

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056827.D
 Acq On : 19 Jul 2019 13:21
 Operator : JC/SP
 Sample : PB121463ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#12

Quant Time: Jul 19 23:14:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	248956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	448332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	147903	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.59	113	133821	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.09	98	579609	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.40	95	212253	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	

Target Compounds

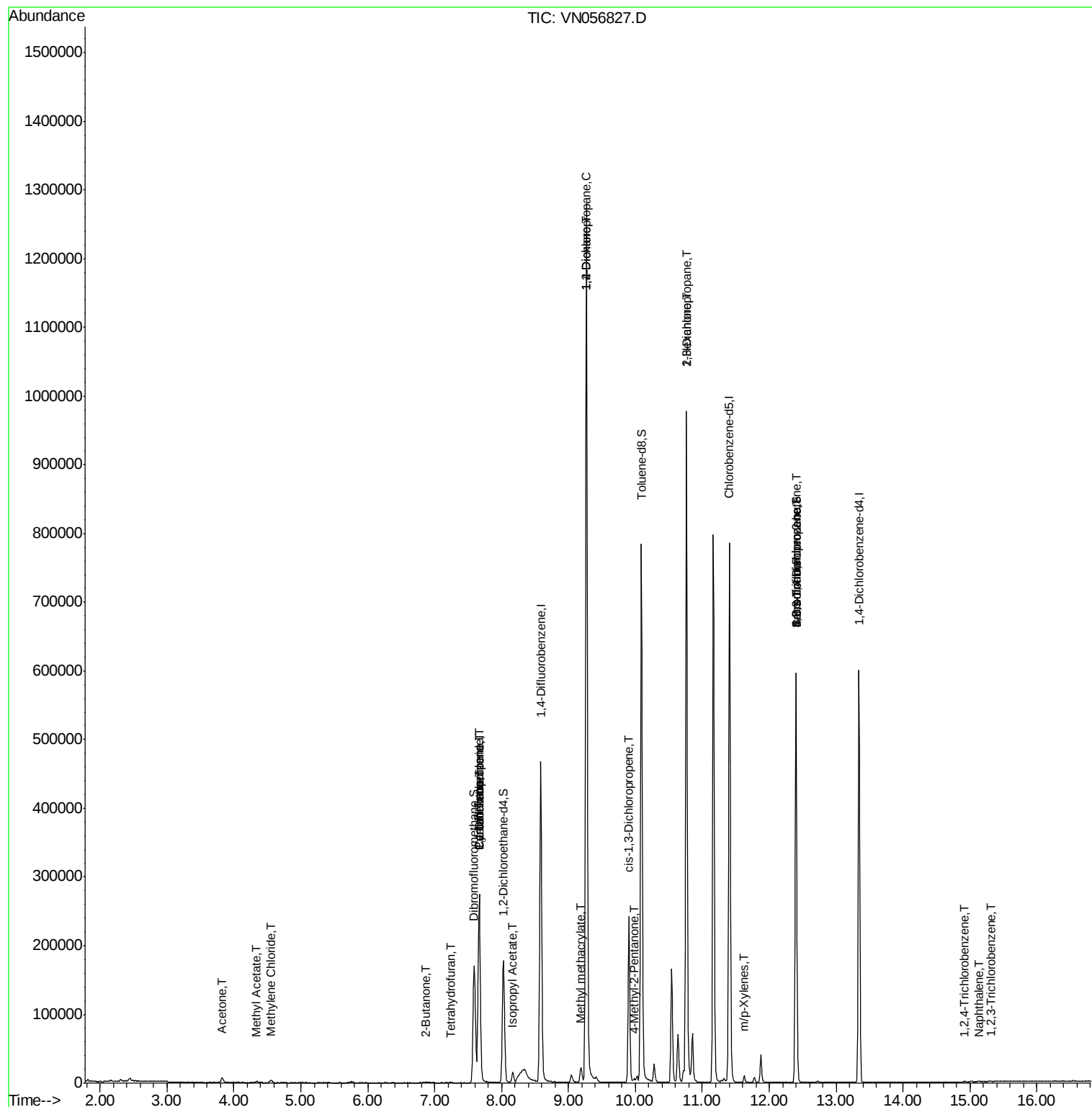
						Qvalue
16) Acetone	3.82	43	12696	10.005	ug/l	95
18) Methyl Acetate	4.34	43	4547	0.634	ug/l #	77
20) Methylene Chloride	4.55	84	2879	1.038	ug/l	90
25) 2-Butanone	6.86	43	2358	1.271	ug/l	97
29) Tetrahydrofuran	7.23	42	428	0.354	ug/l #	35
31) Cyclohexane	7.66	56	3850	0.875	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16291	3.927	ug/l #	48
38) Carbon Tetrachloride	7.67	117	21016	5.402	ug/l #	15
43) Isopropyl Acetate	8.17	43	18084	2.813	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1698	0.503	ug/l #	45
48) Methyl methacrylate	9.18	41	8285	2.665	ug/l #	13
49) 1,4-Dioxane	9.27	88	95	1.489	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4161	0.999	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	46762	9.710	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	10265	1.985	ug/l #	42
59) 2-Hexanone	10.76	43	141540	47.379	ug/l #	51
68) m/p-Xylenes	11.62	106	3052	0.461	ug/l	90
71) Bromoform	12.40	173	1678	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	96558	25.864	ug/l #	100
79) 2-Chlorotoluene	12.60	91	99	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	96558	79.878	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	335	3.784	ug/l #	81
95) Naphthalene	15.13	128	1122	4.637	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	275	3.400	ug/l #	29

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

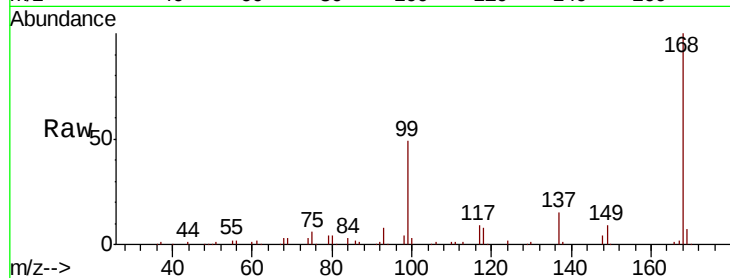
PB121463ZHE#12

Tot Ion:168 Resp: 248956

Ion Ratio Lower Upper

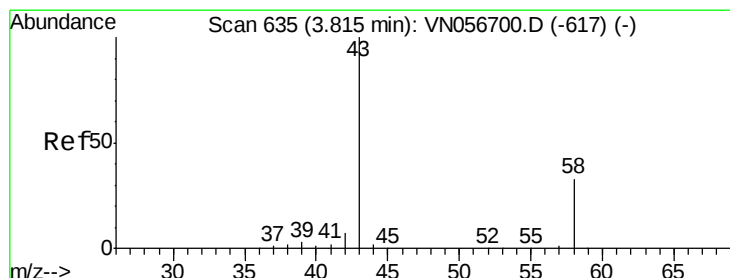
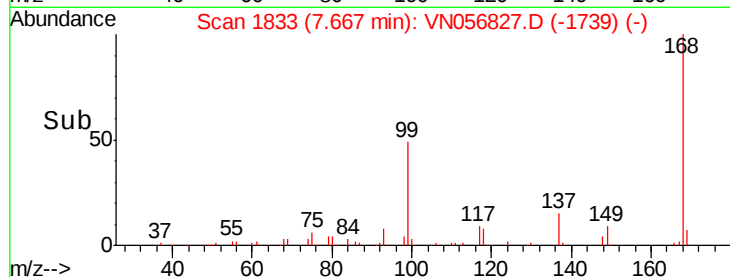
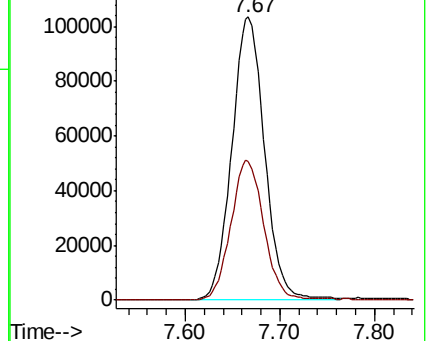
168 100

99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.005 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056827.D

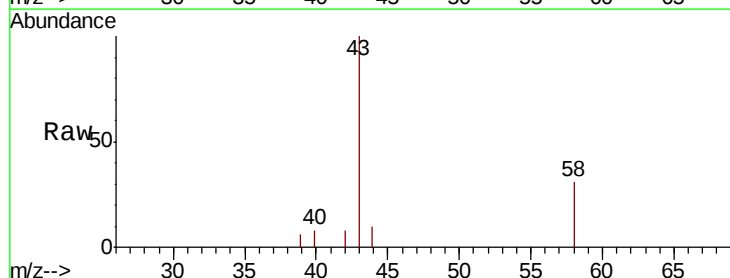
Acq: 19 Jul 2019 13:21

Tgt Ion: 43 Resp: 12696

Ion Ratio Lower Upper

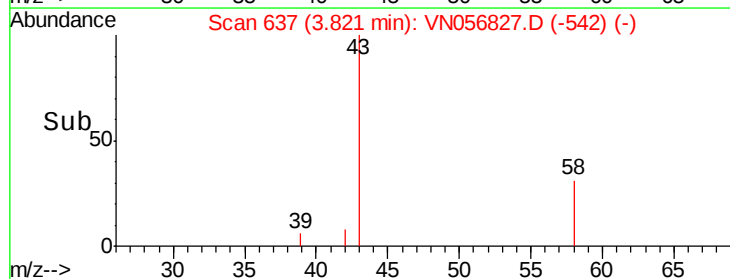
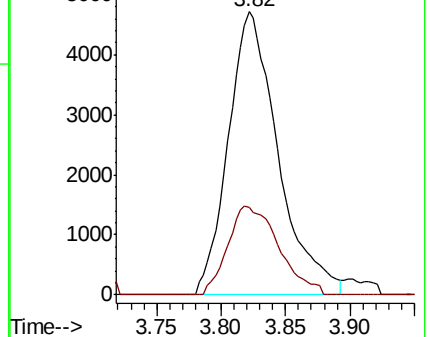
43 100

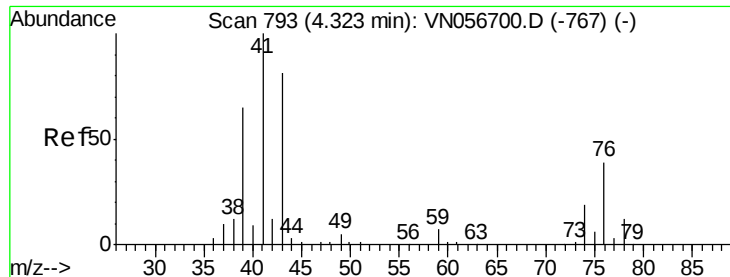
58 30.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

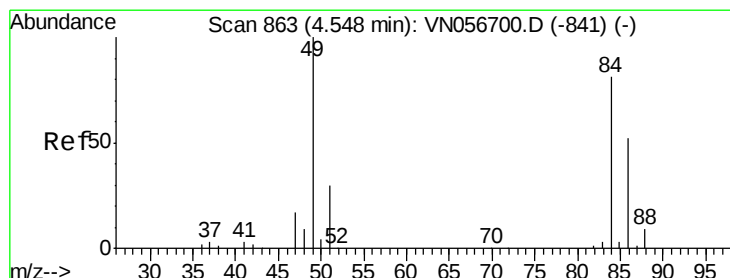
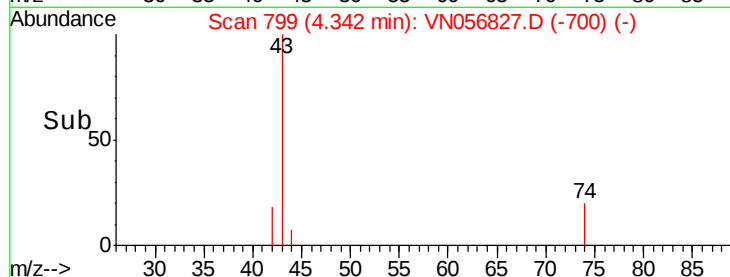
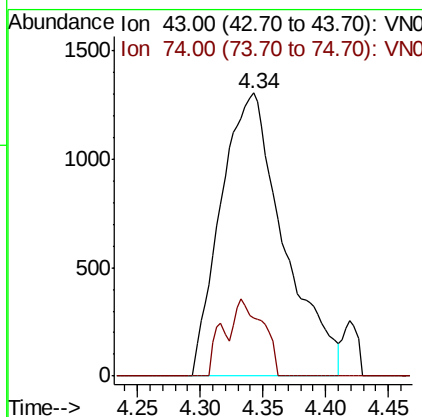
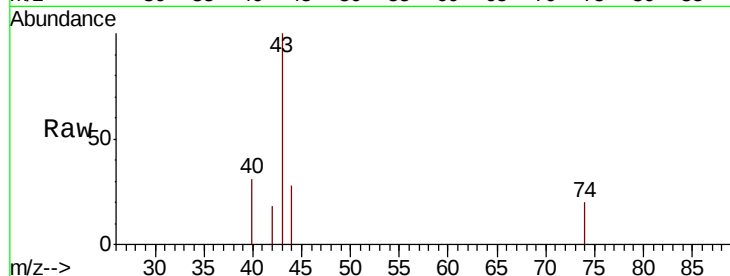




#18
Methvl Acetate
Concen: 0.634 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

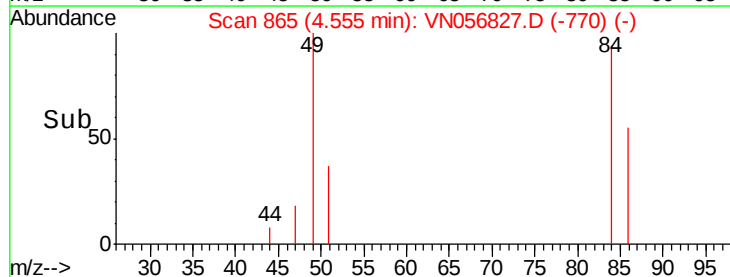
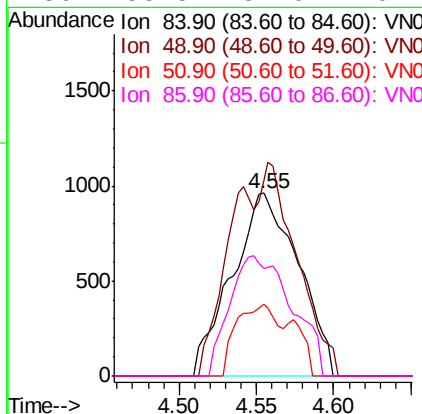
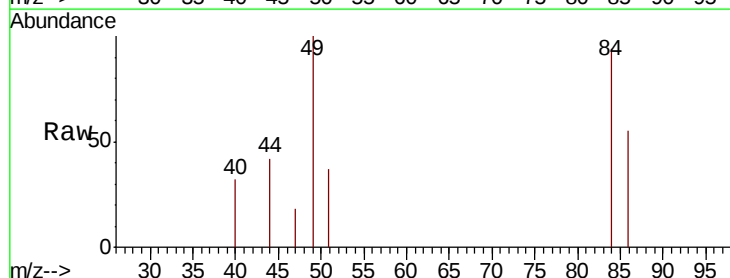
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

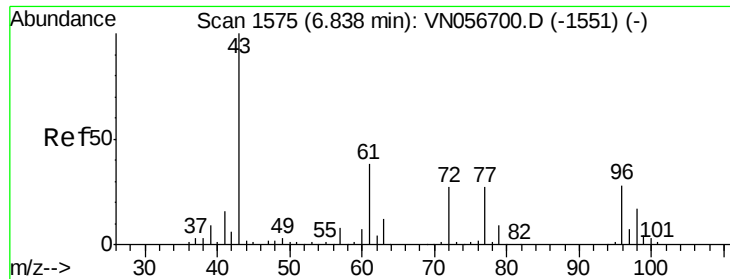
Tot Ion: 43 Resp: 4547
Ion Ratio Lower Upper
43 100
74 12.3 18.9 28.3#



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion: 84 Resp: 2879
Ion Ratio Lower Upper
84 100
49 106.9 98.2 147.4
51 39.1 29.6 44.4
86 58.5 51.0 76.4





#25

2-Butanone

Concen: 1.271 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

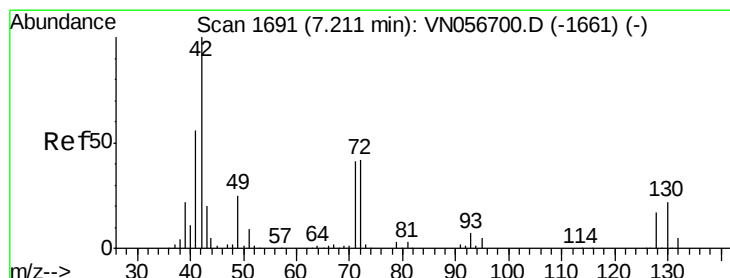
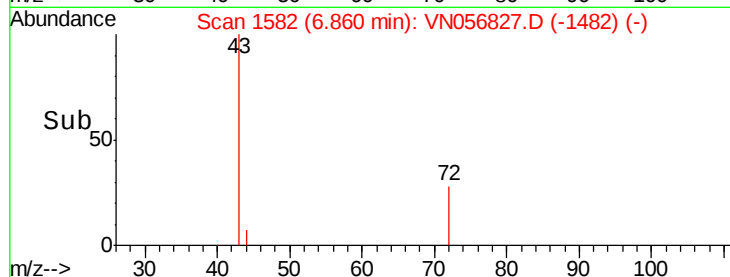
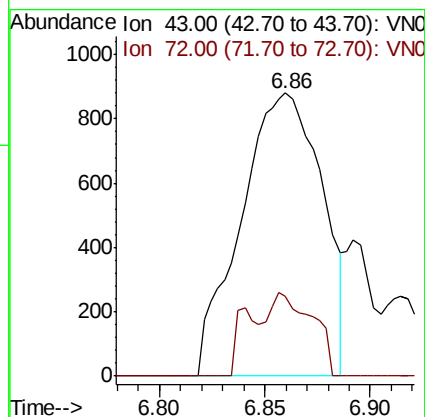
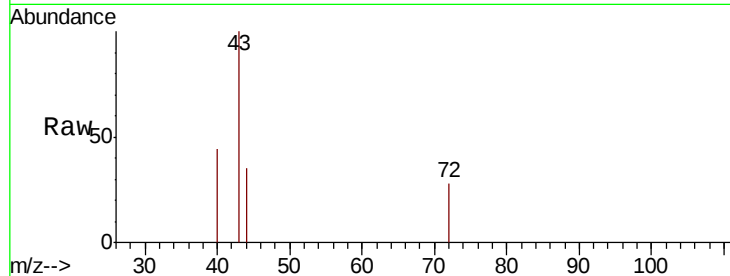
PB121463ZHE#12

Tot Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

72 28.3 21.2 31.8



#29

Tetrahydrofuran

Concen: 0.354 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

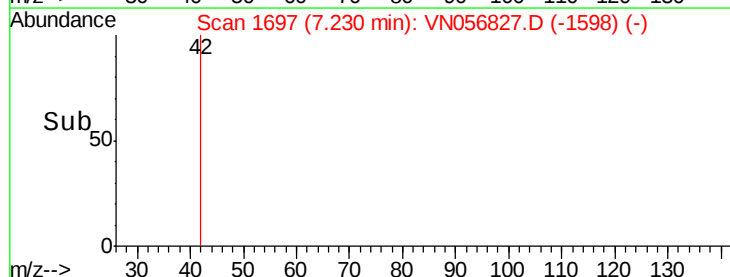
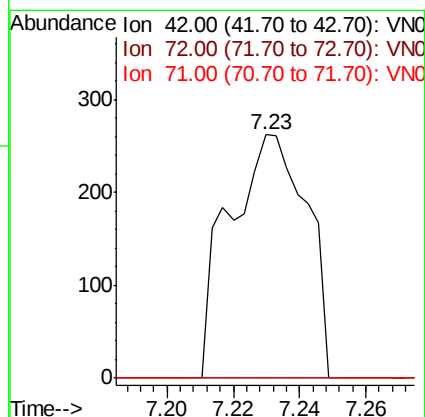
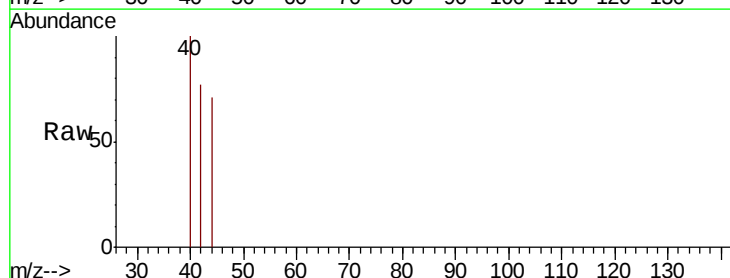
Tgt Ion: 42 Resp: 428

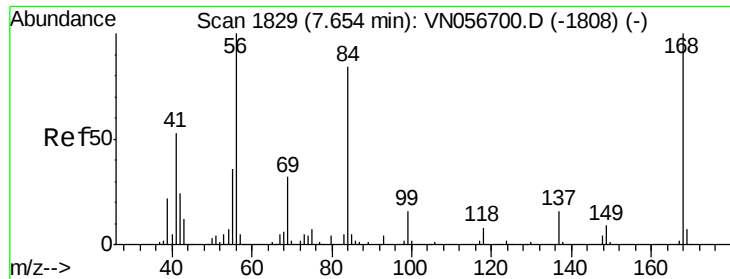
Ion Ratio Lower Upper

42 100

72 0.0 33.5 50.3#

71 0.0 31.8 47.8#

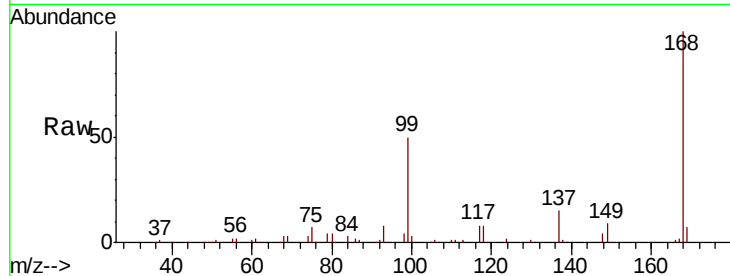




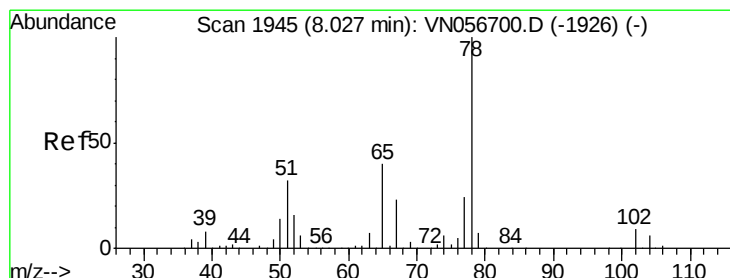
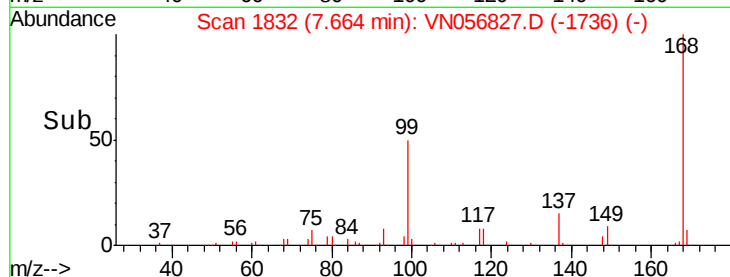
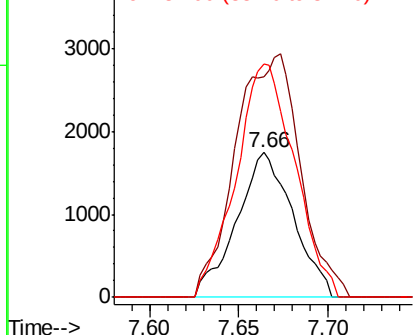
#31
Cyclohexane
Concen: 0.875 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

Tot Ion: 56 Resp: 3850
Ion Ratio Lower Upper
56 100
69 152.1 25.8 38.8#
84 161.5 67.4 101.0#

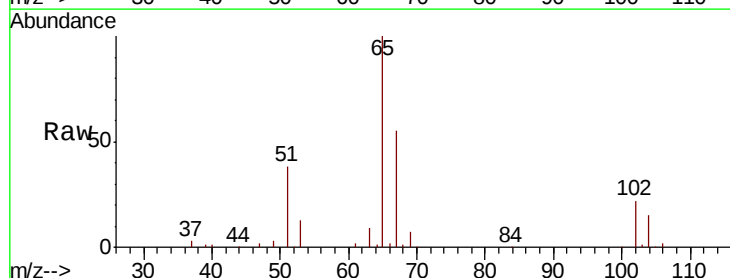


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

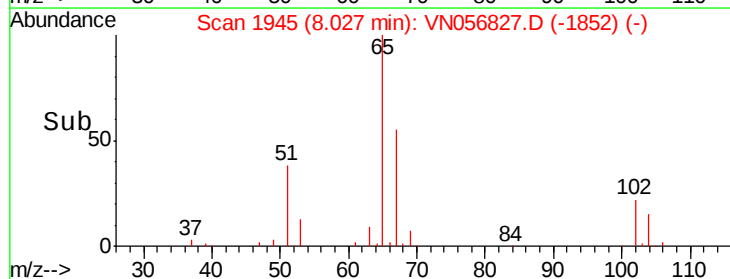
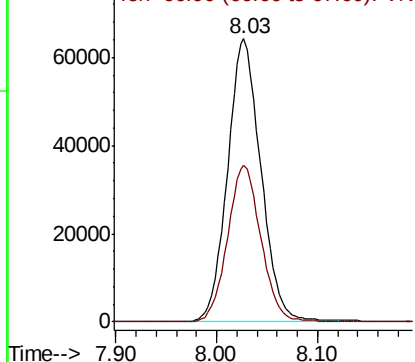


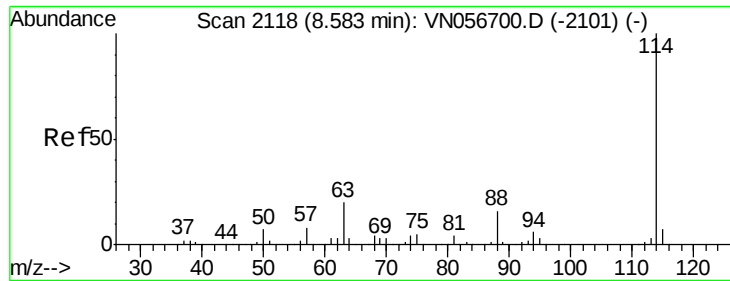
#33
1,2-Dichloroethane-d4
Concen: 53.709 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion: 65 Resp: 147903
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0



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

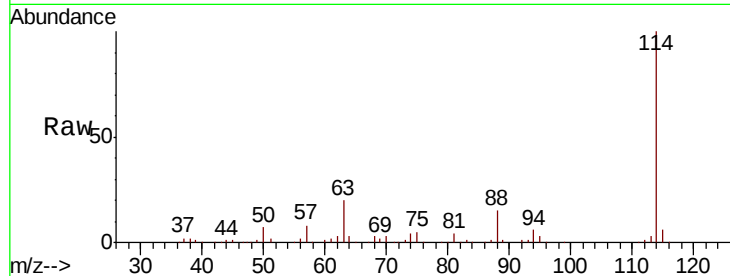




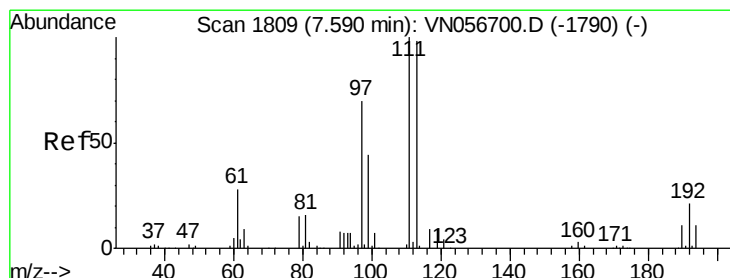
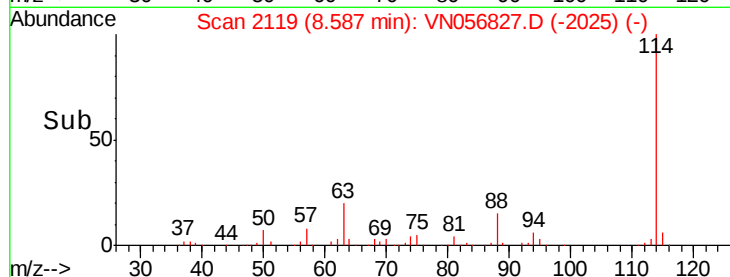
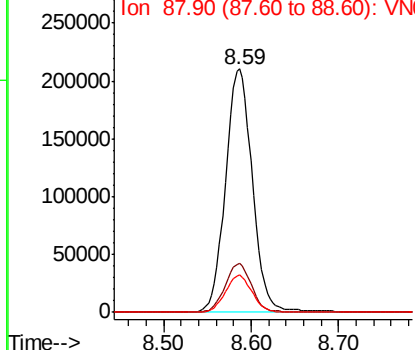
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

Instrument :
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 ClientSampleId :
 PB121463ZHE#12

Tot Ion:114 Resp: 448332
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.2 0.0 31.2

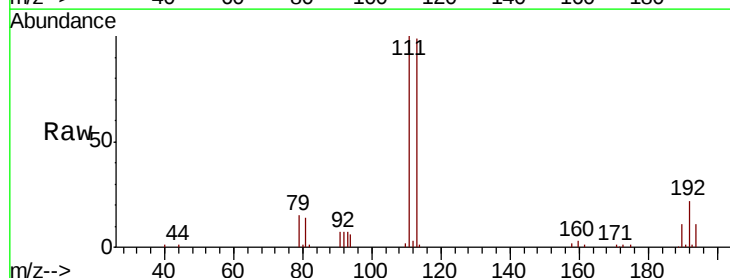


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

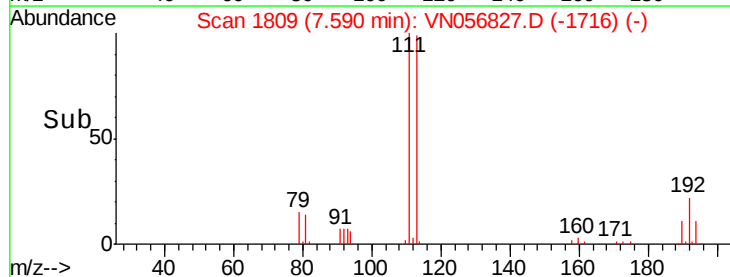
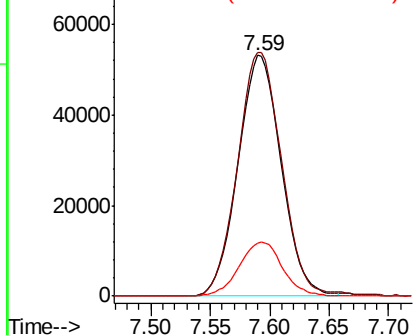


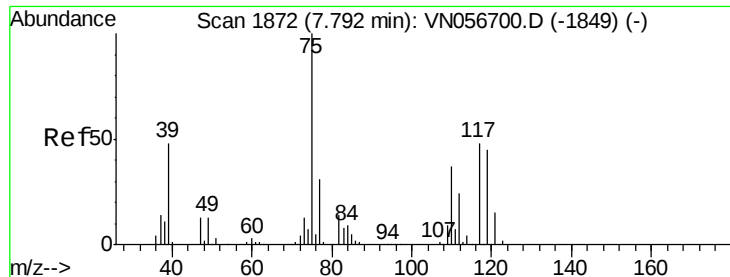
#35
 Dibromofluoromethane
 Concen: 47.963 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

Tgt Ion:113 Resp: 133821
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 22.5 17.5 26.3



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

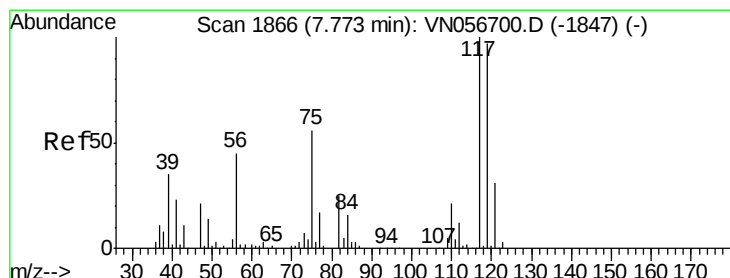
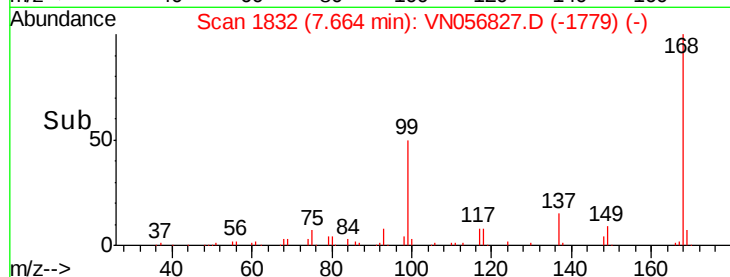
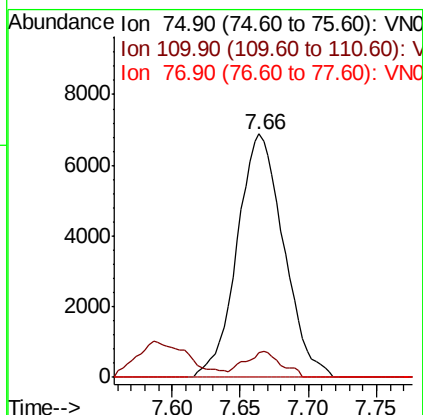
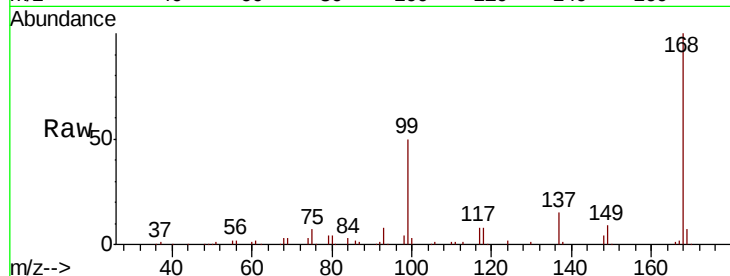




#36
 1,1-Dichloropropene
 Concen: 3.927 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

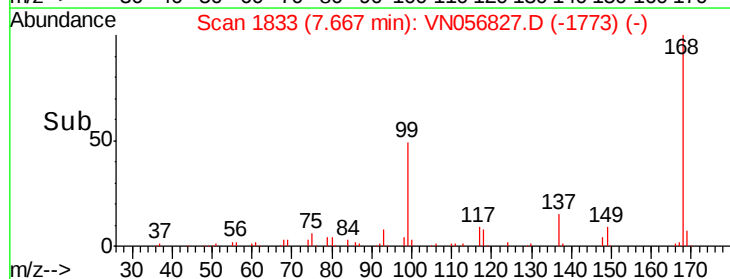
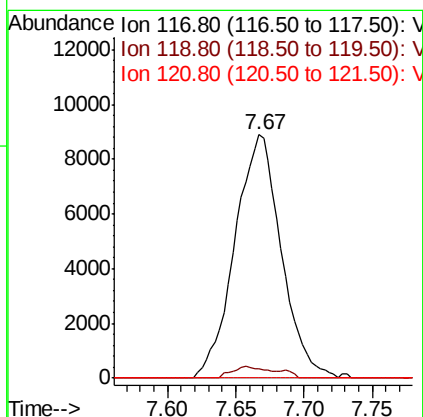
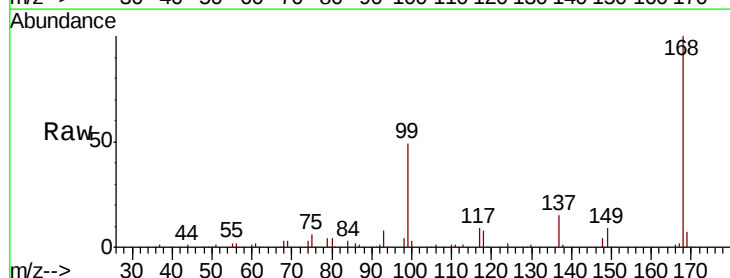
Instrument :
 MSVOA_N
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 PB121463ZHE#12

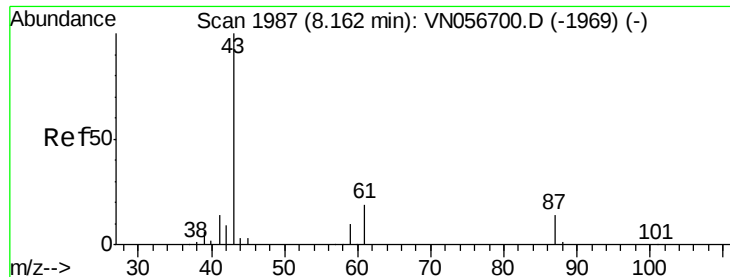
Tot Ion	75	Resp	16291
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.4	55.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.402 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

Tgt Ion	117	Resp	21016
Ion Ratio	Lower	Upper	
117	100		
119	3.8	77.5	116.3#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 2.813 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#12

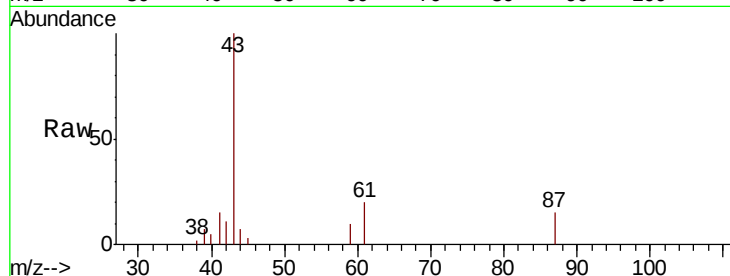
Tot Ion: 43 Resp: 18084

Ion Ratio Lower Upper

43 100

61 20.0 22.3 33.5#

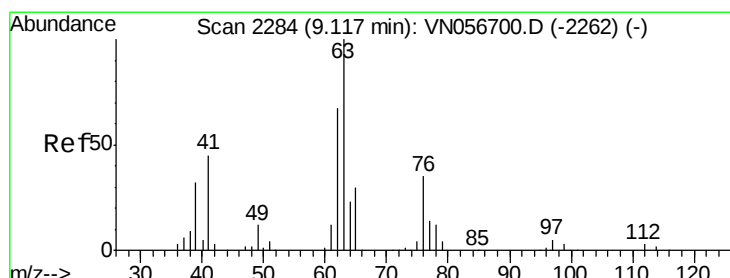
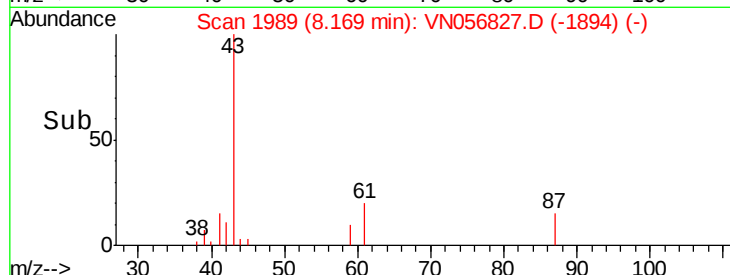
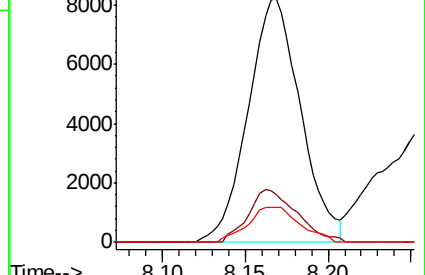
87 14.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056827.D (-2191) (-)

Ion 61.00 (60.70 to 61.70): VN056827.D (-2191) (-)

Ion 87.00 (86.70 to 87.70): VN056827.D (-2191) (-)



#45

1,2-Dichloropropane

Concen: 0.503 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056827.D

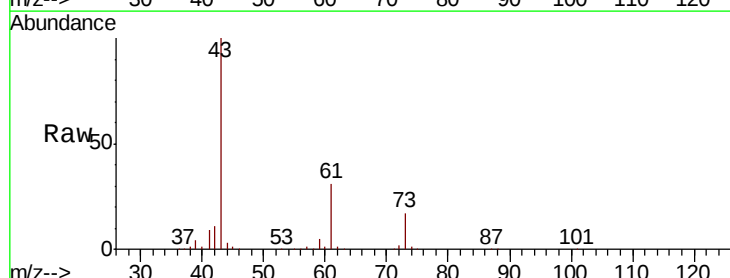
Acq: 19 Jul 2019 13:21

Tgt Ion: 63 Resp: 1698

Ion Ratio Lower Upper

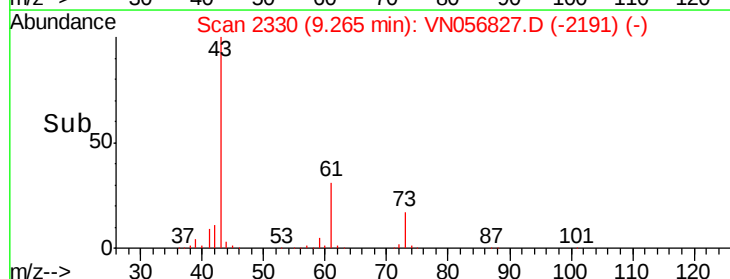
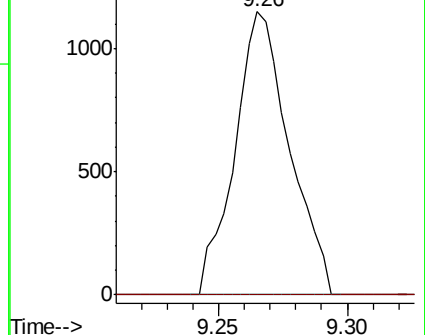
63 100

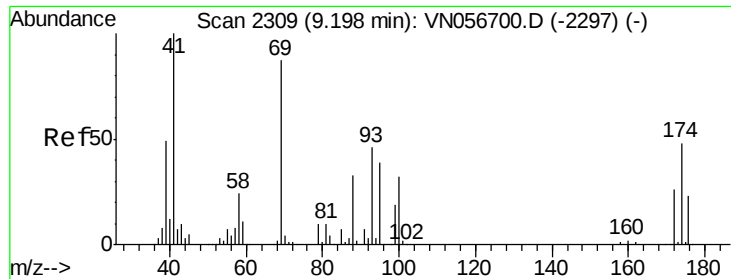
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN056827.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056827.D (-2191) (-)

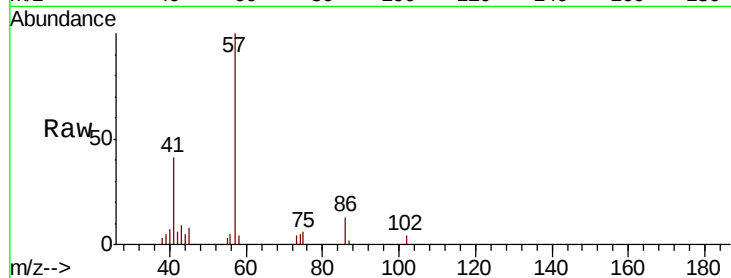




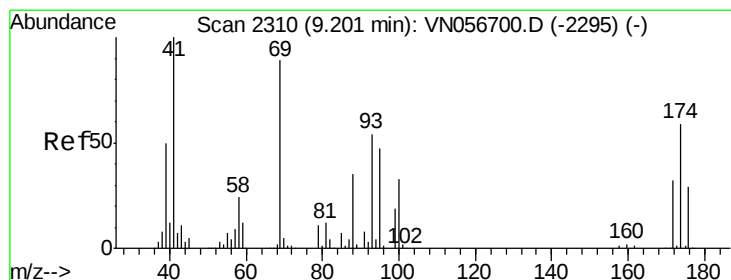
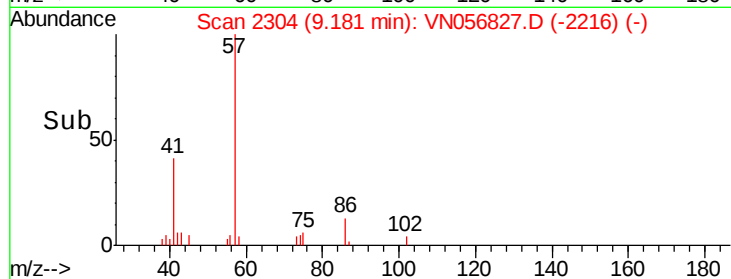
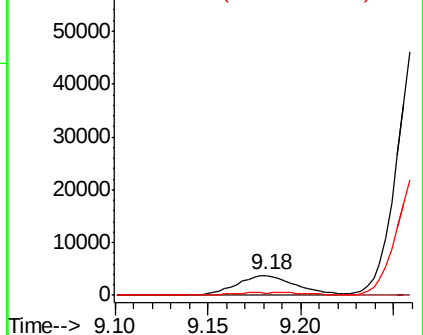
#48
Methyl methacrylate
Concen: 2.665 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

Tot Ion: 41 Resp: 8285
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#

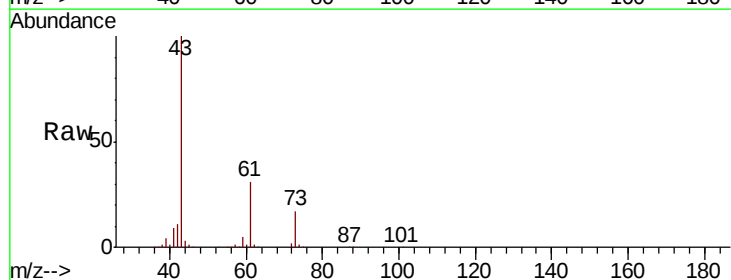


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

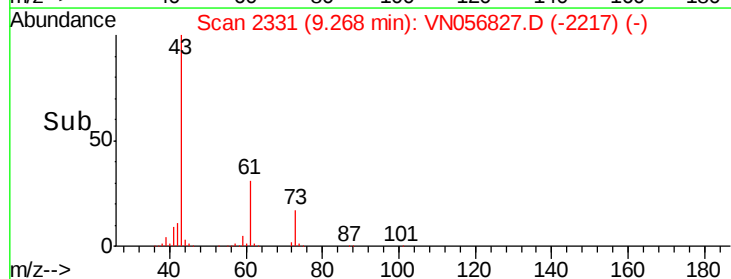
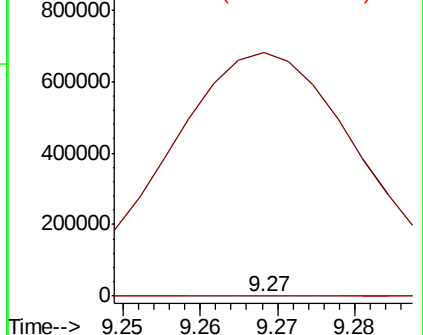


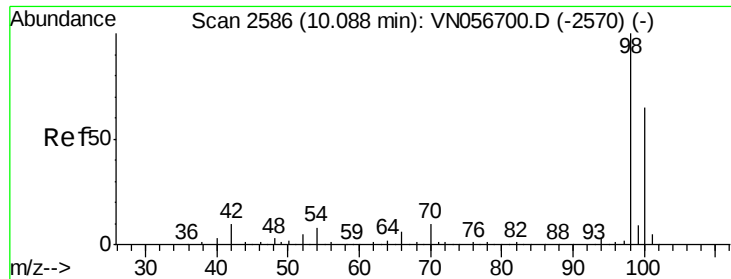
#49
1,4-Dioxane
Concen: 1.489 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 1344461.1 23.7 35.5#
58 6004.2 55.6 83.4#



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: 53.788 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

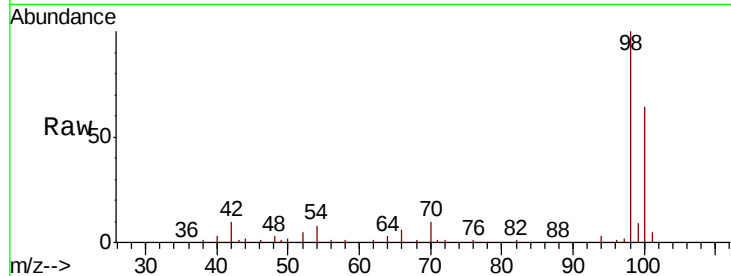
PB121463ZHE#12

Tot Ion: 98 Resp: 579609

Ion Ratio Lower Upper

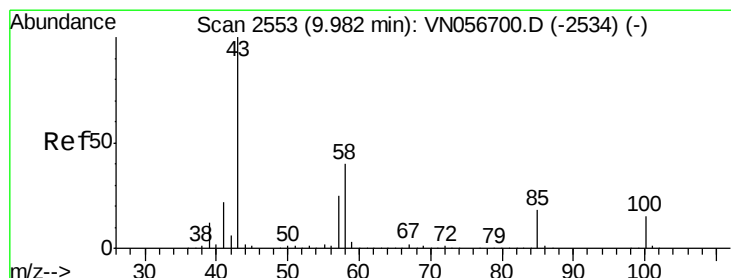
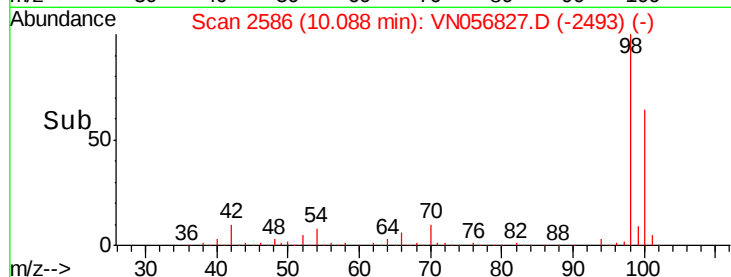
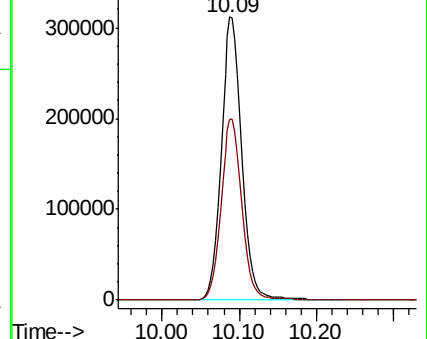
98 100

100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.999 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056827.D

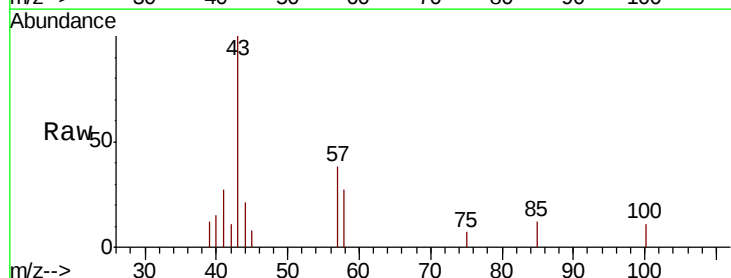
Acq: 19 Jul 2019 13:21

Tgt Ion: 43 Resp: 4161

Ion Ratio Lower Upper

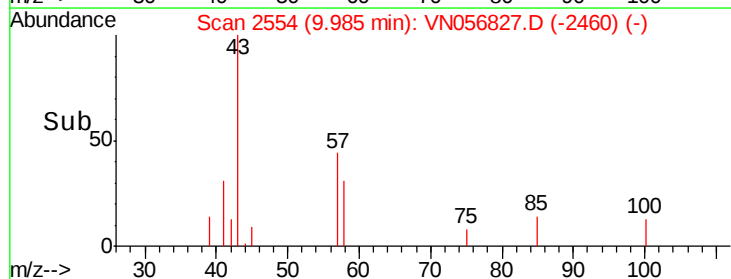
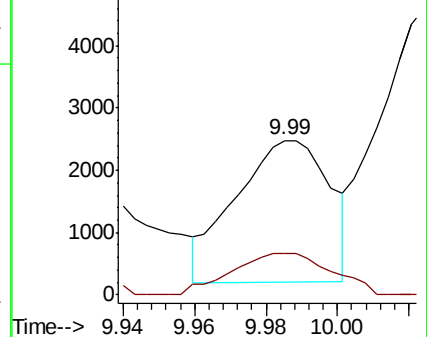
43 100

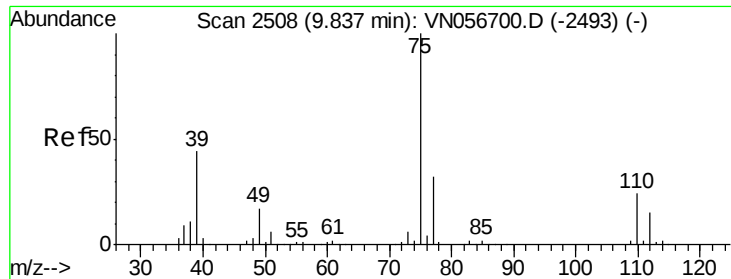
58 31.1 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



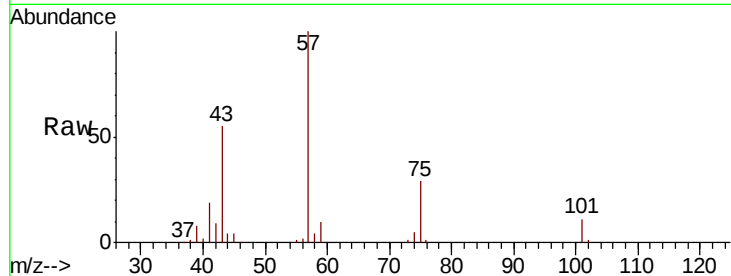


#54

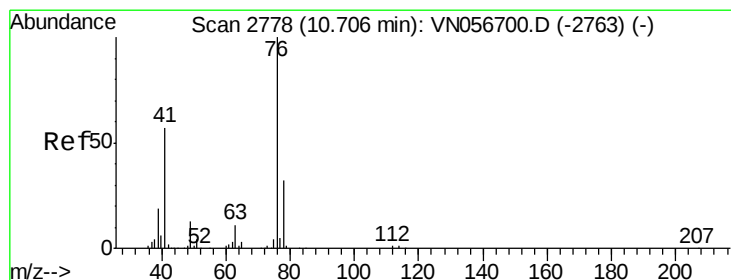
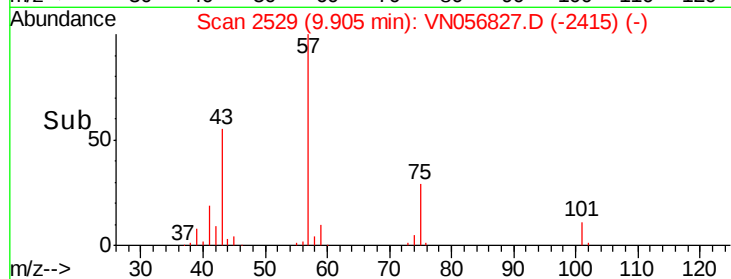
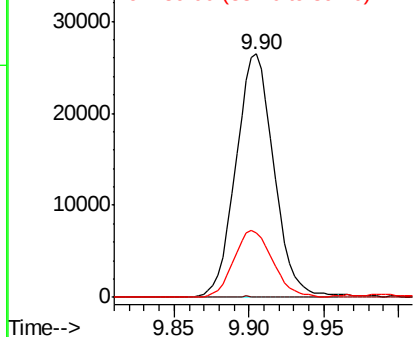
cis-1,3-Dichloropropene
 Concen: 9.710 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#12

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#
39	26.5	35.1	52.7#



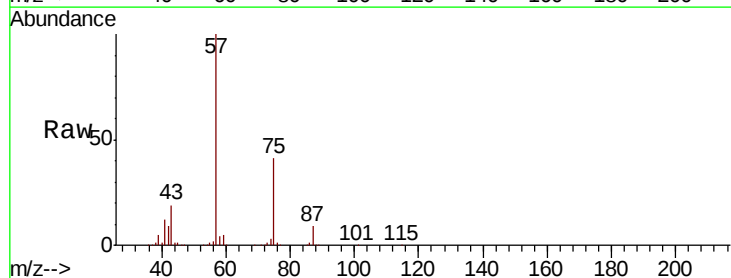
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



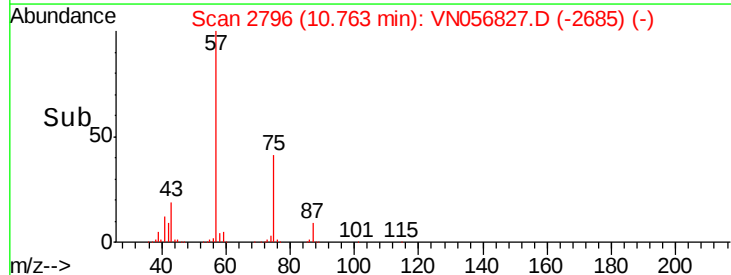
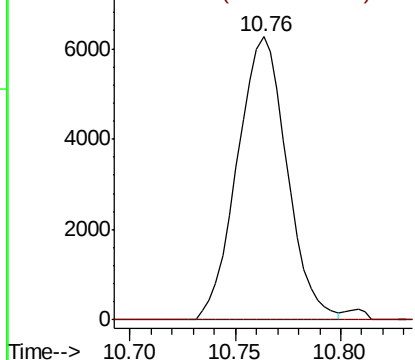
#57

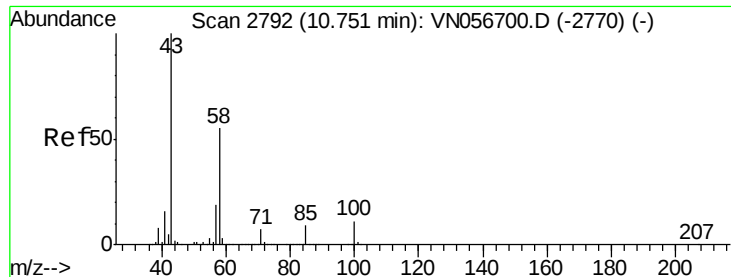
1,3-Dichloropropane
 Concen: 1.985 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056827.D
 Acq: 19 Jul 2019 13:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



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

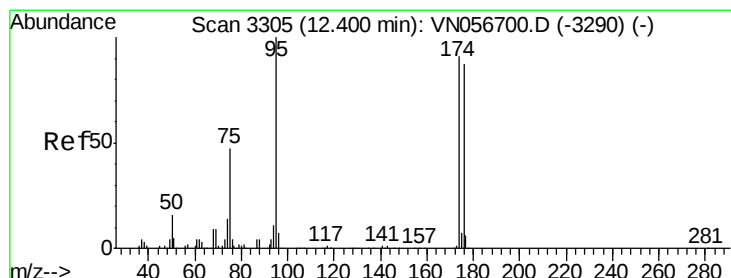
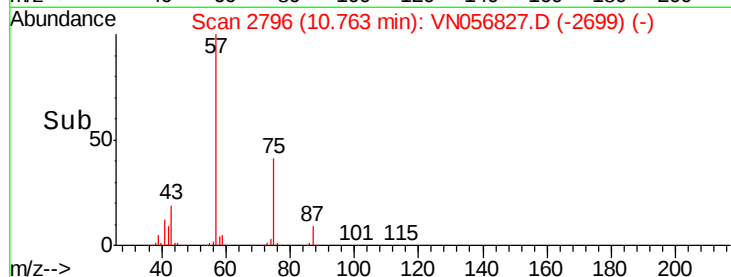
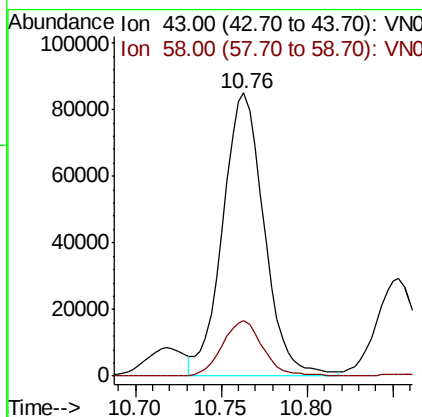
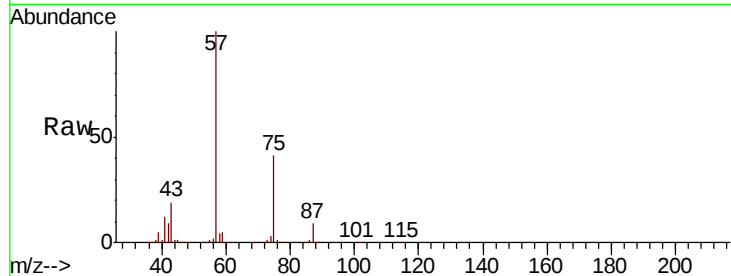




#59
2-Hexanone
Concen: 47.379 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

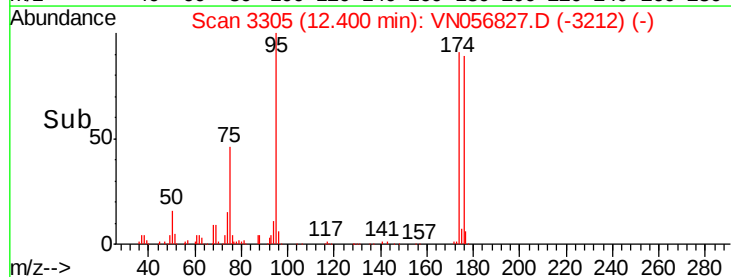
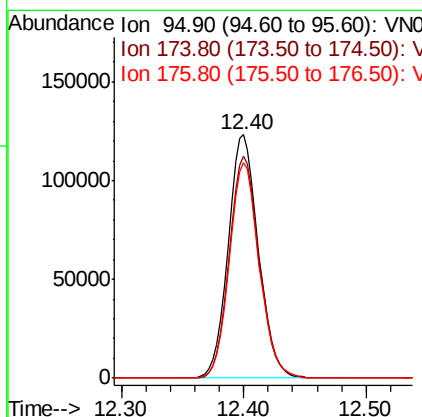
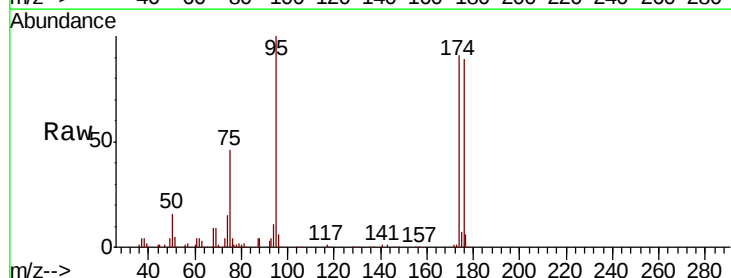
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

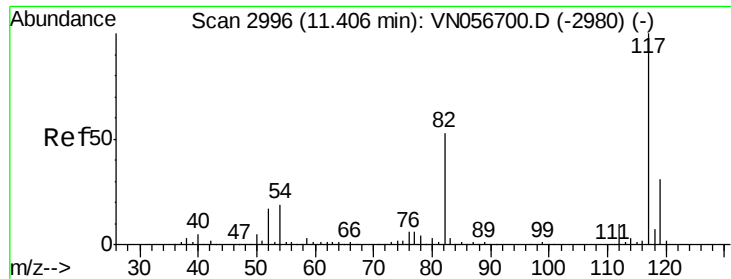
Tot Ion: 43 Resp: 141540
Ion Ratio Lower Upper
43 100
58 19.8 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 58.408 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion: 95 Resp: 212253
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.0
176 87.7 0.0 173.2

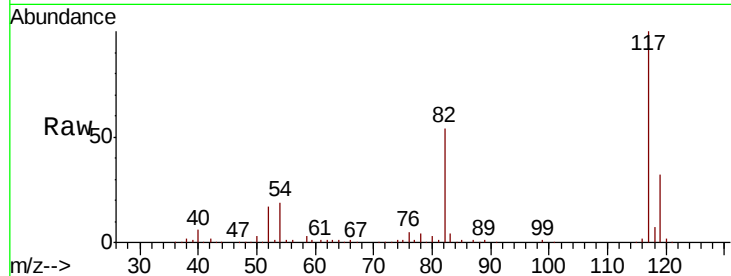




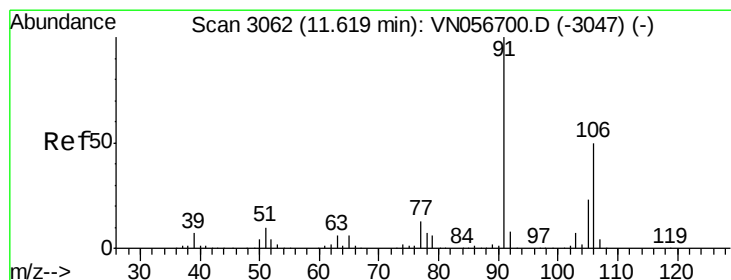
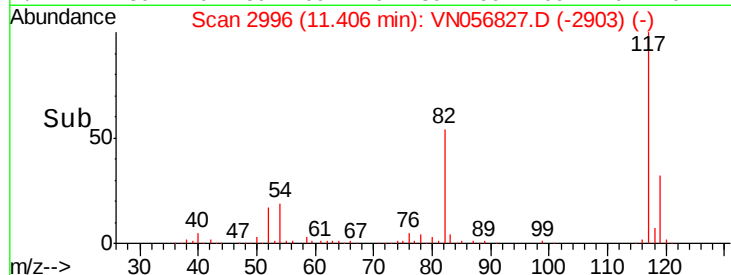
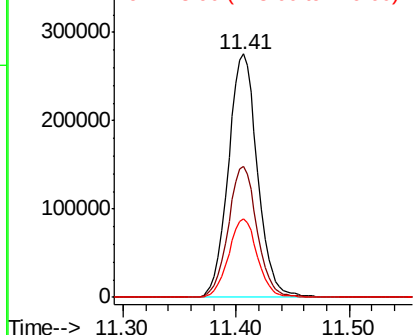
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

Tot Ion:117 Resp: 492997
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 32.3 25.2 37.8

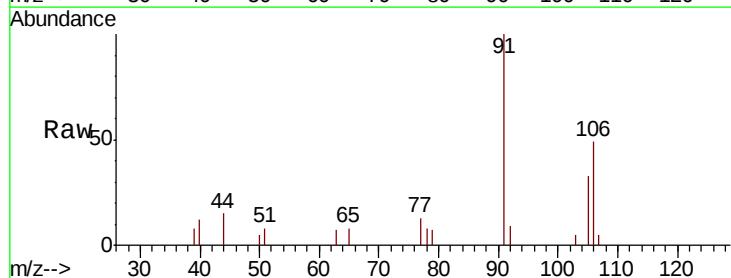


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

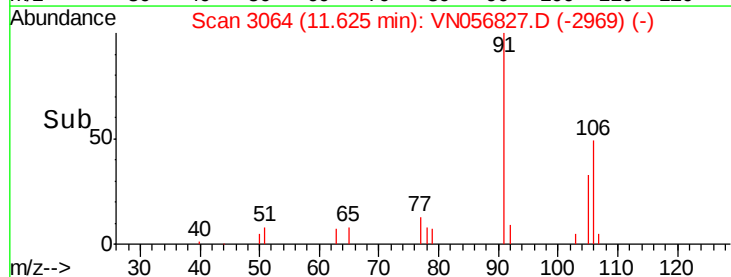
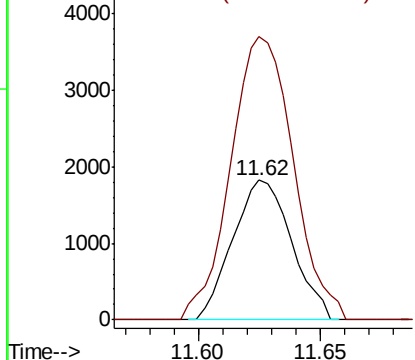


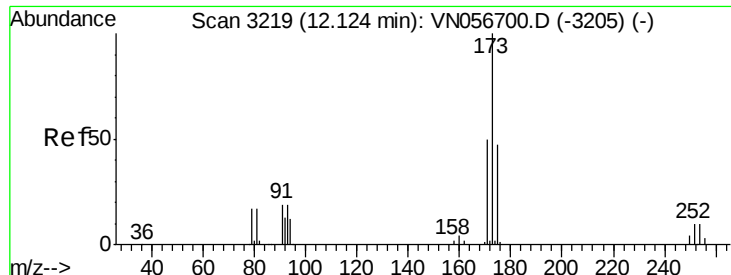
#68
m/p-Xylenes
Concen: 0.461 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion:106 Resp: 3052
Ion Ratio Lower Upper
106 100
91 215.7 160.5 240.7



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

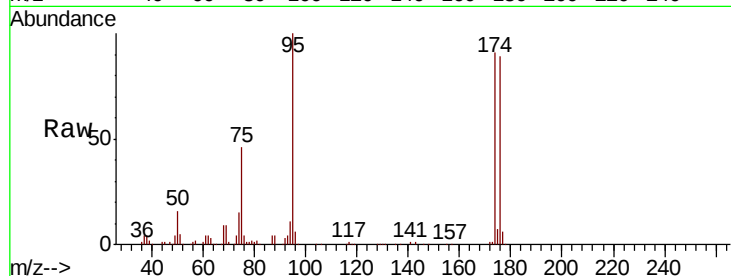




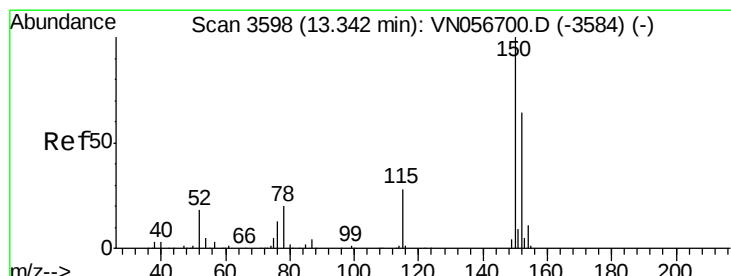
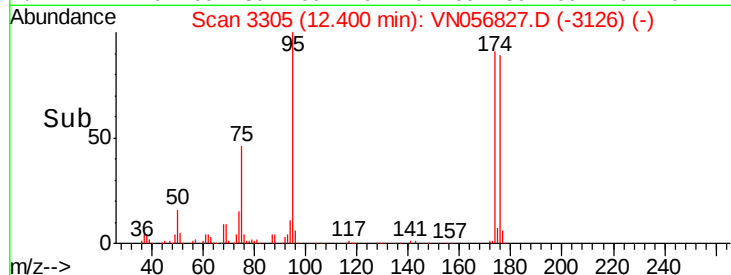
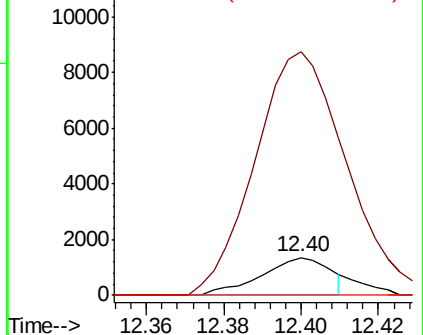
#71
Bromoform
Concen: 0.594 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#12

Tot Ion:173 Resp: 1678
Ion Ratio Lower Upper
173 100
175 711.9 23.8 71.4#
254 0.0 0.0 0.0

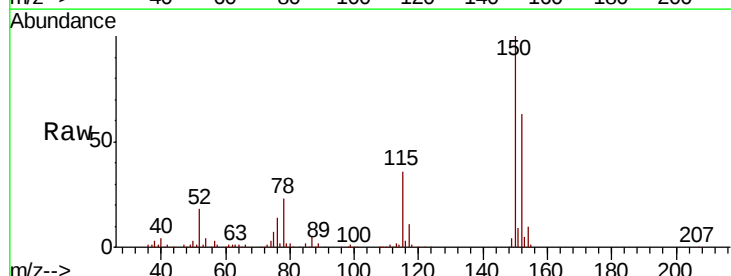


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

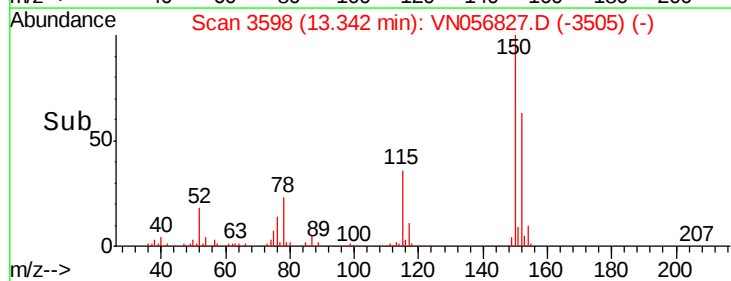
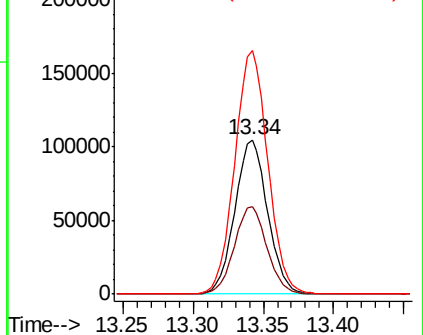


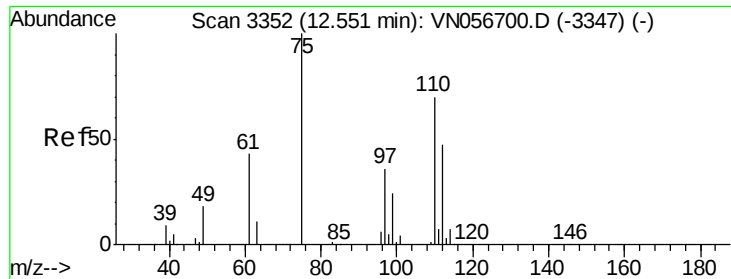
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056827.D
Acq: 19 Jul 2019 13:21

Tgt Ion:152 Resp: 170689
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 159.2 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





#76

1,2,3-Trichloropropane

Concen: 25.864 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

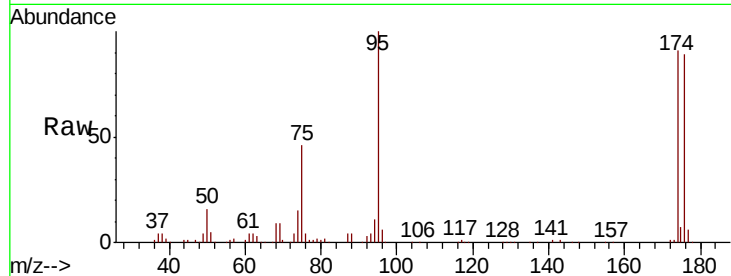
PB121463ZHE#12

Tot Ion: 75 Resp: 96558

Ion Ratio Lower Upper

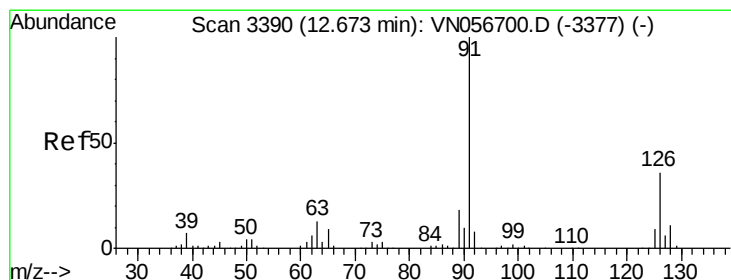
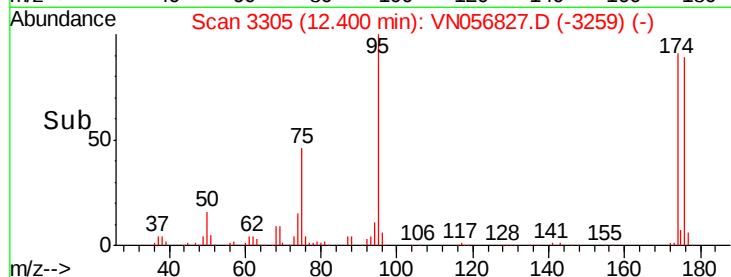
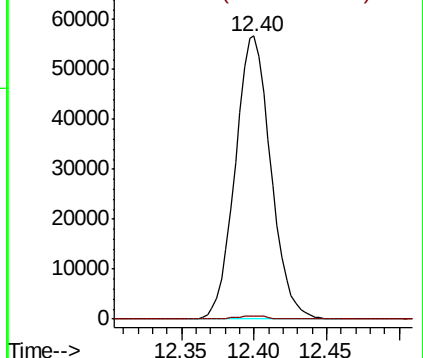
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3368

Delta R.T. -0.07 min

Lab File: VN056827.D

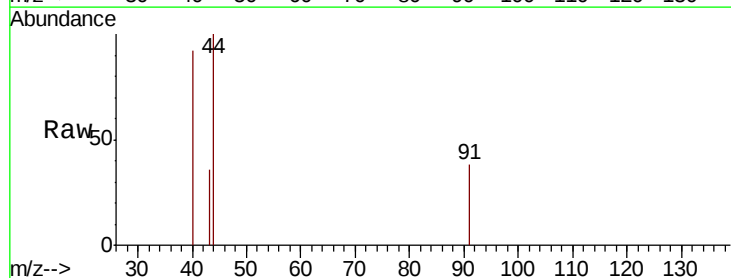
Acq: 19 Jul 2019 13:21

Tgt Ion: 91 Resp: 99

Ion Ratio Lower Upper

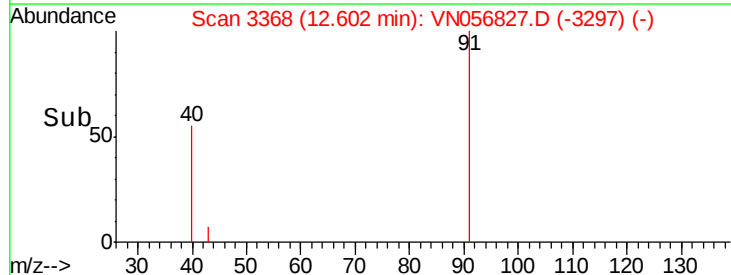
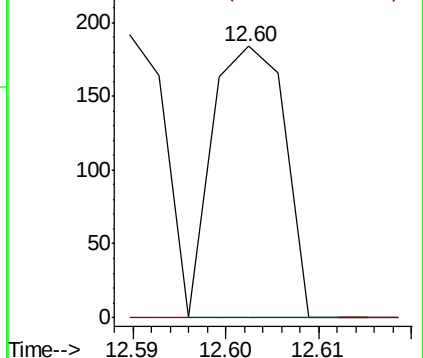
91 100

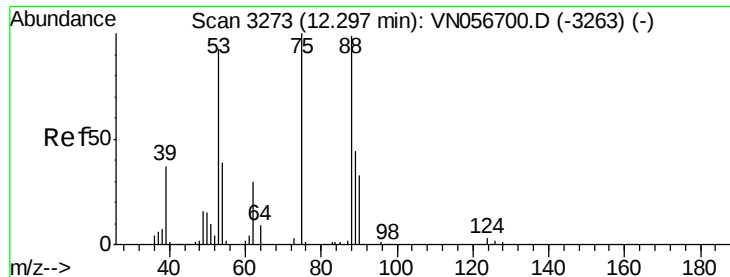
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 79.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#12

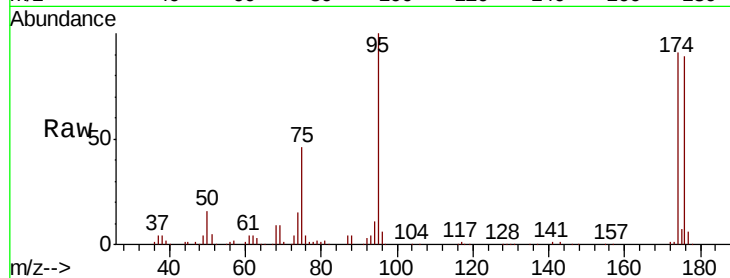
Tot Ion: 75 Resp: 96558

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

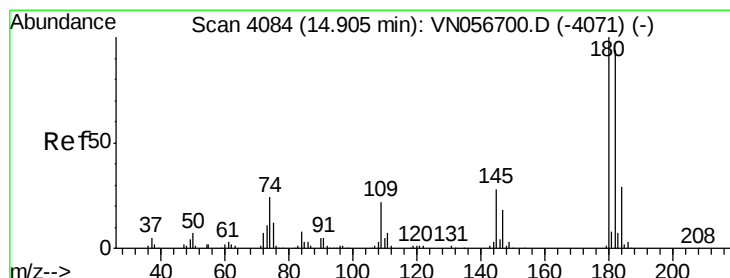
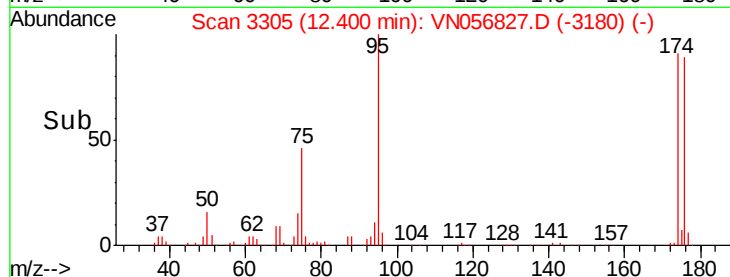
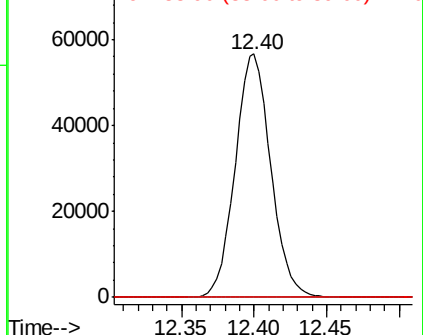
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 3.784 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

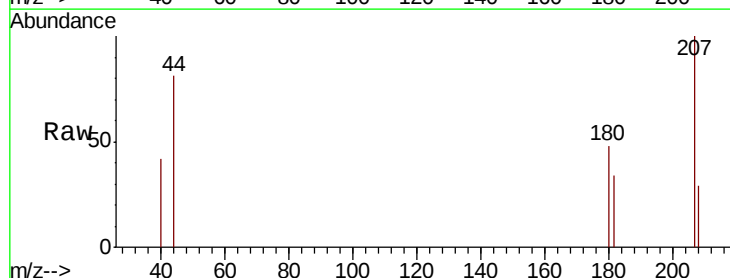
Tgt Ion: 180 Resp: 335

Ion Ratio Lower Upper

180 100

182 103.0 47.2 141.6

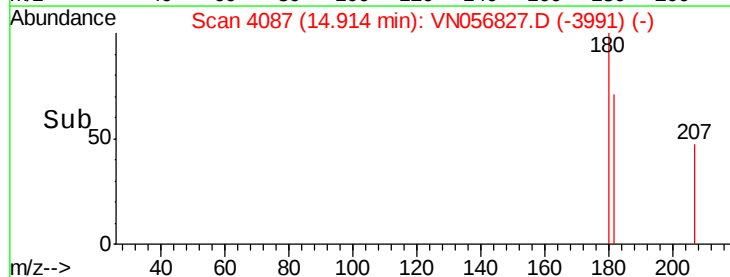
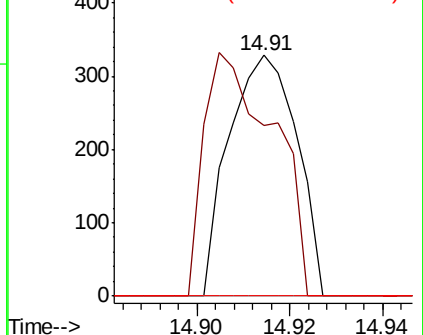
145 0.0 14.2 42.8#

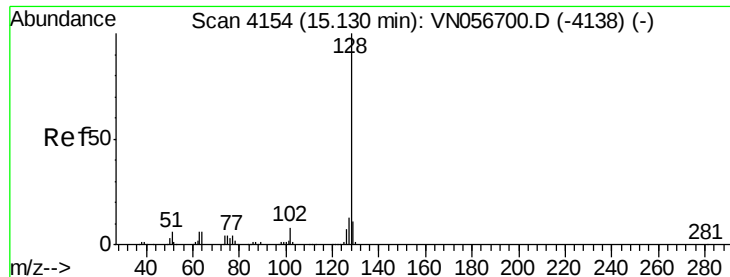


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.637 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#12

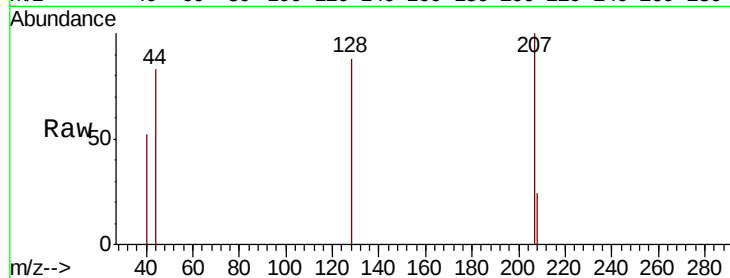
Tot Ion:128 Resp: 1122

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



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

15.13

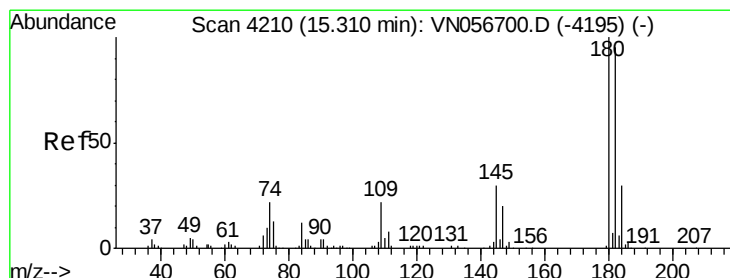
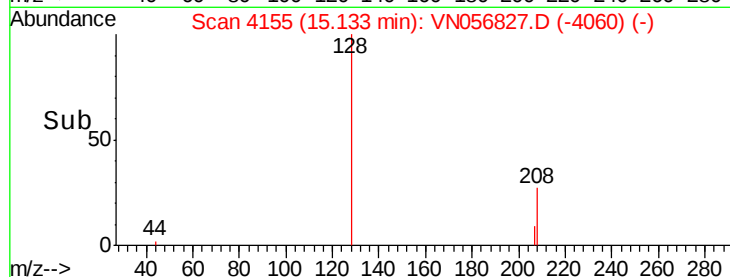
600

400

200

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.400 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN056827.D

Acq: 19 Jul 2019 13:21

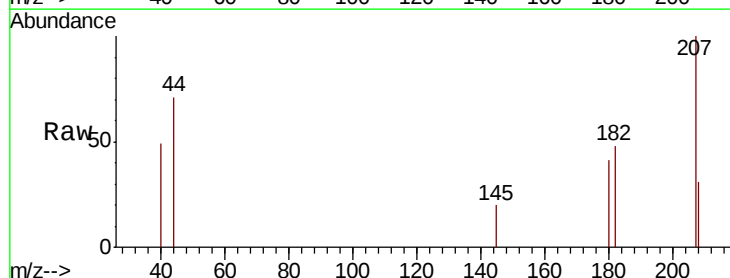
Tgt Ion:180 Resp: 275

Ion Ratio Lower Upper

180 100

182 180.0 47.1 141.3#

145 22.2 15.0 45.1



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

15.31

400

300

200

100

0

Time-->

