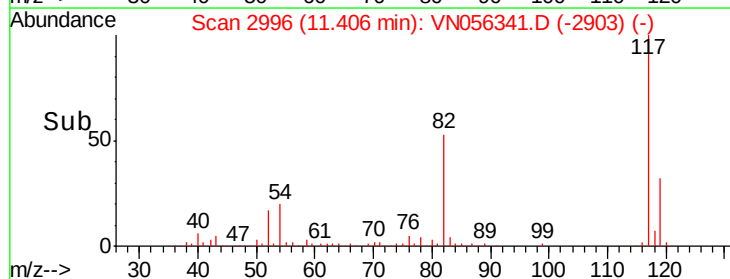
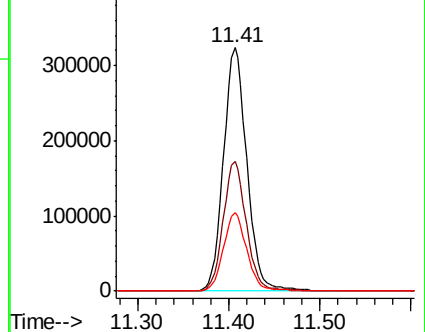
119 32.0 26.0 39.0

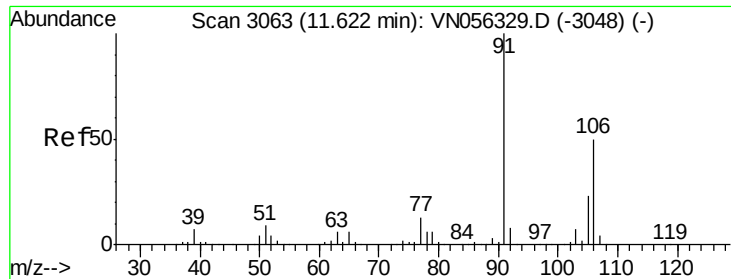


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

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

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

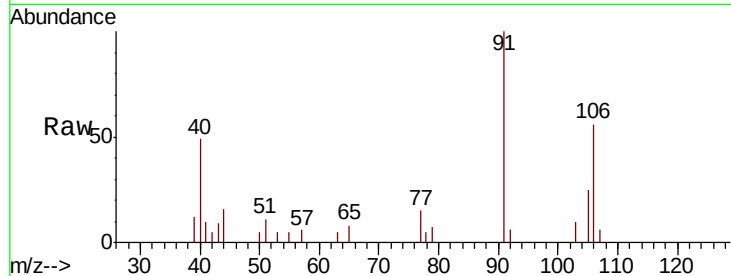




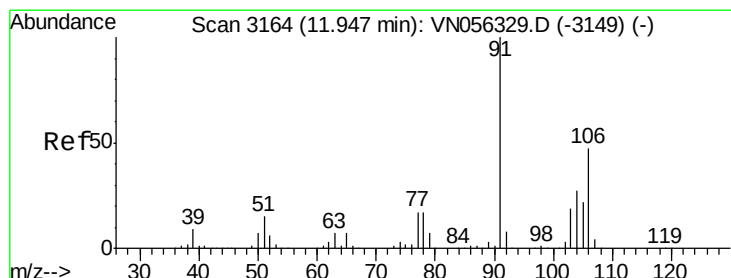
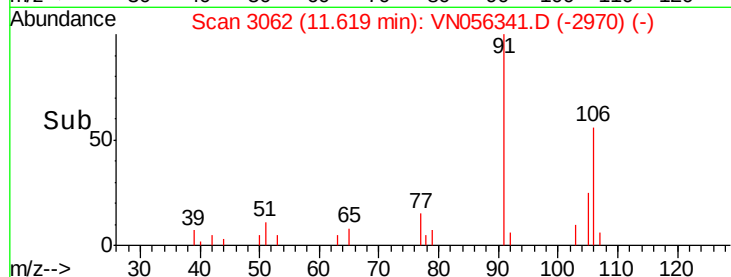
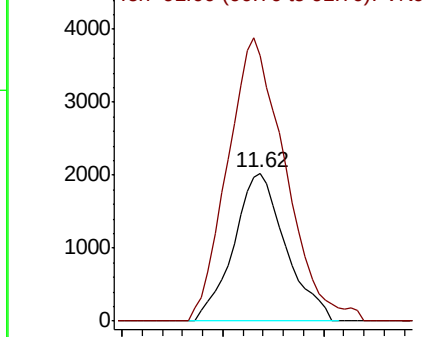
#68
m/p-Xylenes
Concen: 0.484 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 3639
Ion Ratio Lower Upper
106 100
91 213.5 160.7 241.1

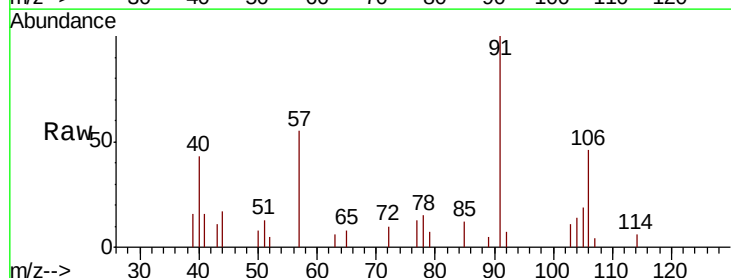


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

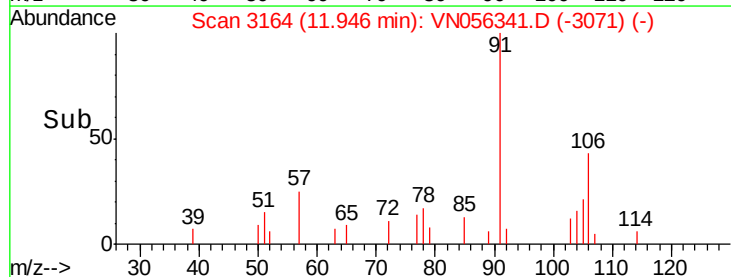
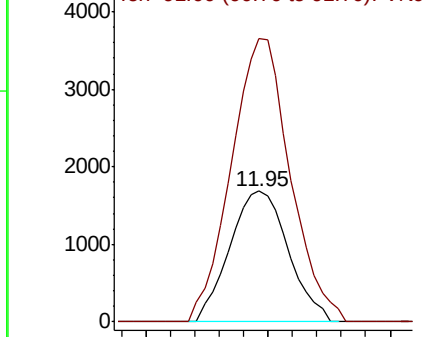


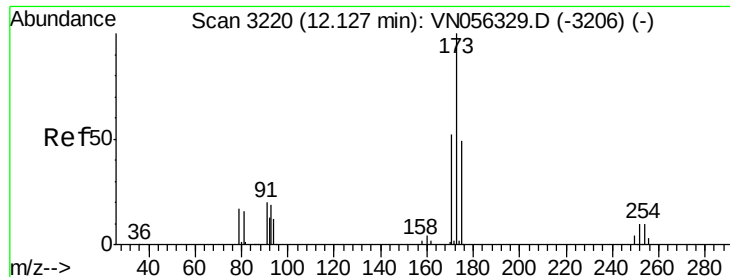
#69
o-Xylene
Concen: 0.377 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion:106 Resp: 2800
Ion Ratio Lower Upper
106 100
91 218.5 105.6 316.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

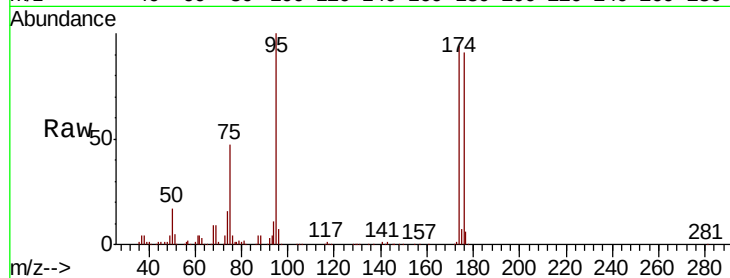




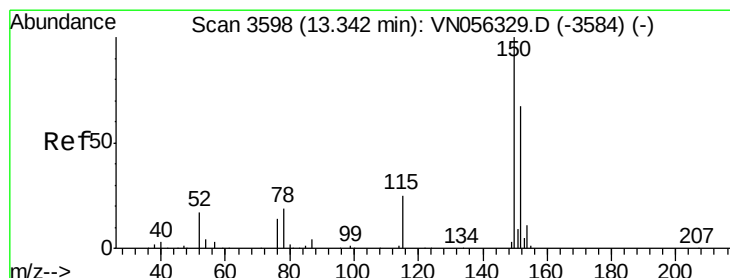
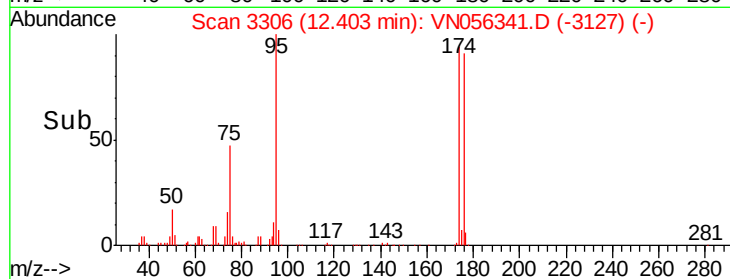
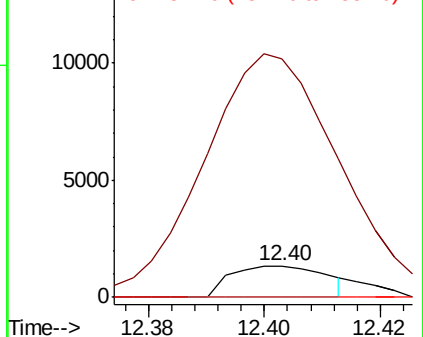
#71
Bromoform
Concen: 0.448 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1526
Ion Ratio Lower Upper
173 100
175 976.9 24.3 73.0#
254 0.0 0.0 0.0

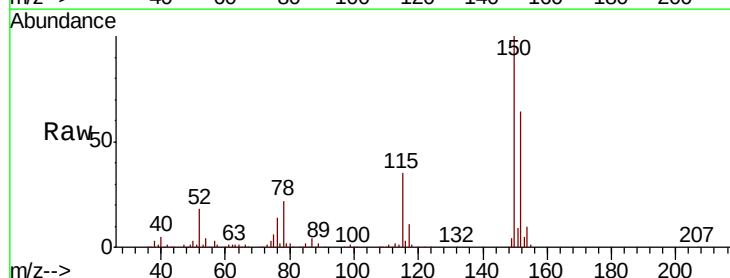


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

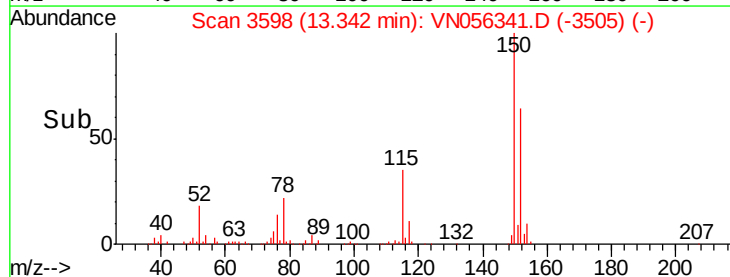
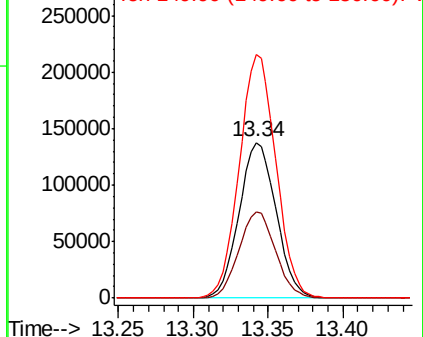


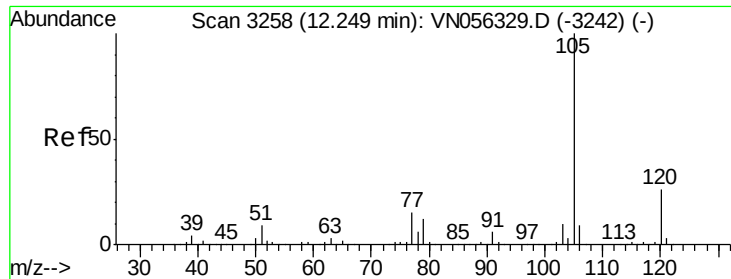
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion:152 Resp: 237189
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 154.7 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: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

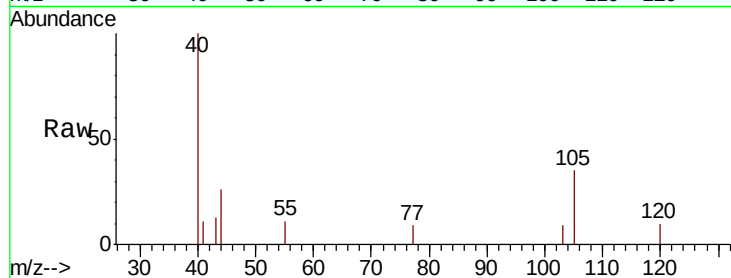
ClientSampleId :

Tot Ion:105 Resp: 888

Ion Ratio Lower Upper

105 100

120 22.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

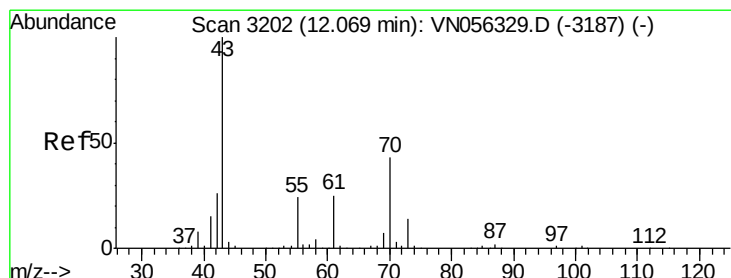
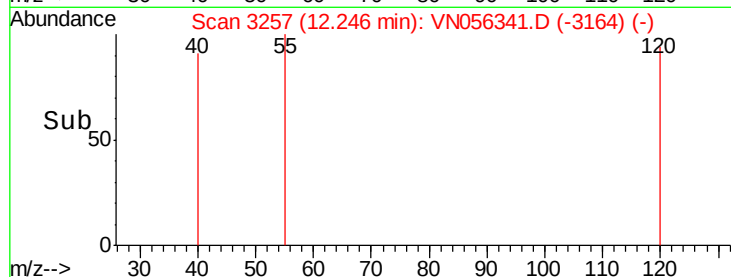
600

400

200

0

Time-->



#74

N-ethyl acetate

Concen: 0.770 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Tgt Ion: 43 Resp: 5738

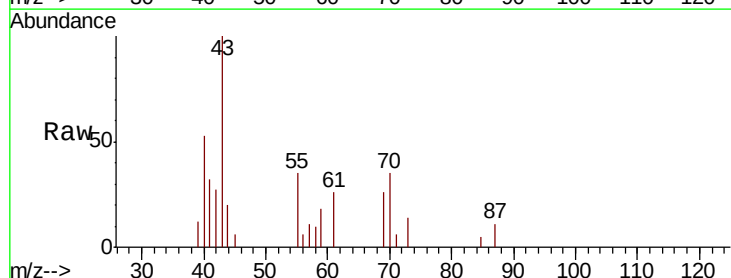
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 41.8 19.9 29.9#

61 23.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

5000

4000

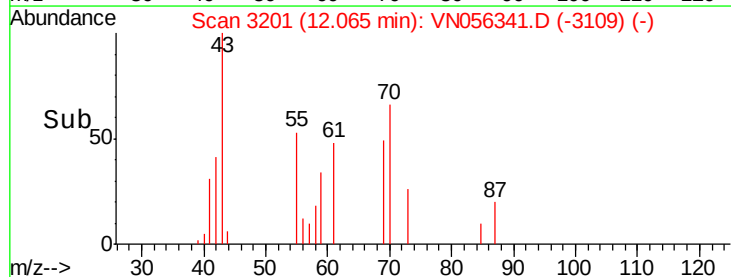
3000

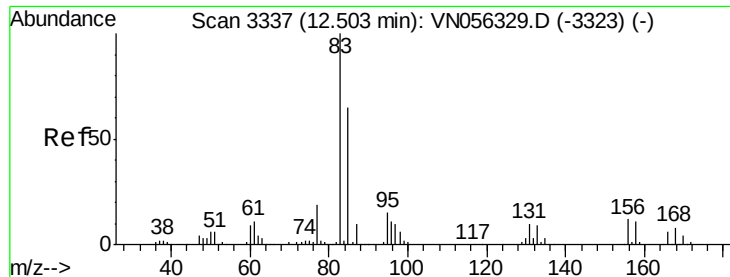
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3349

Delta R.T. 0.04 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

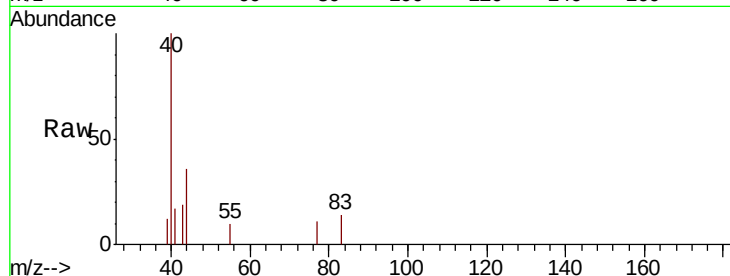
Tot Ion: 83 Resp: 301

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

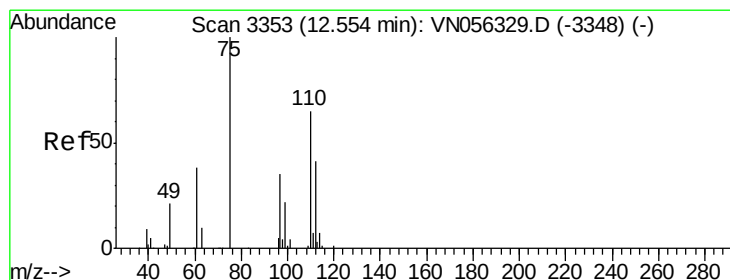
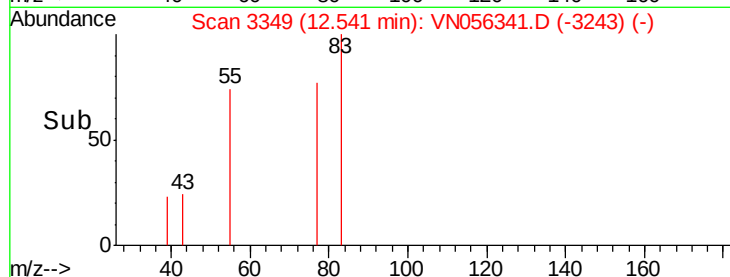
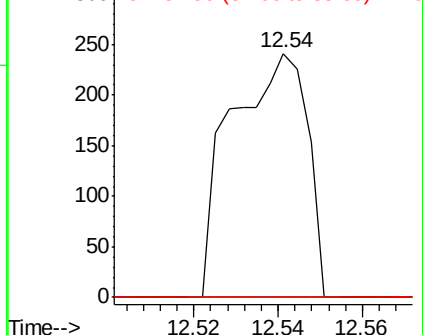
85 0.0 32.2 96.6#



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: 23.845 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056341.D

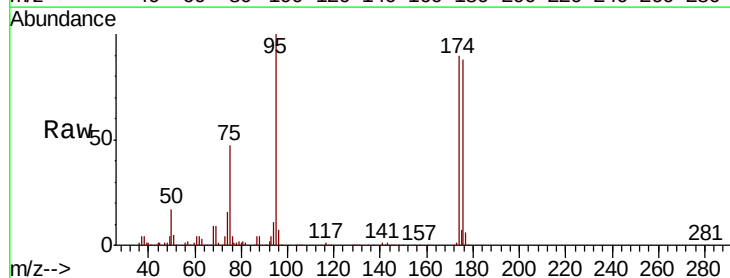
Acq: 17 Jun 2019 15:34

Tgt Ion: 75 Resp: 120840

Ion Ratio Lower Upper

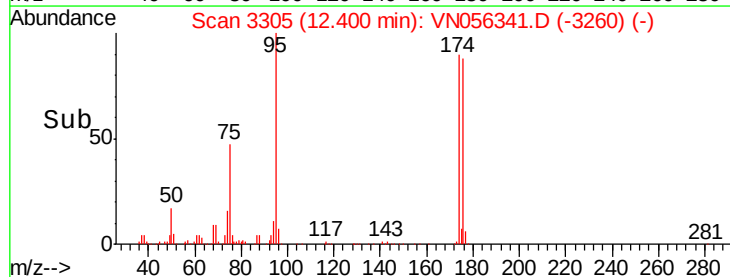
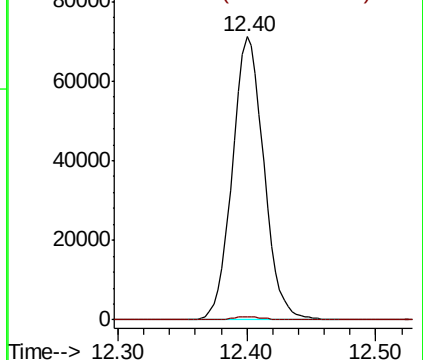
75 100

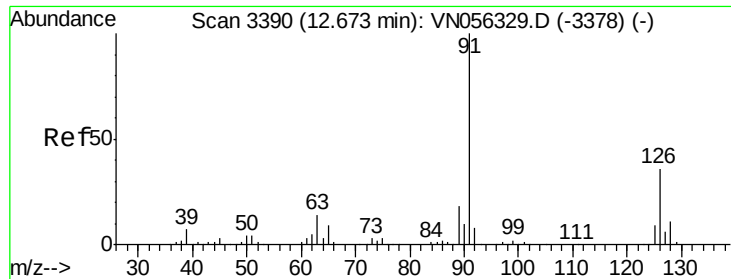
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

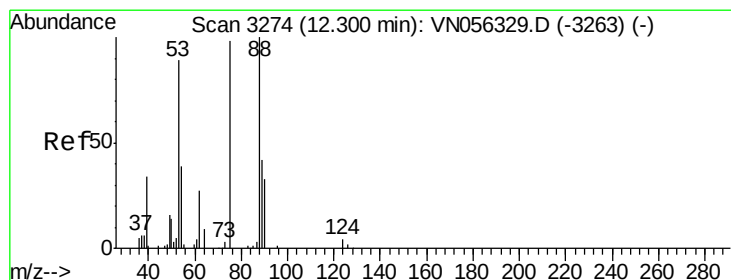
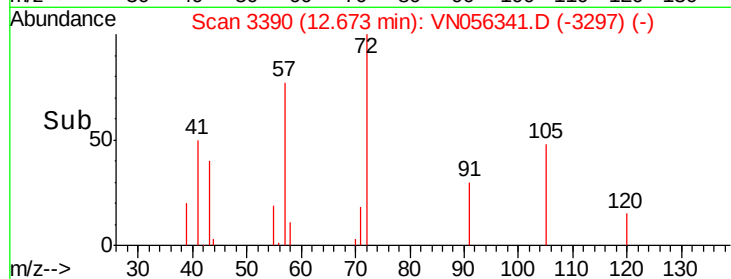
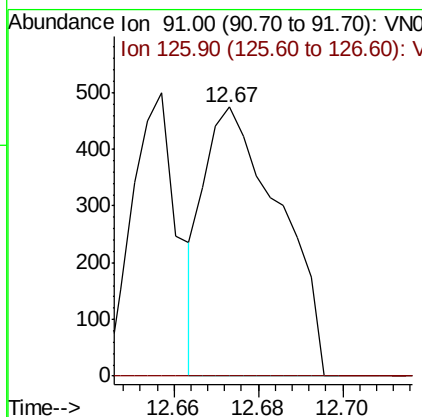
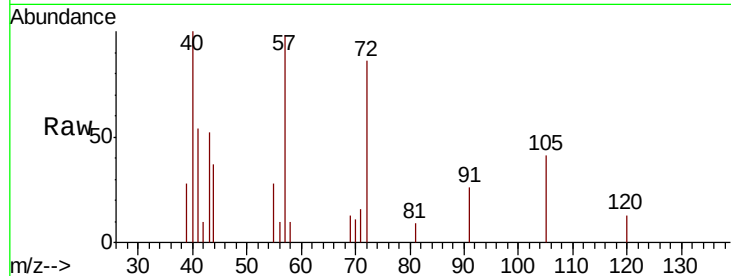




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

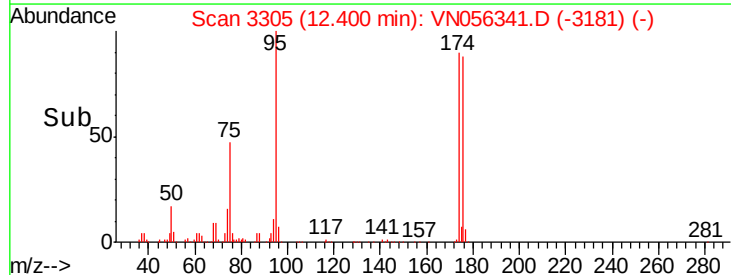
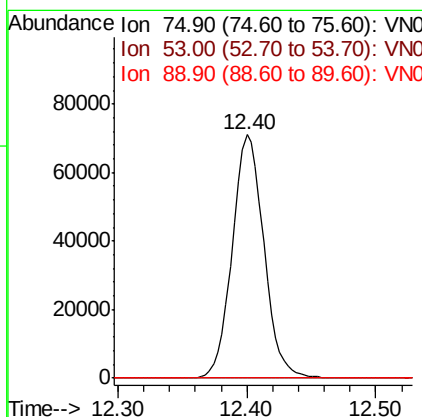
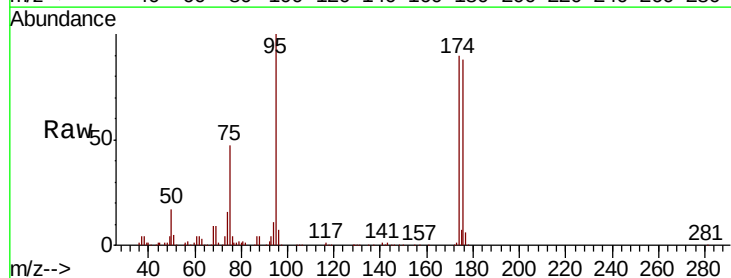
Instrument :
 MSVOA_N
 ClientSampled :

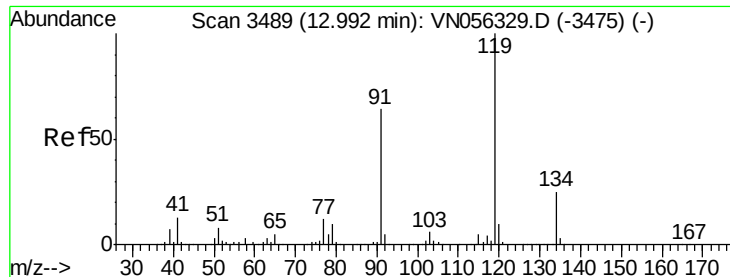
Tot Ion: 91 Resp: 590
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.086 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion: 75 Resp: 120840
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.4 53.2#

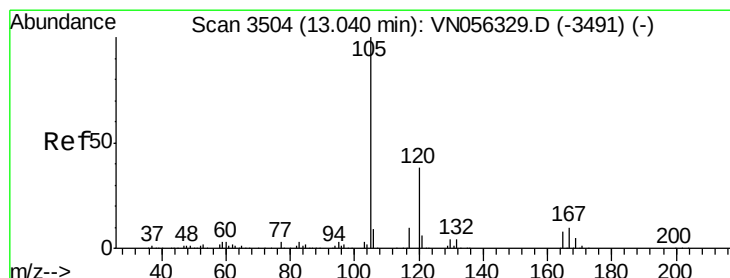
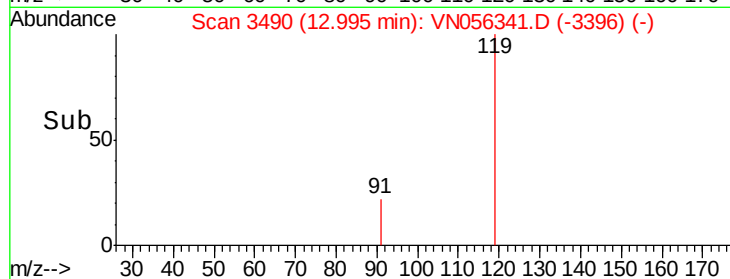
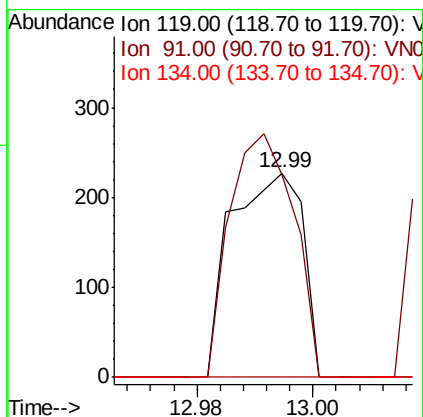
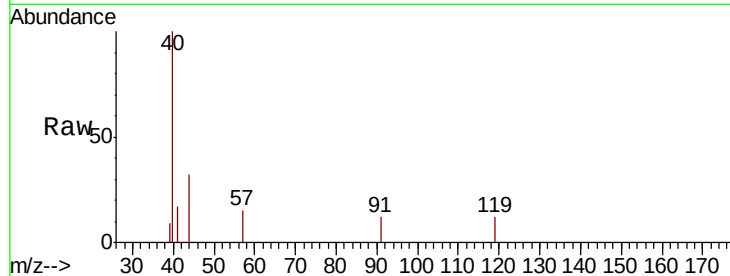




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

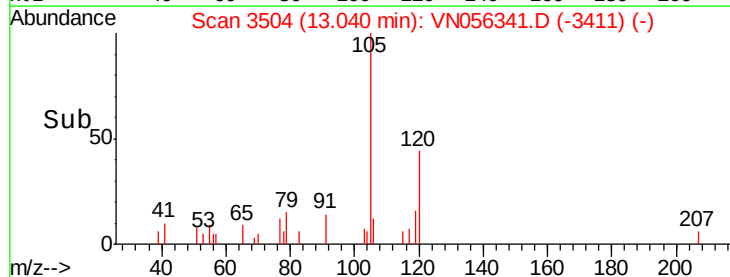
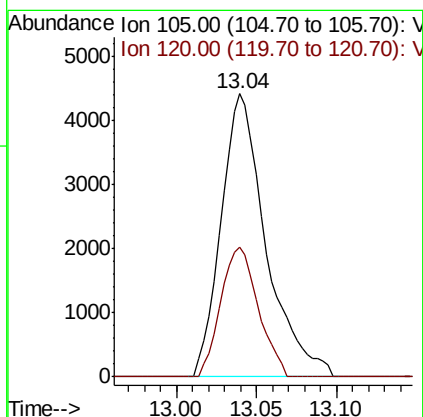
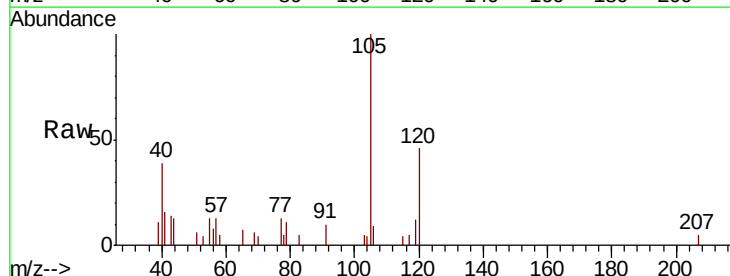
Instrument :
 MSVOA_N
 ClientSampleId :

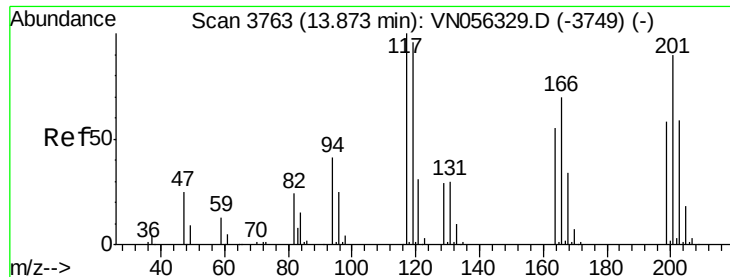
Tot Ion:119 Resp: 193
 Ion Ratio Lower Upper
 119 100
 91 107.3 31.5 94.5#
 134 0.0 13.6 40.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.549 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion:105 Resp: 8454
 Ion Ratio Lower Upper
 105 100
 120 38.4 23.1 69.2





#90

Hexachloroethane

Concen: Below Cal

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

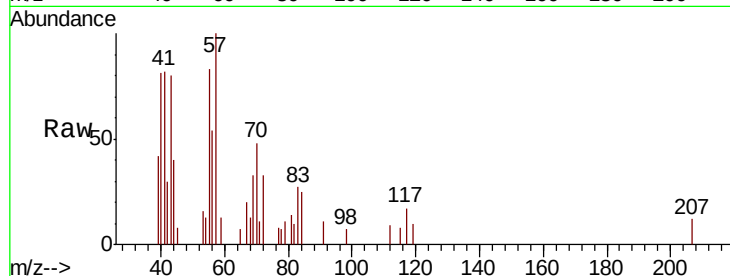
ClientSampleId :

Tot Ion:117 Resp: 521

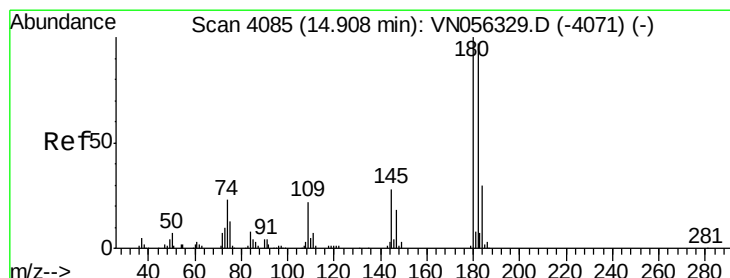
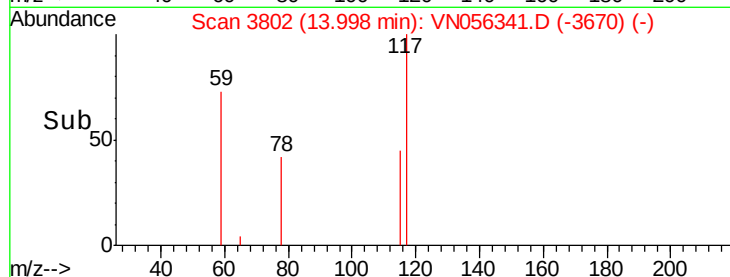
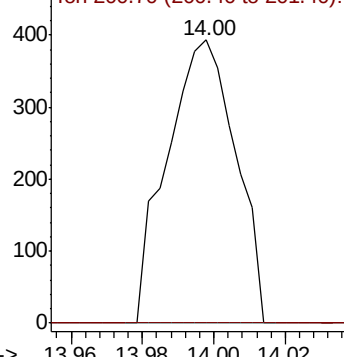
Ion Ratio Lower Upper

117 100

201 0.0 45.8 137.3#



Abundance Ion 116.80 (116.50 to 117.50): V



#93

1,2,4-Trichlorobenzene

Concen: 5.474 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

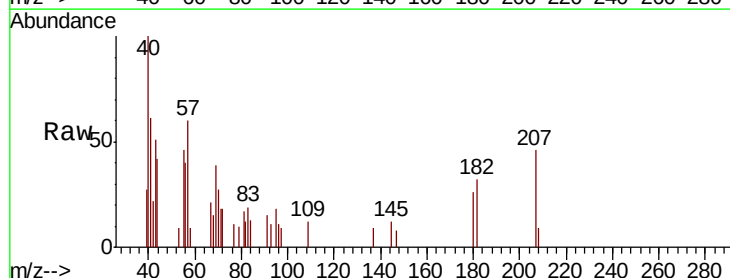
Tgt Ion:180 Resp: 771

Ion Ratio Lower Upper

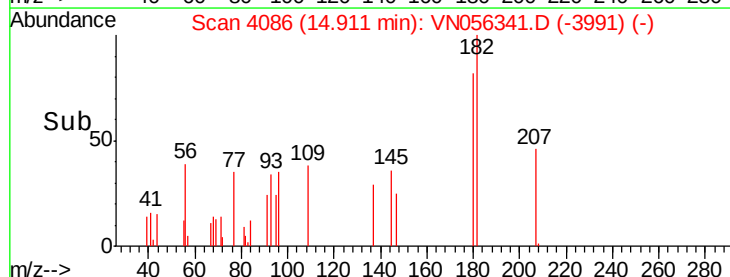
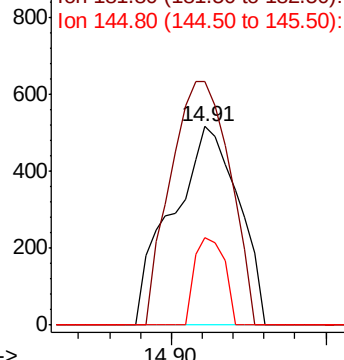
180 100

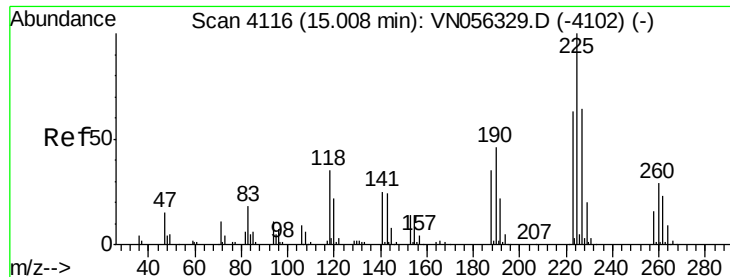
182 109.5 47.4 142.3

145 19.7 14.0 41.9



Abundance Ion 179.80 (179.50 to 180.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

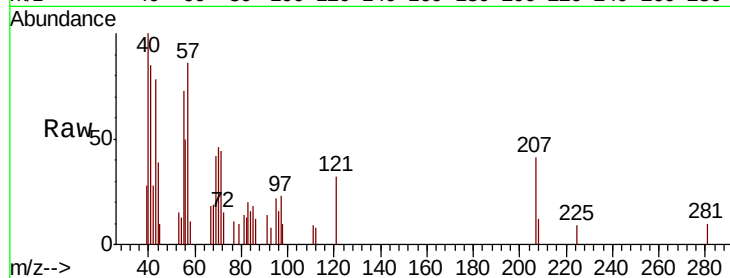
Tot Ion:225 Resp: 99

Ion Ratio Lower Upper

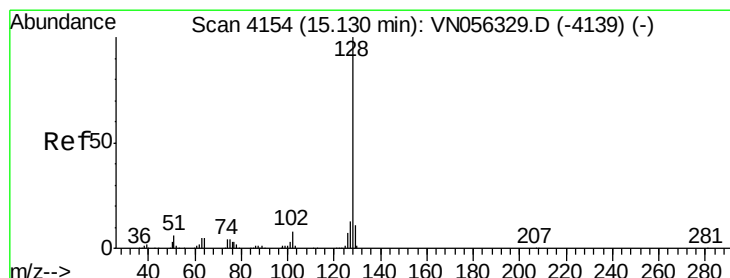
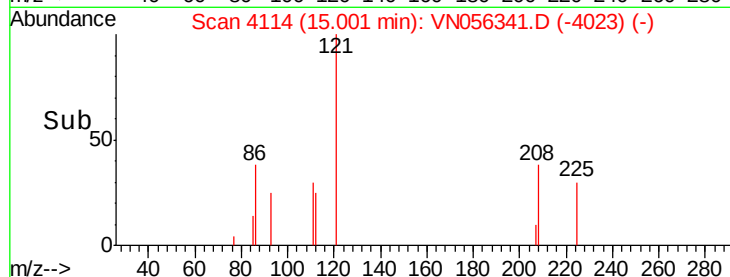
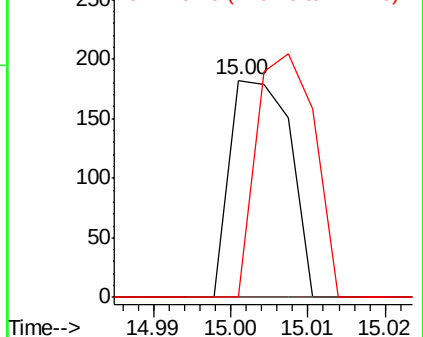
225 100

223 0.0 31.2 93.6#

227 107.1 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



#95

Naphthalene

Concen: 4.995 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

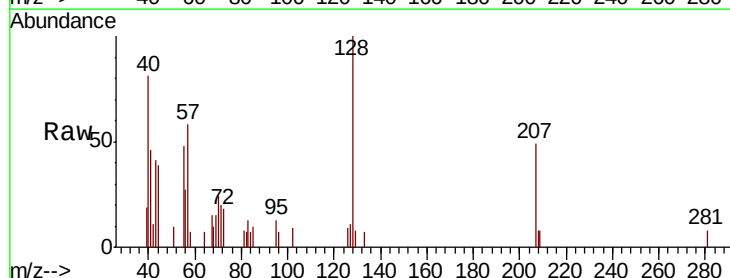
Tgt Ion:128 Resp: 3998

Ion Ratio Lower Upper

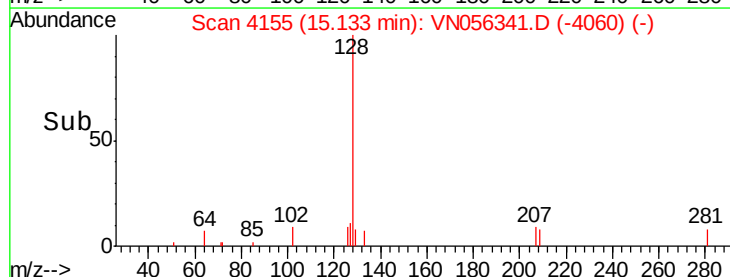
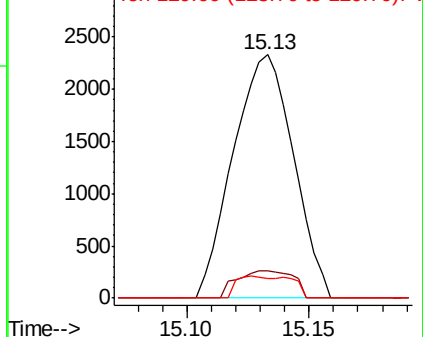
128 100

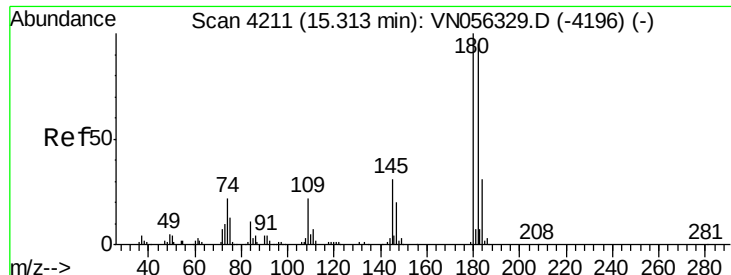
127 10.6 10.6 15.8

129 5.5 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: 4.009 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.1	141.4
145	35.7	14.9	44.9

