

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054521.D
 Acq On : 21 Mar 2019 19:50
 Operator : JC/SP
 Sample : K1965-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Quant Time: Mar 22 10:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	412162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	743395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	767497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	276189	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.59	113	232839	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.09	98	958360	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.40	95	361239	58.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.92%	

Target Compounds

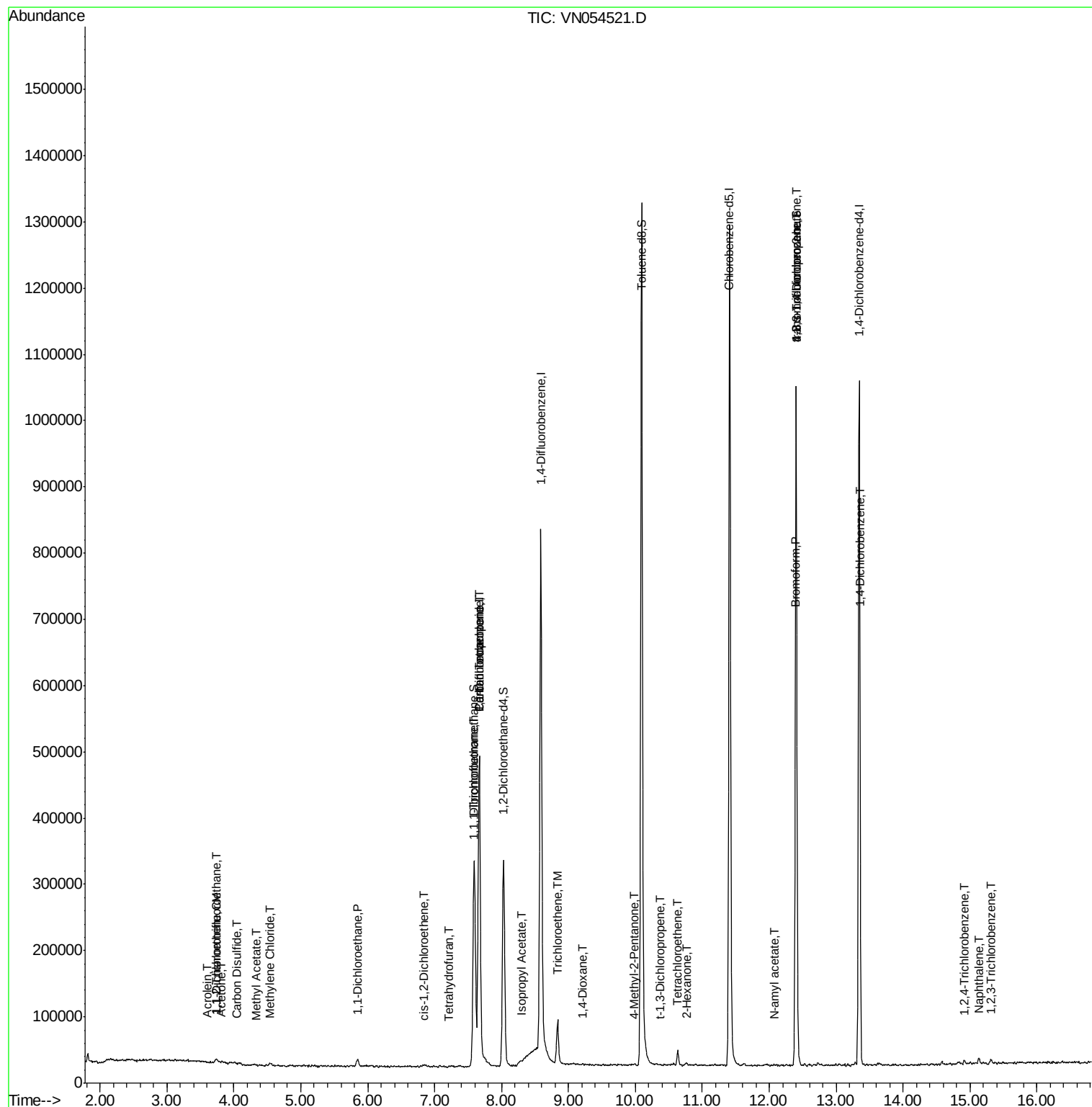
						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1177	0.306	ug/l #	74
12) 1,1-Dichloroethene	3.74	96	2677	0.673	ug/l #	79
13) Acrolein	3.60	56	425	0.992	ug/l	98
16) Acetone	3.82	43	1624	1.054	ug/l #	74
17) Carbon Disulfide	4.04	76	2637	0.248	ug/l #	74
18) Methyl Acetate	4.33	43	794	0.231	ug/l #	74
20) Methylene Chloride	4.55	84	1504	0.331	ug/l	87
24) 1,1-Dichloroethane	5.85	63	14793	1.861	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1342	0.277	ug/l	85
29) Tetrahydrofuran	7.21	42	305	0.238	ug/l #	30
31) Cyclohexane	7.66	56	4428	Below Cal	#	31
32) 1,1,1-Trichloroethane	7.57	97	8948	1.398	ug/l #	41
36) 1,1-Dichloropropene	7.67	75	28756	4.137	ug/l #	48
38) Carbon Tetrachloride	7.67	117	37250	5.515	ug/l #	15
43) Isopropyl Acetate	8.31	43	13518	1.619	ug/l #	60
44) Trichloroethene	8.83	130	24277	4.393	ug/l	90
49) 1,4-Dioxane	9.21	88	756	14.923	ug/l #	46
51) 4-Methyl-2-Pentanone	10.00	43	1688	0.365	ug/l #	87
53) t-1,3-Dichloropropene	10.38	75	61	2.240	ug/l #	1
59) 2-Hexanone	10.76	43	2420	0.801	ug/l	93
64) Tetrachloroethene	10.63	164	5032	0.790	ug/l	94
71) Bromoform	12.38	173	109	2.247	ug/l #	1
74) N-aryl acetate	12.07	43	1525	0.233	ug/l #	61
76) 1,2,3-Trichloropropane	12.40	75	186383	41.648	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	186383	137.639	ug/l #	11
88) 1,4-Dichlorobenzene	13.36	146	2304	0.254	ug/l #	68
93) 1,2,4-Trichlorobenzene	14.91	180	1961	0.435	ug/l	97
94) Hexachlorobutadiene	15.00	225	708	Below Cal		81
95) Naphthalene	15.14	128	7133	0.709	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2406	0.536	ug/l	93

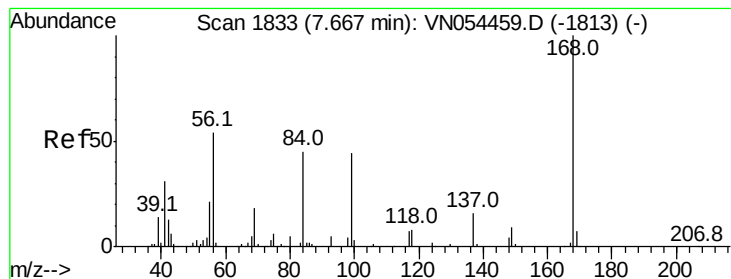
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

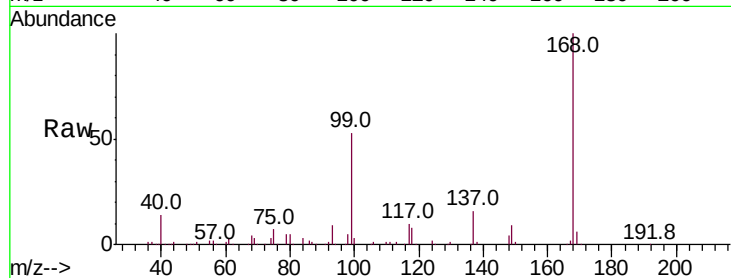
BPS1-TT-MW30211-20190315

Tot Ion:168 Resp: 412162

Ion Ratio Lower Upper

168 100

99 52.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

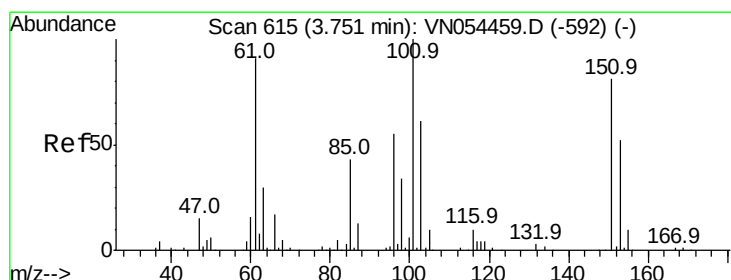
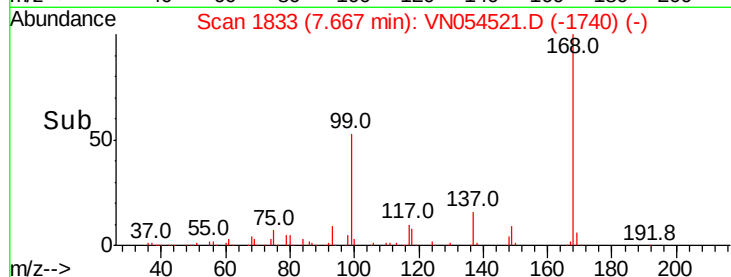
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.306 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

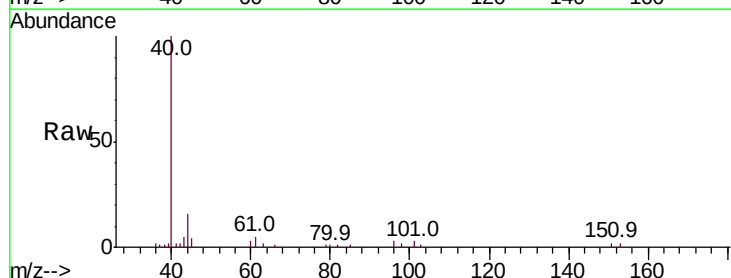
Tgt Ion:101 Resp: 1177

Ion Ratio Lower Upper

101 100

85 29.0 32.4 48.6#

151 58.5 68.2 102.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.75

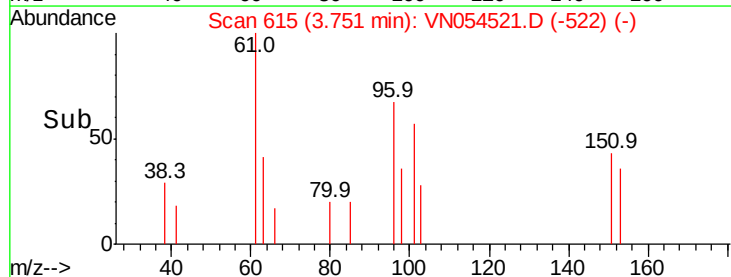
600

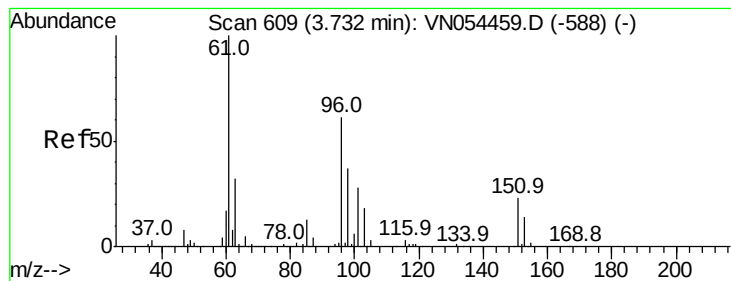
400

200

0

Time--> 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 0.673 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

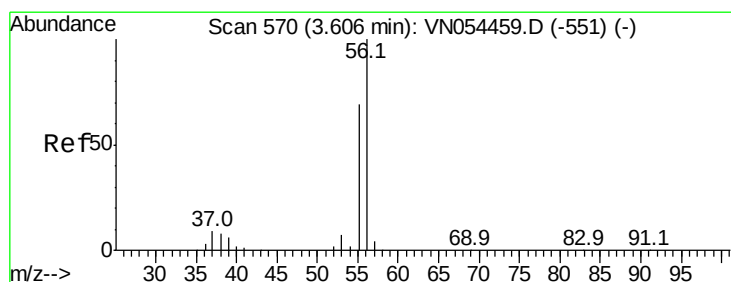
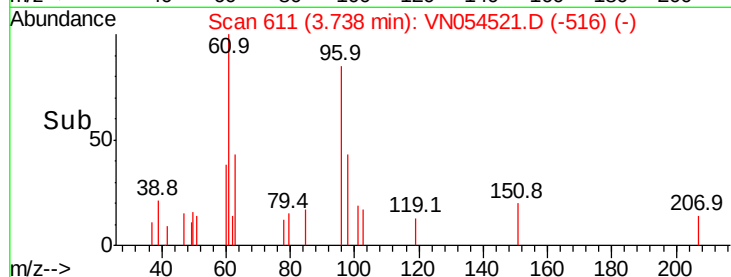
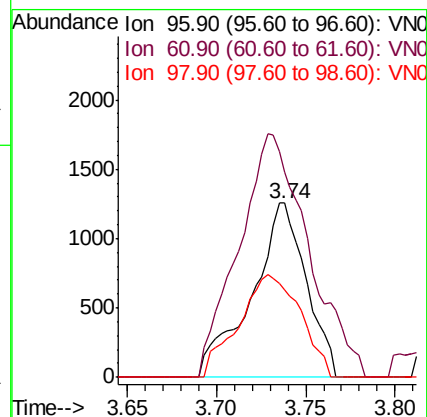
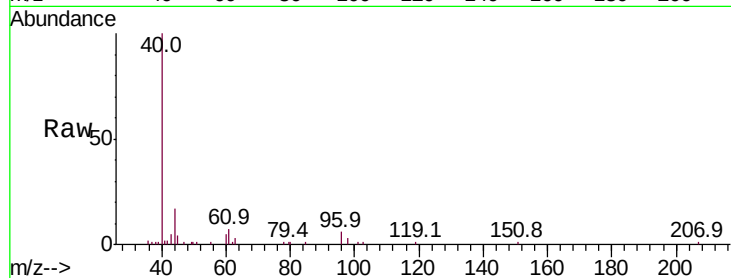
Tot Ion: 96 Resp: 2677

Ion Ratio Lower Upper

96 100

61 117.4 116.5 174.7

98 50.2 51.0 76.4#



#13

Acrolein

Concen: 0.992 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054521.D

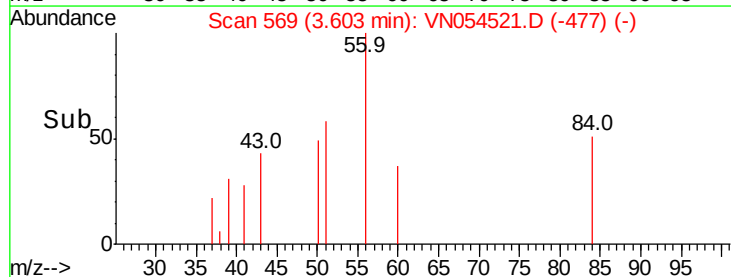
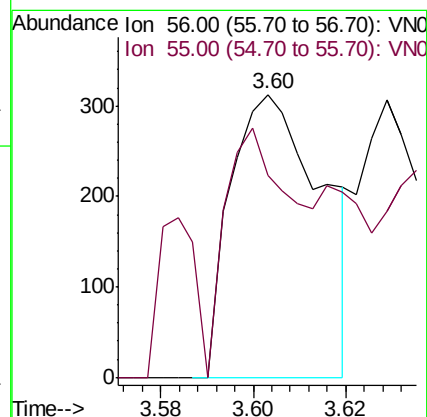
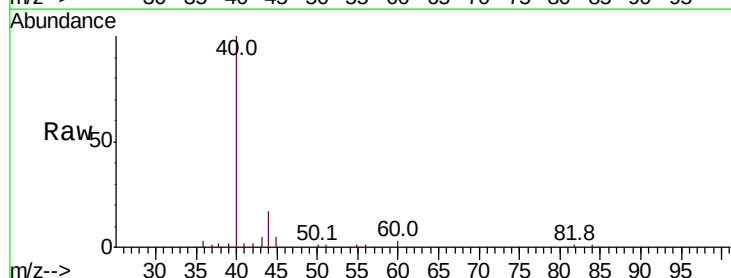
Acq: 21 Mar 2019 19:50

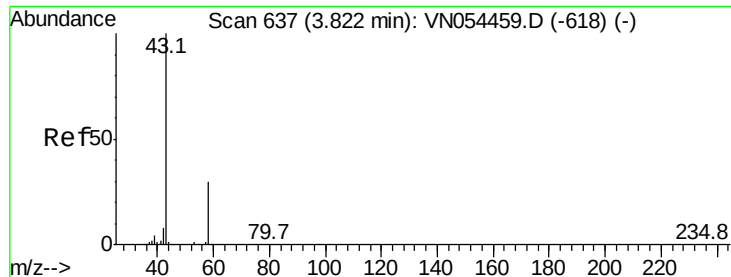
Tgt Ion: 56 Resp: 425

Ion Ratio Lower Upper

56 100

55 68.9 56.7 85.1





#16

Acetone

Concen: 1.054 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

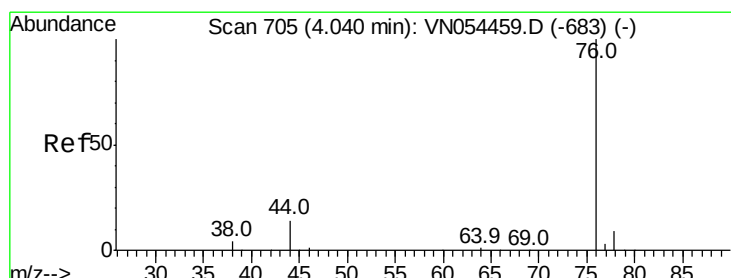
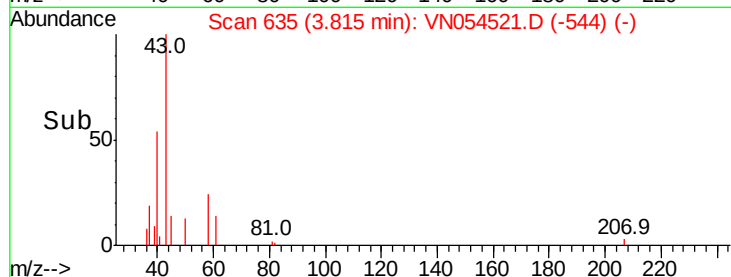
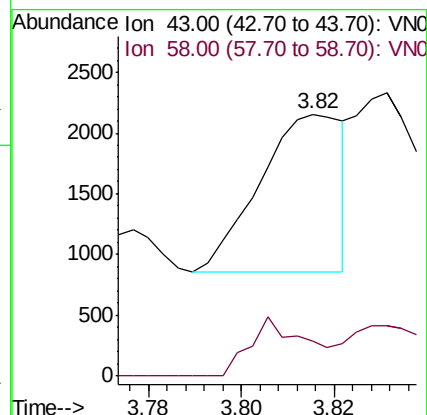
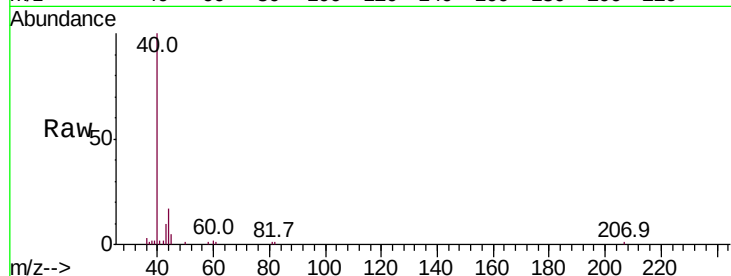
BPS1-TT-MW30211-20190315

Tot Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

58 22.0 29.9 44.9#



#17

Carbon Disulfide

Concen: 0.248 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054521.D

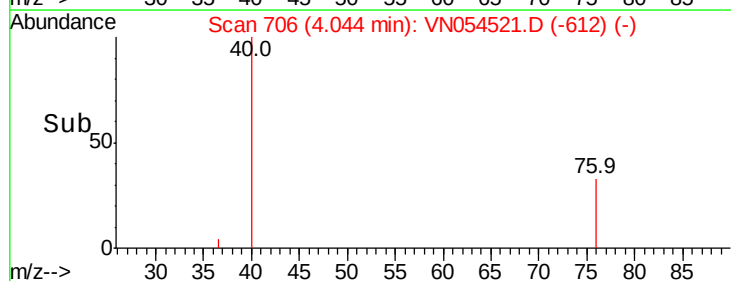
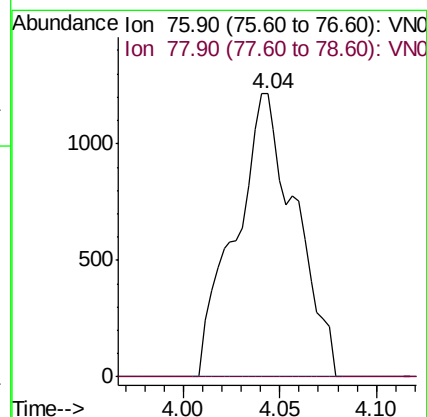
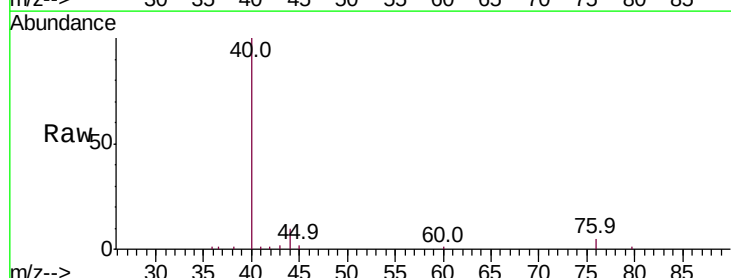
Acq: 21 Mar 2019 19:50

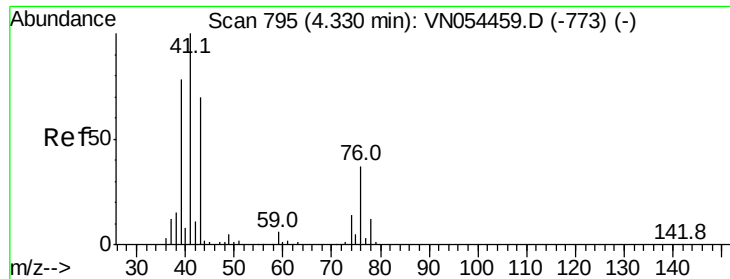
Tgt Ion: 76 Resp: 2637

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

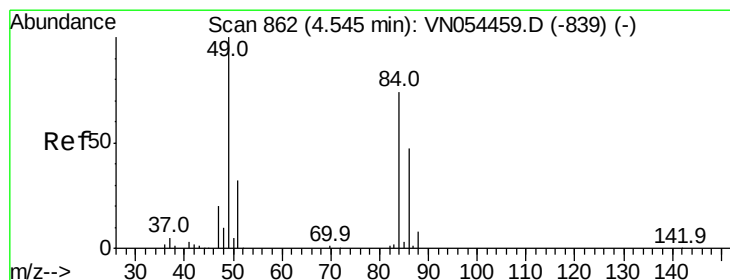
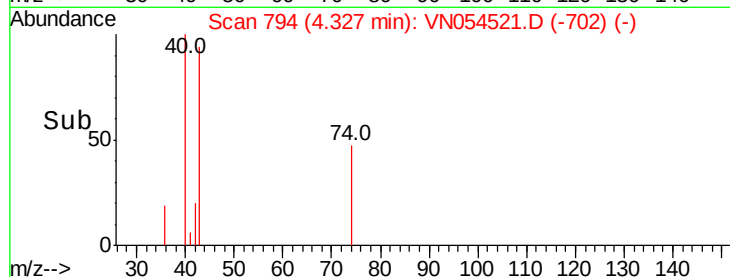
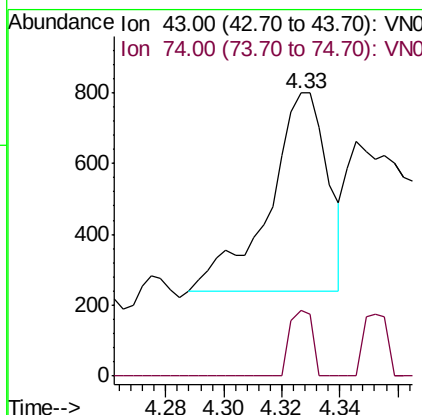
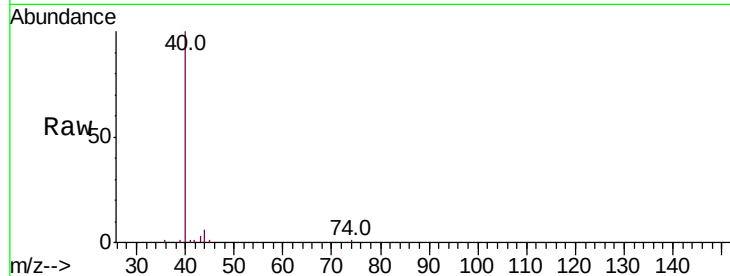




#18
Methvl Acetate
Concen: 0.231 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

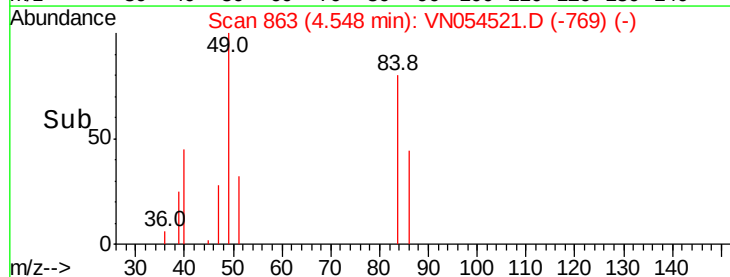
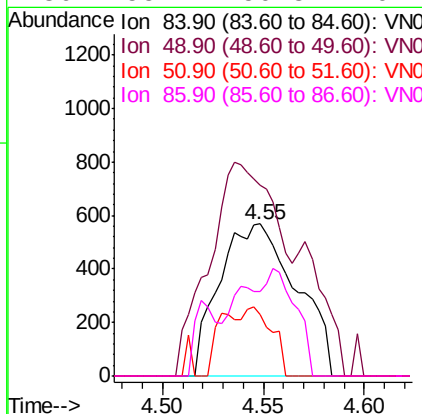
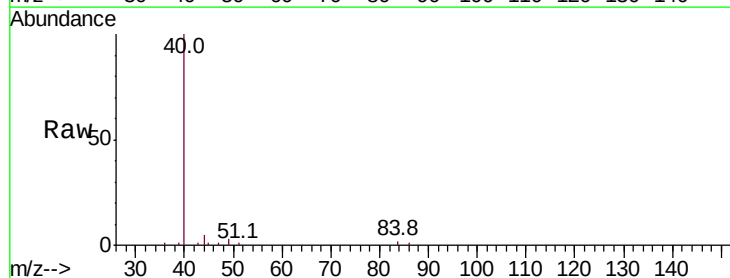
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

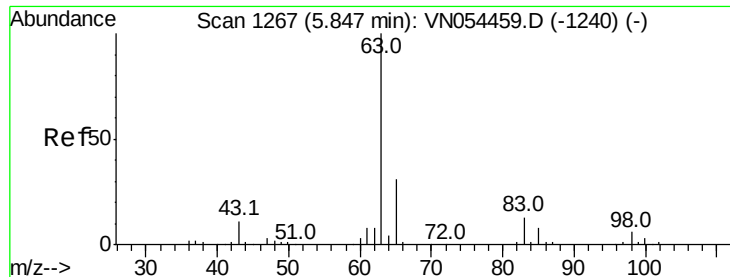
Tot Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 12.6 20.8 31.2#



#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion: 84 Resp: 1504
Ion Ratio Lower Upper
84 100
49 95.6 89.7 134.5
51 40.6 28.2 42.4
86 55.7 50.8 76.2





#24

1,1-Dichloroethane

Concen: 1.861 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

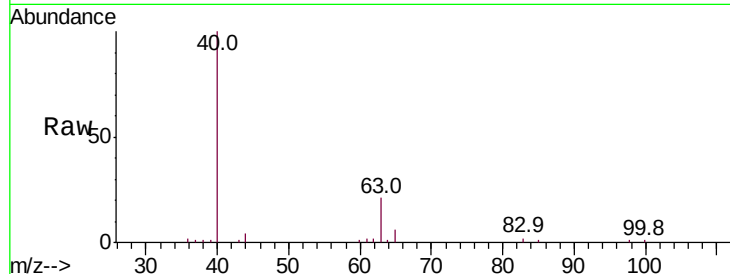
Tot Ion: 63 Resp: 14793

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

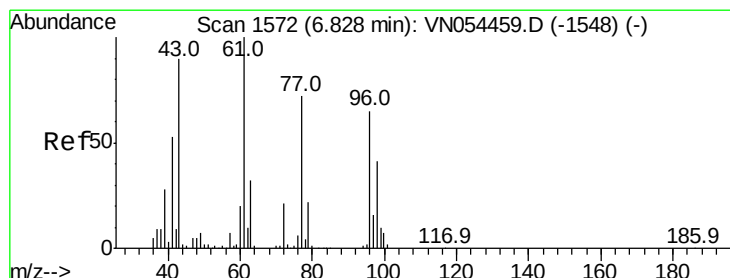
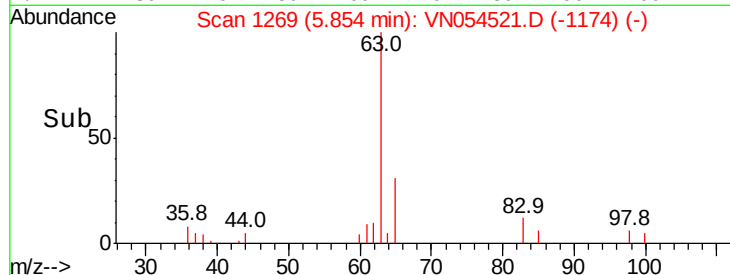
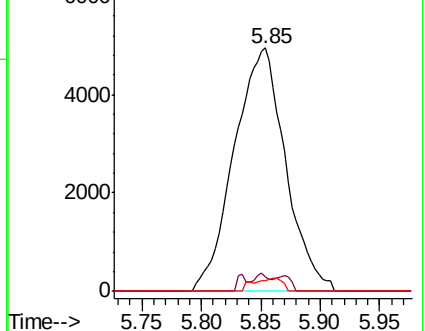
100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.277 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

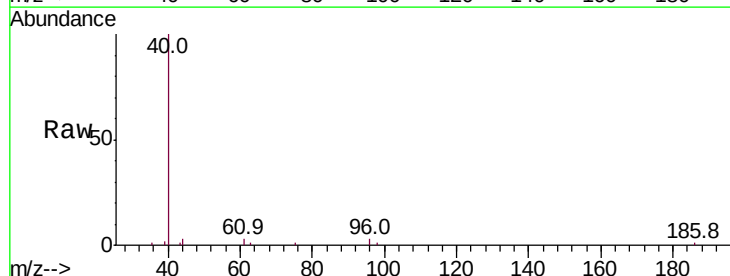
Tgt Ion: 96 Resp: 1342

Ion Ratio Lower Upper

96 100

61 148.7 0.0 273.0

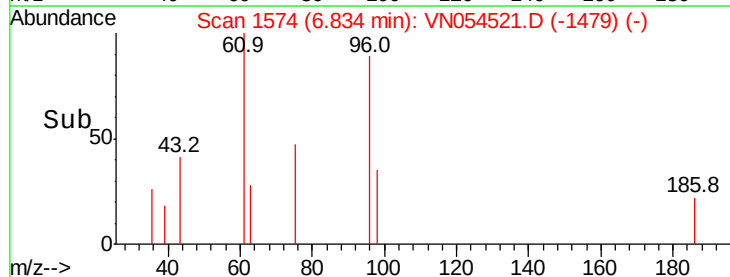
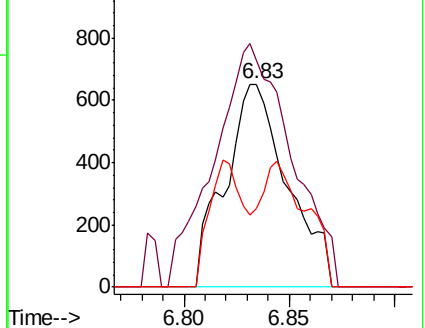
98 45.8 0.0 130.6

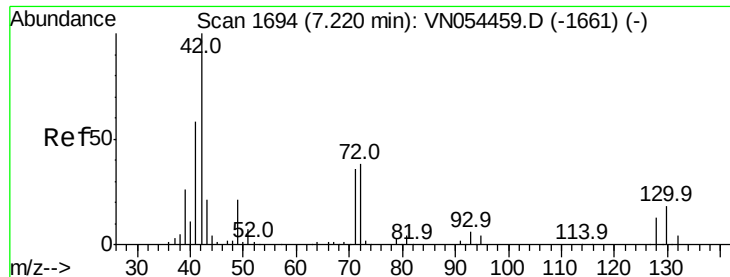


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VN054521.D

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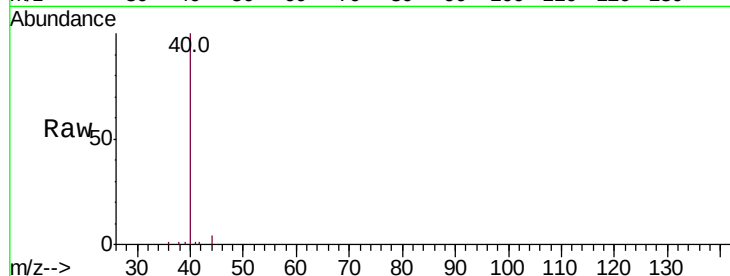
Tot Ion: 42 Resp: 305

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

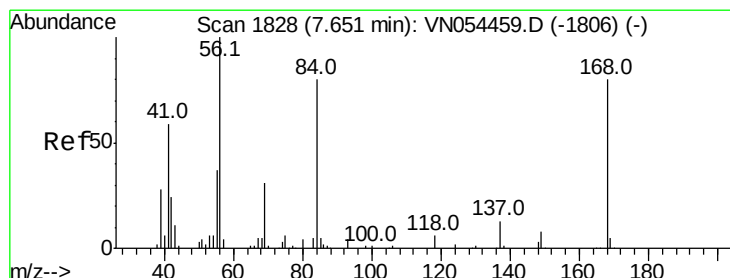
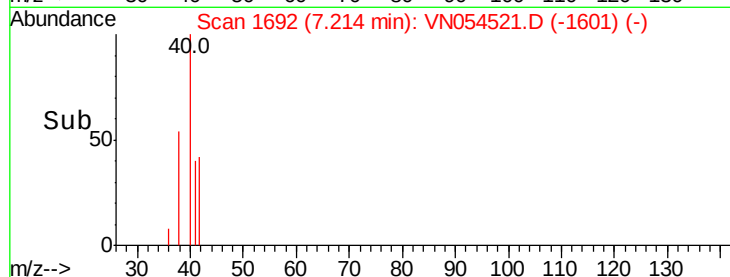
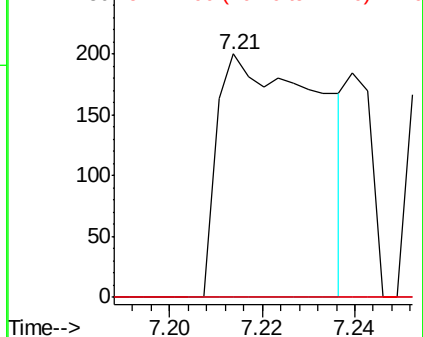
71 0.0 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

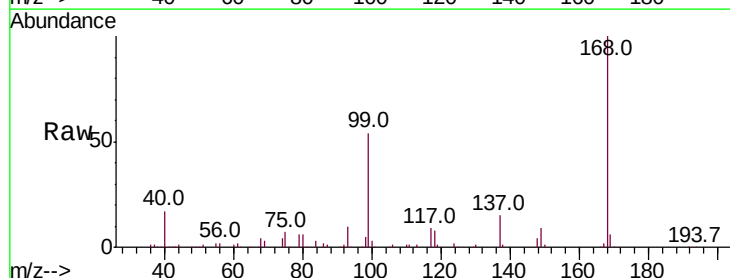
Tgt Ion: 56 Resp: 4428

Ion Ratio Lower Upper

56 100

69 131.1 27.8 41.6#

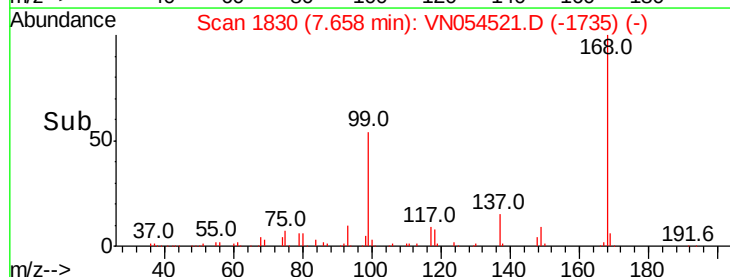
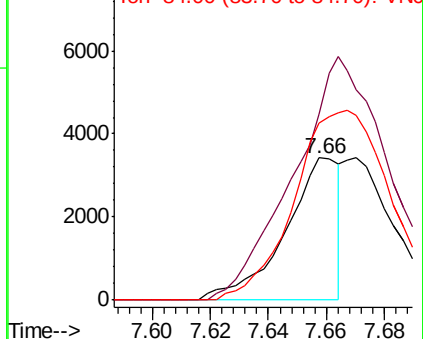
84 124.7 74.6 111.8#

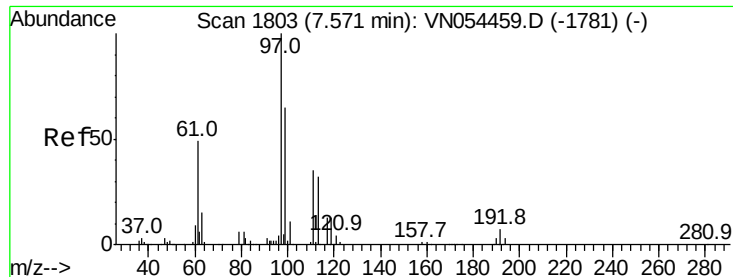


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#32

1,1,1-Trichloroethane

Concen: 1.398 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

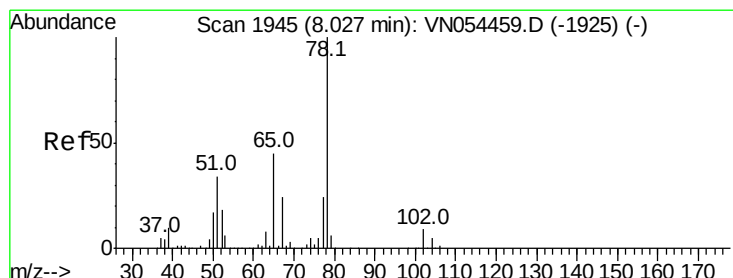
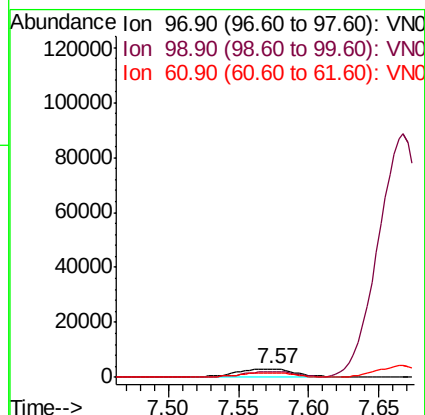
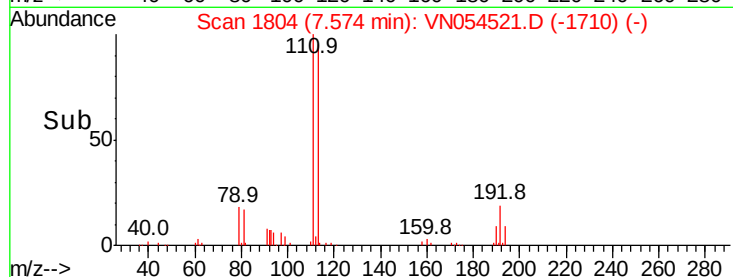
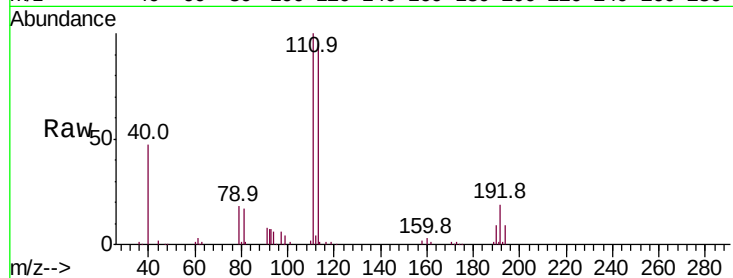
Tot Ion: 97 Resp: 8948

Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 27.4 33.6 50.4#



#33

1,2-Dichloroethane-d4

Concen: 53.873 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054521.D

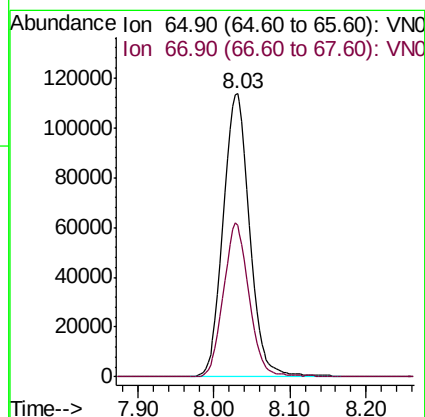
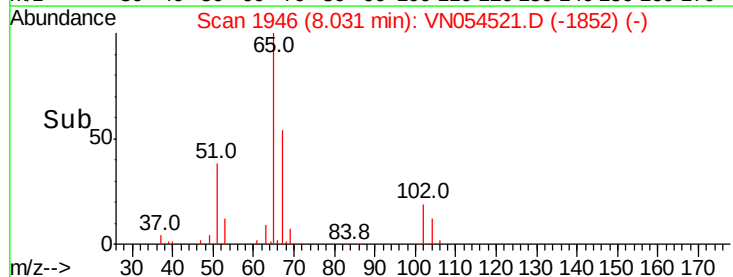
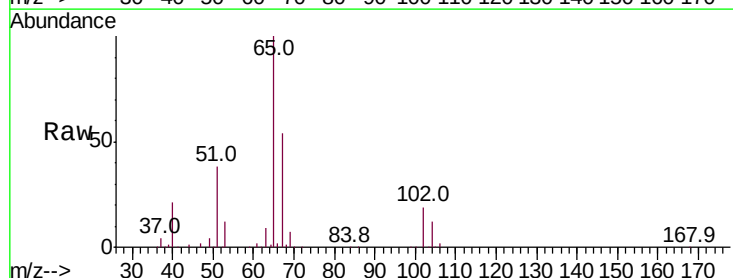
Acq: 21 Mar 2019 19:50

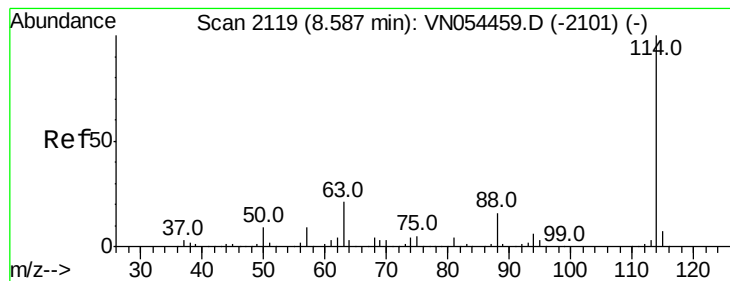
Tgt Ion: 65 Resp: 276189

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

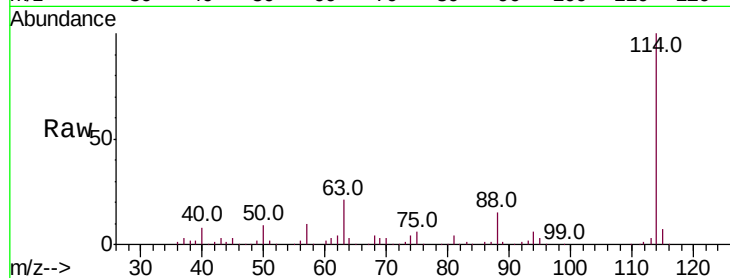
Tot Ion:114 Resp: 743395

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.2

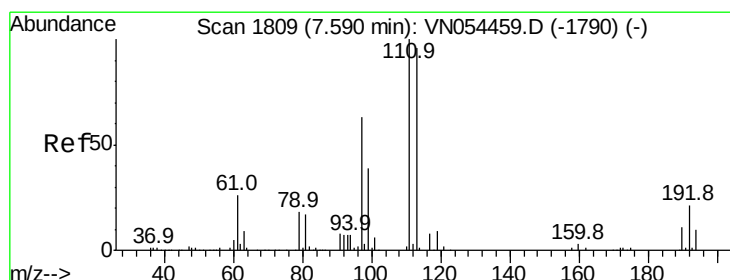
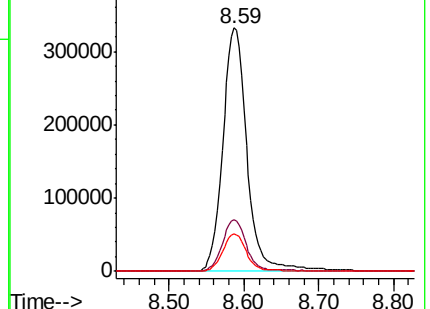
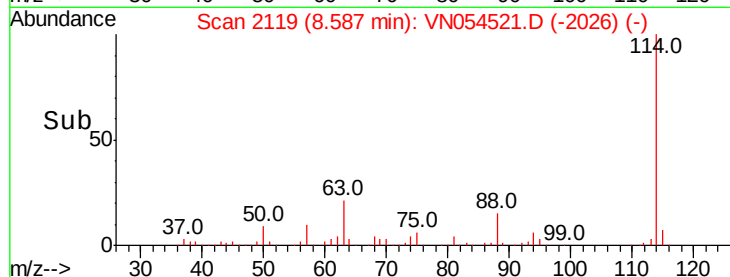
88 15.3 0.0 30.2



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: 48.616 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

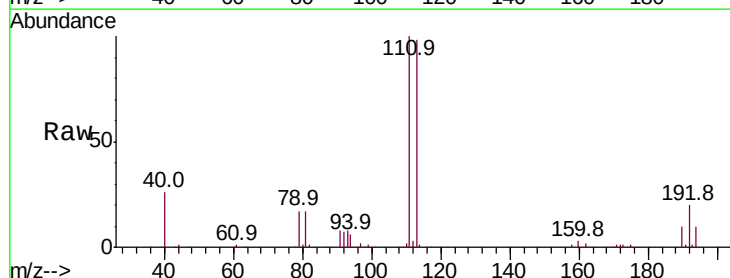
Tgt Ion:113 Resp: 232839

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

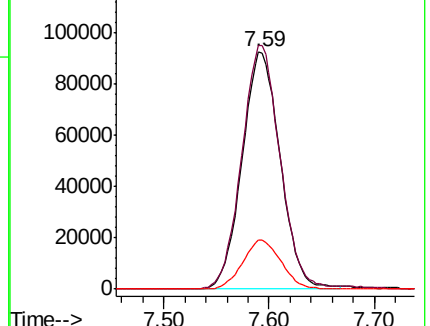
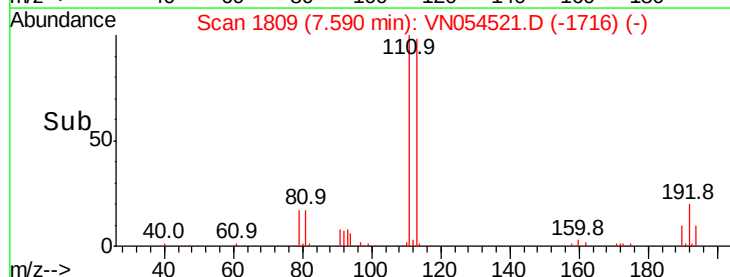
192 20.9 19.2 28.8

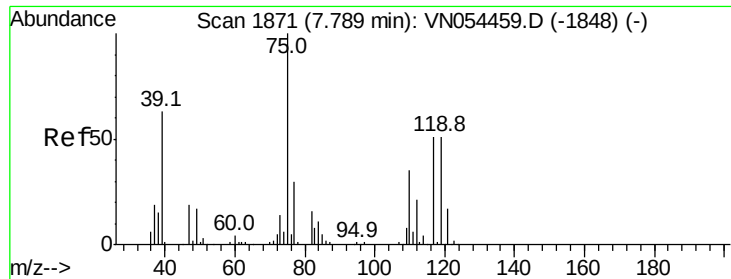


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

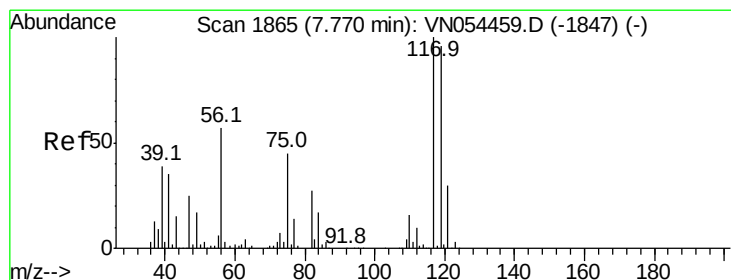
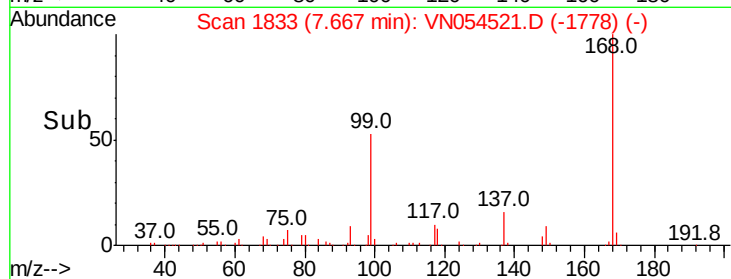
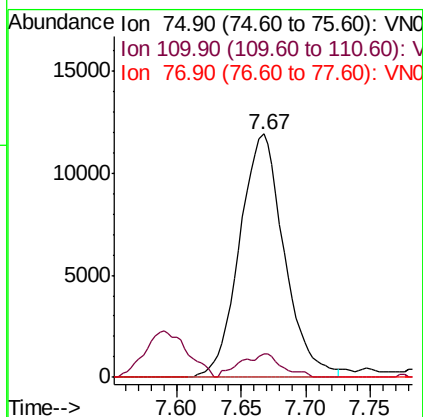
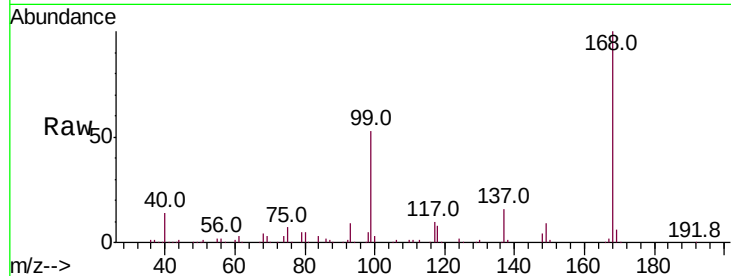




#36
 1,1-Dichloropropene
 Concen: 4.137 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054521.D
 Acq: 21 Mar 2019 19:50

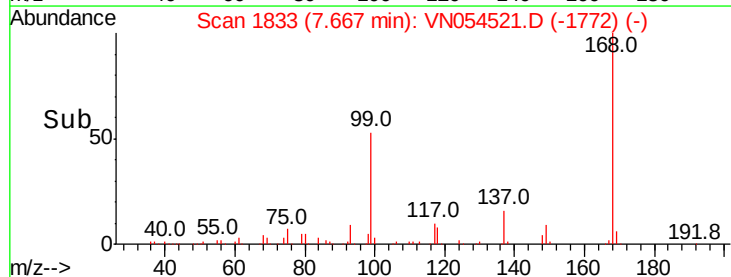
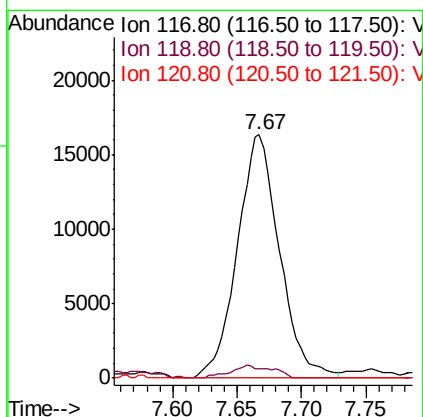
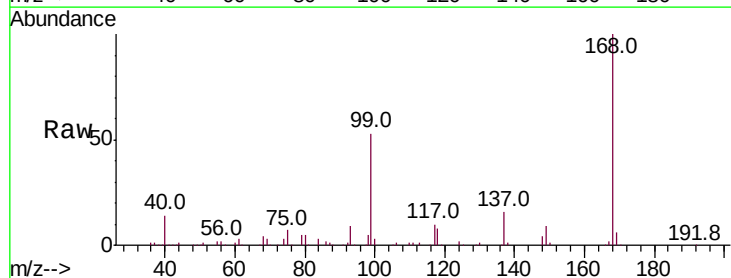
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315

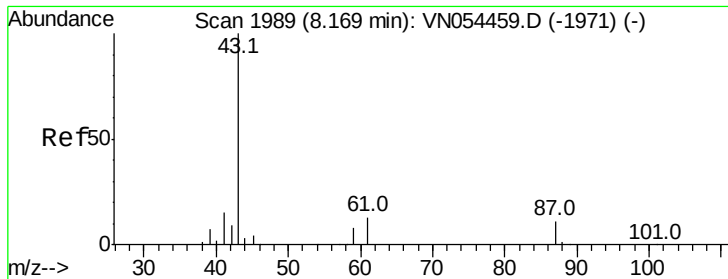
Tot Ion	75	Resp	28756
Ion Ratio	Lower	Upper	
75	100		
110	9.0	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.515 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN054521.D
 Acq: 21 Mar 2019 19:50

Tgt Ion	117	Resp	37250
Ion Ratio	Lower	Upper	
117	100		
119	3.8	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.619 ug/l

RT: 8.31 min Scan# 2032

Delta R.T. 0.14 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

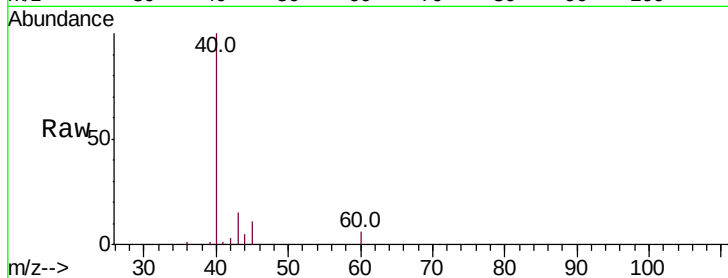
Tot Ion: 43 Resp: 13518

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

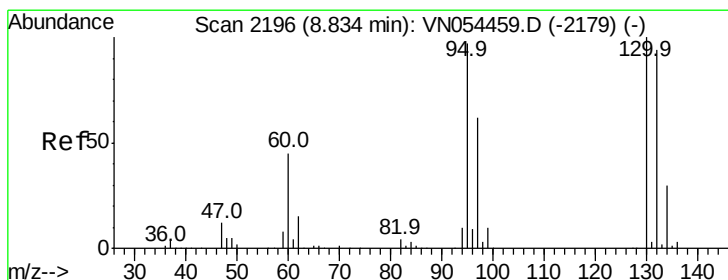
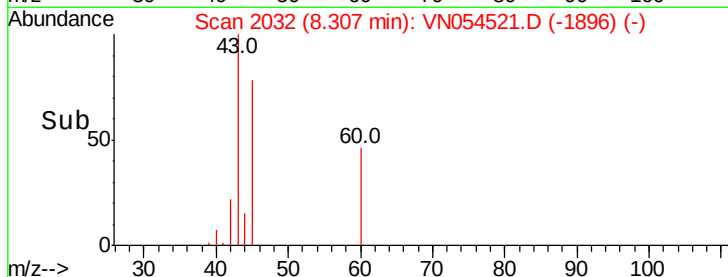
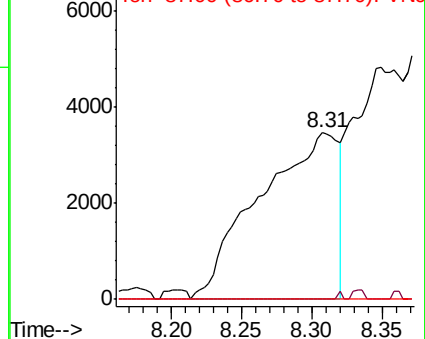
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#44

Trichloroethene

Concen: 4.393 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054521.D

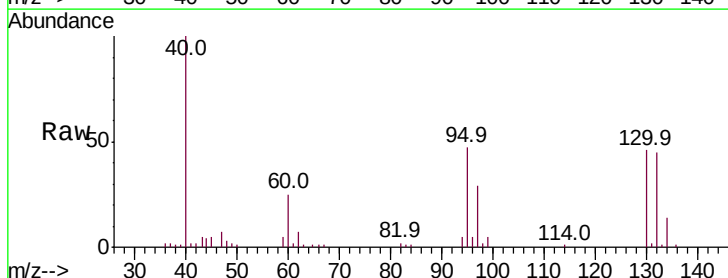
Acq: 21 Mar 2019 19:50

Tgt Ion:130 Resp: 24277

Ion Ratio Lower Upper

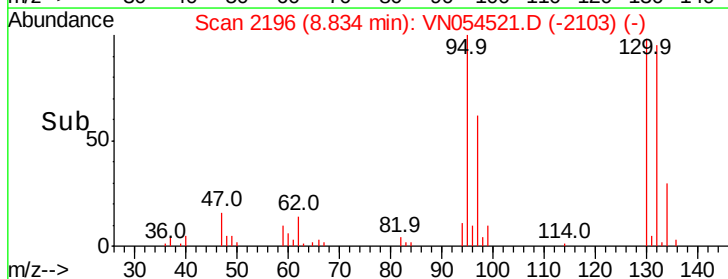
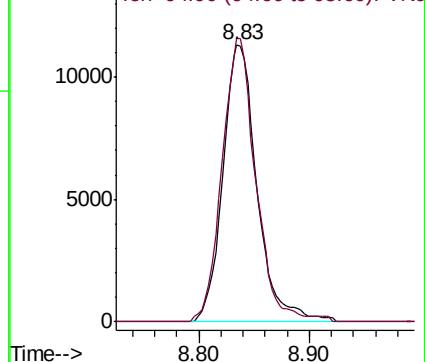
130 100

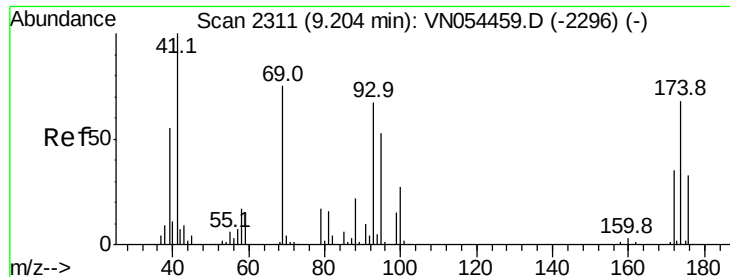
95 102.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)





#49

1,4-Dioxane

Concen: 14.923 ug/l

RT: 9.21 min Scan# 2314

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

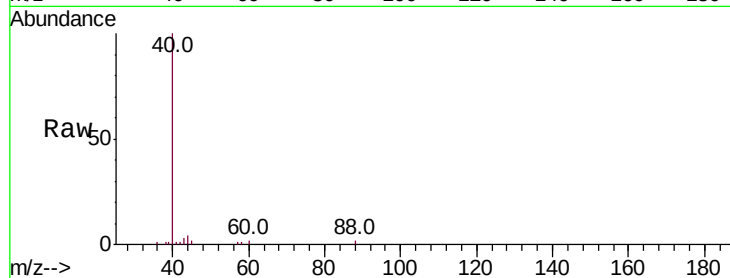
Tot Ion: 88 Resp: 756

Ion Ratio Lower Upper

88 100

43 94.3 24.1 36.1#

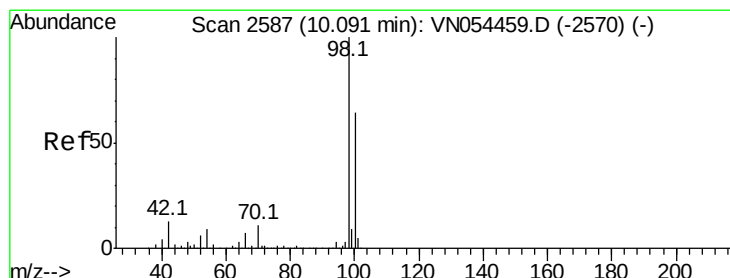
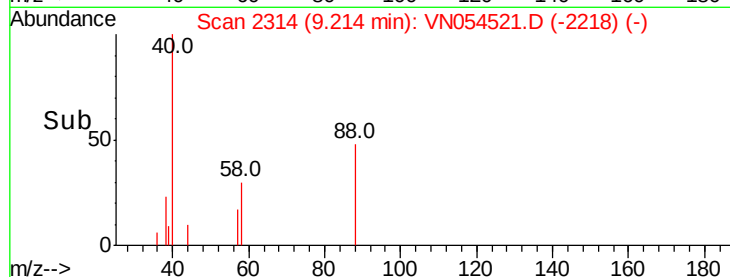
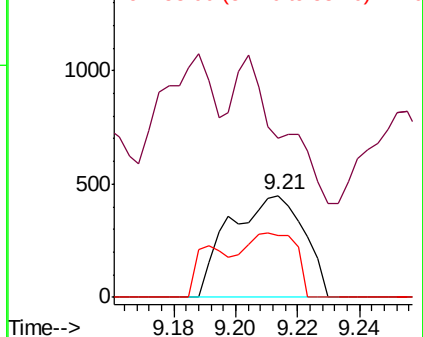
58 44.7 50.8 76.2#



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: 53.228 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054521.D

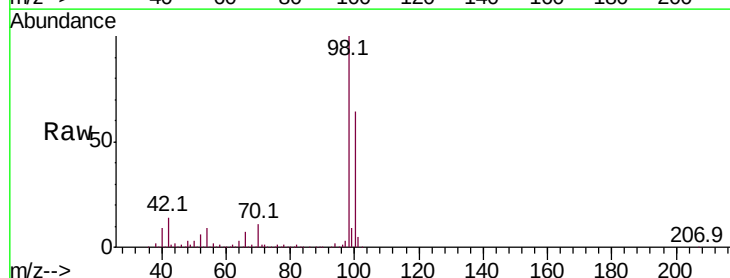
Acq: 21 Mar 2019 19:50

Tgt Ion: 98 Resp: 958360

Ion Ratio Lower Upper

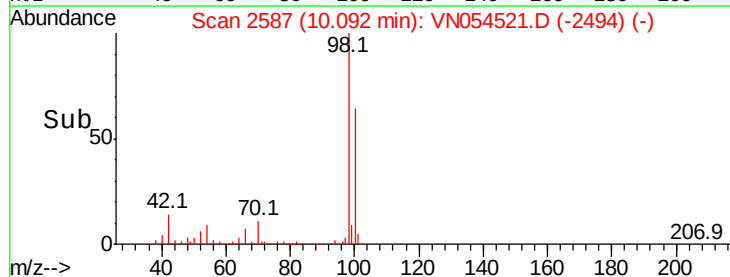
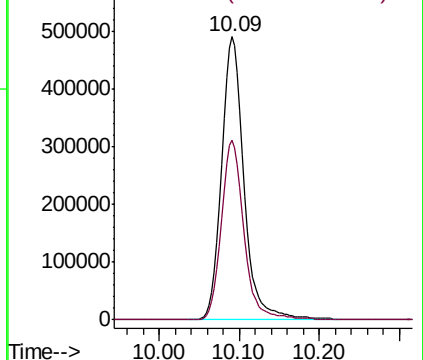
98 100

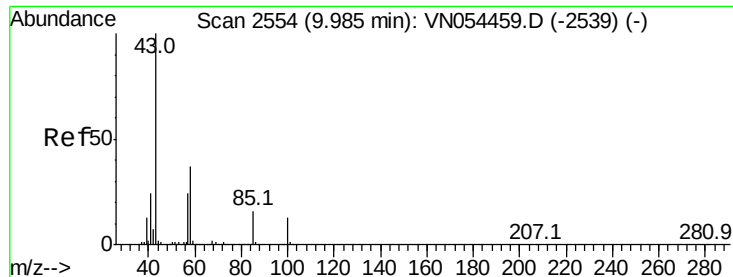
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.365 ug/l

RT: 10.00 min Scan# 2557

Delta R.T. 0.01 min

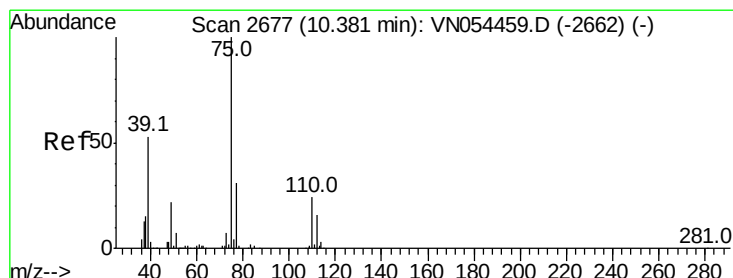
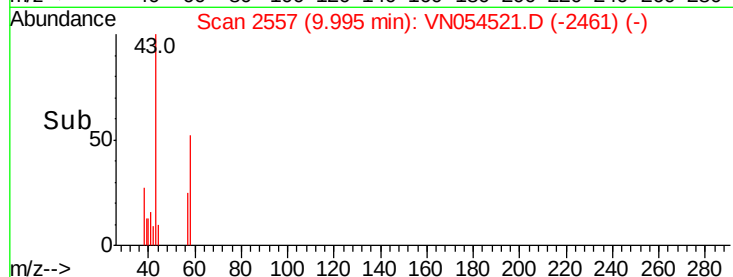
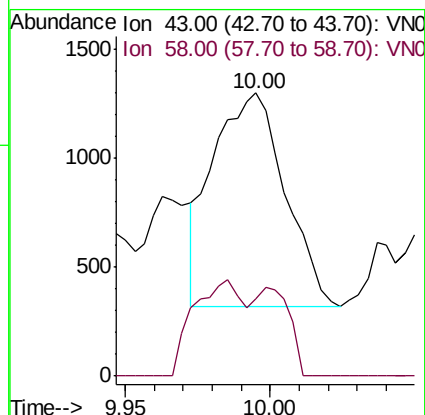
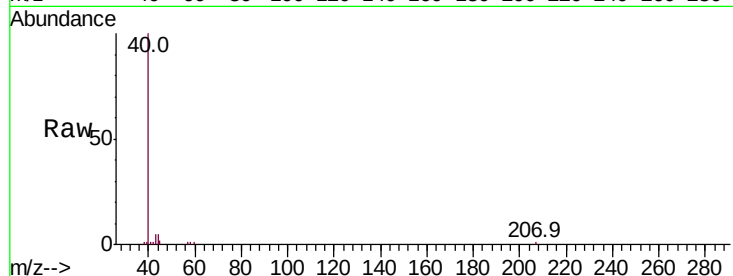
Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

Tot Ion: 43 Resp: 1688

Ion	Ratio	Lower	Upper
43	100		
58	31.6	31.8	47.6#



#53

t-1,3-Dichloropropene

Concen: 2.240 ug/l

RT: 10.38 min Scan# 2676

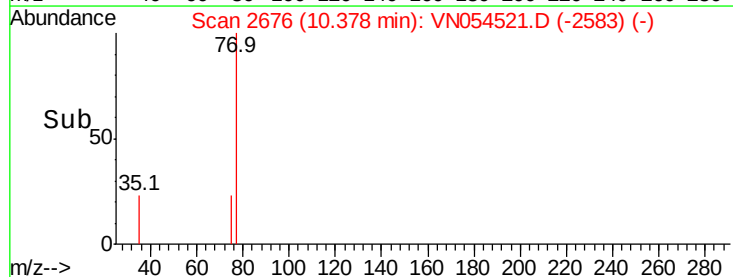
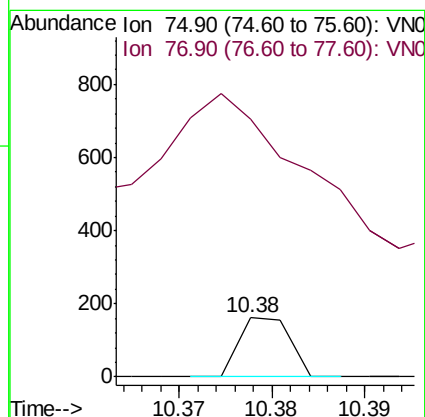
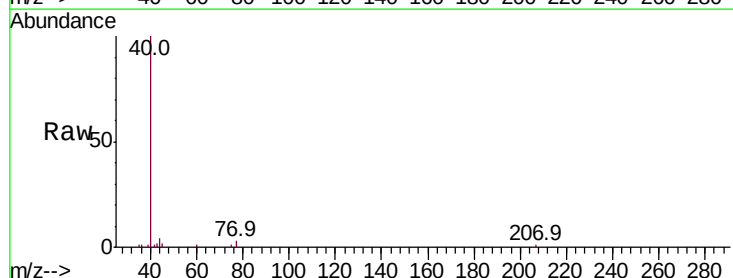
Delta R.T. -0.00 min

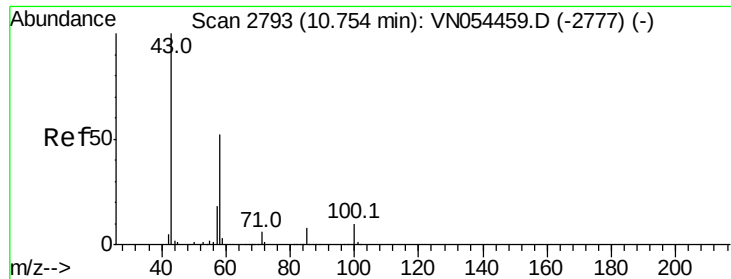
Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Tgt Ion: 75 Resp: 61

Ion	Ratio	Lower	Upper
75	100		
77	119.3	25.8	38.8#

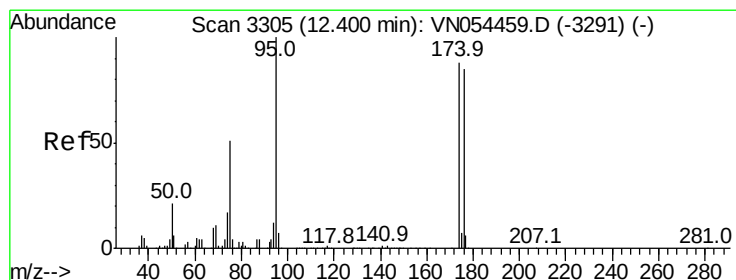
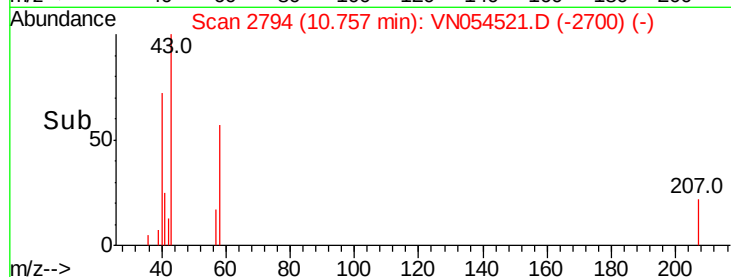
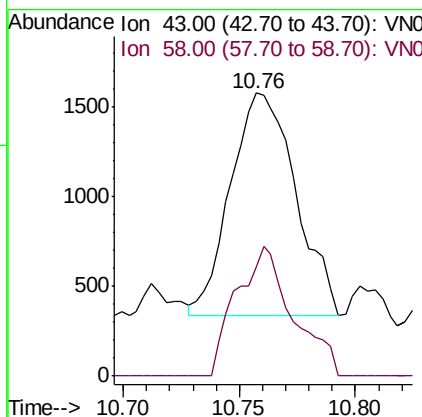
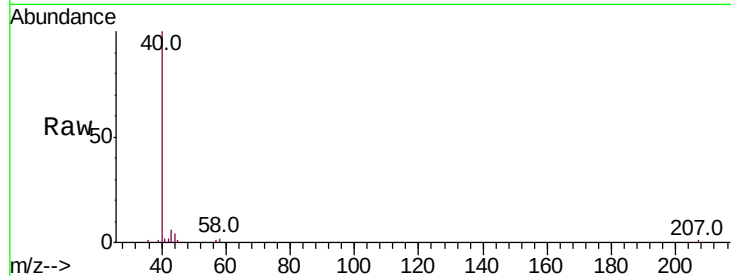




#59
2-Hexanone
Concen: 0.801 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

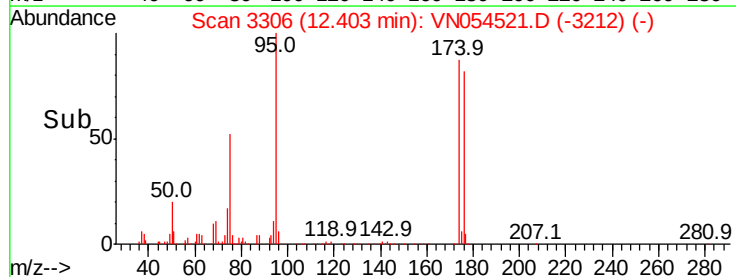
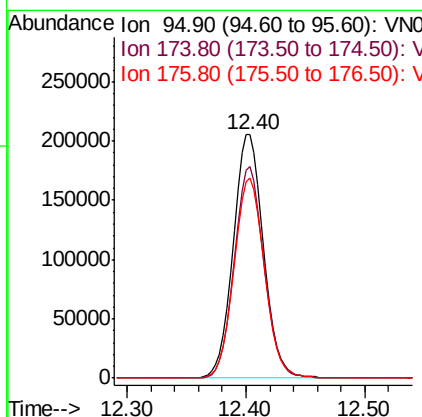
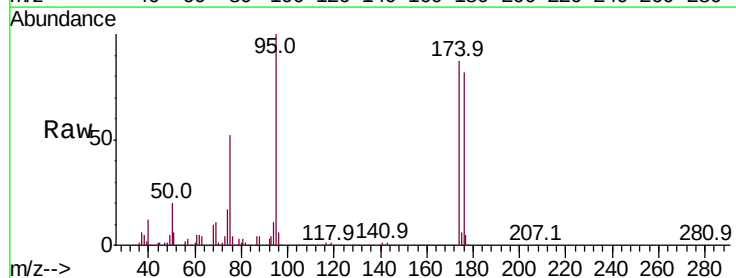
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

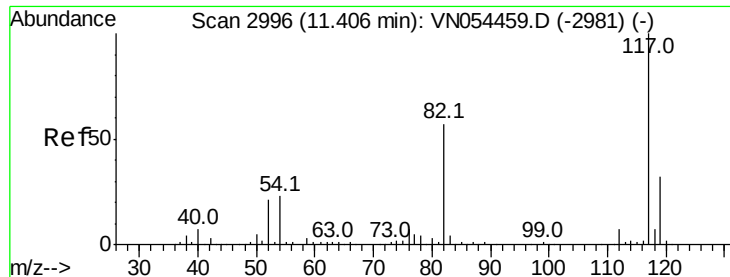
Tot Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
58 50.6 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 58.961 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion: 95 Resp: 361239
Ion Ratio Lower Upper
95 100
174 85.6 0.0 191.0
176 82.7 0.0 187.4

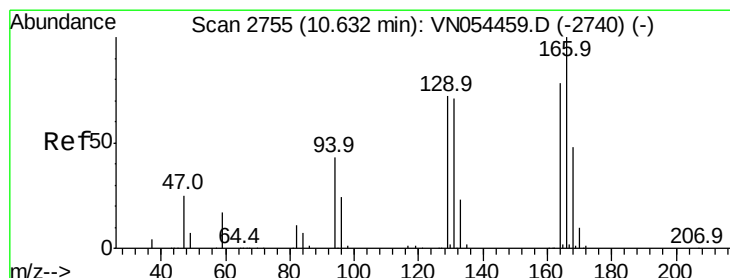
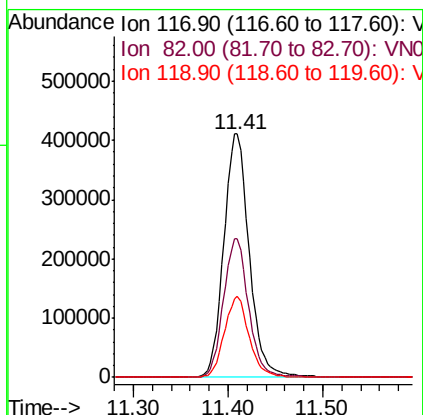
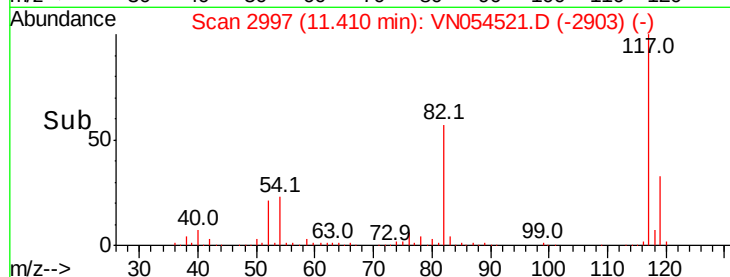
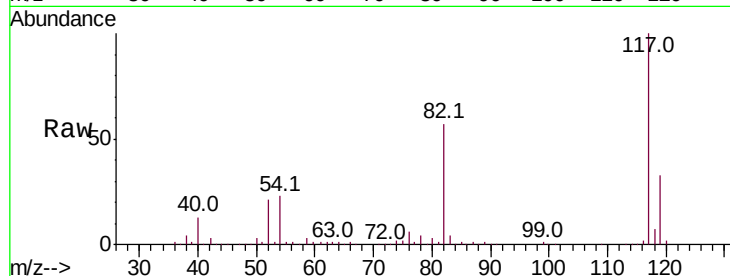




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

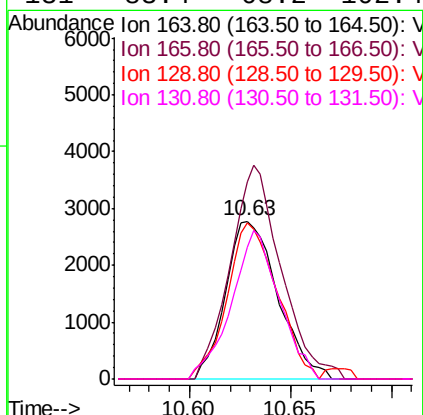
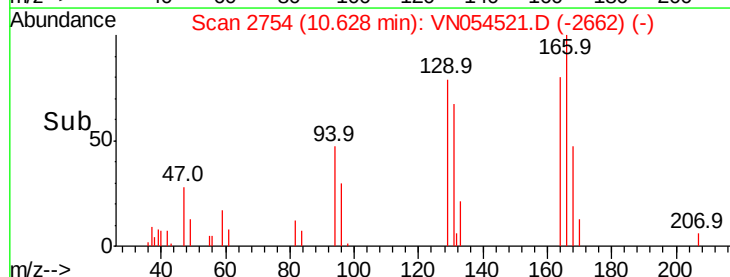
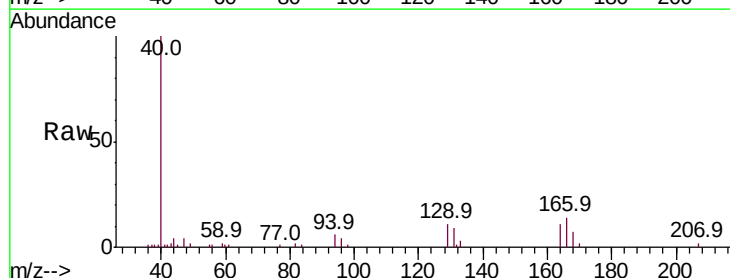
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

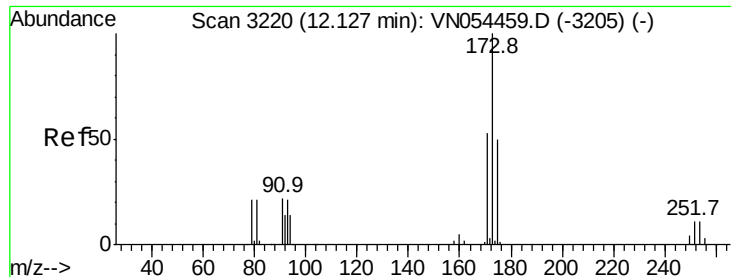
Tot Ion:117 Resp: 767497
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 0.790 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion:164 Resp: 5032
Ion Ratio Lower Upper
164 100
166 125.1 103.9 155.9
129 99.2 71.1 106.7
131 83.4 68.2 102.4





#71

Bromoform

Concen: 2.247 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.25 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

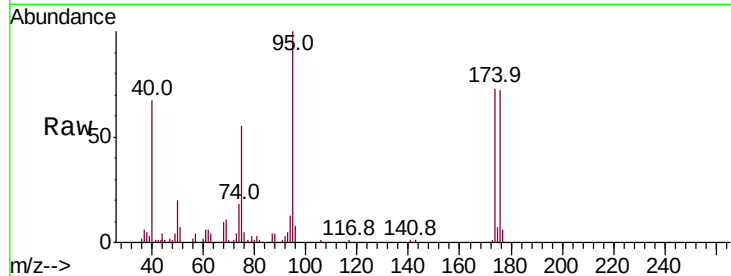
Tot Ion:173 Resp: 109

Ion Ratio Lower Upper

173 100

175 18052.3 24.4 73.2#

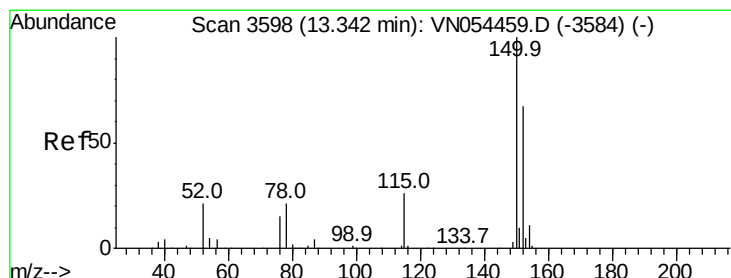
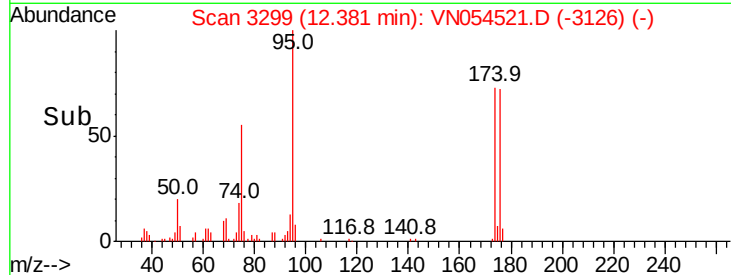
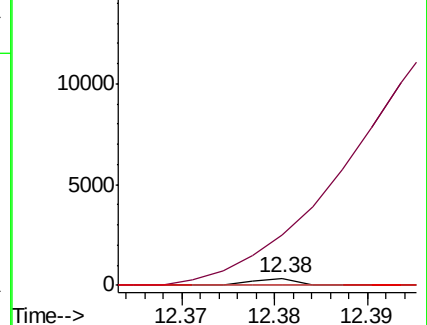
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

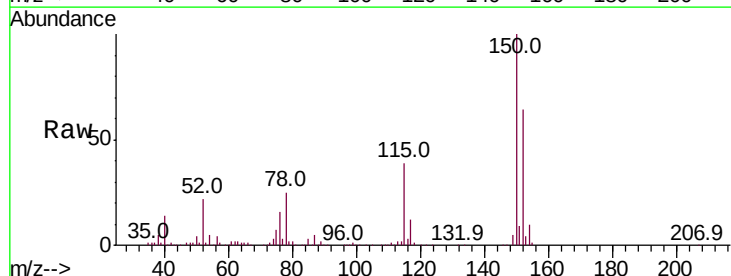
Tgt Ion:152 Resp: 282019

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

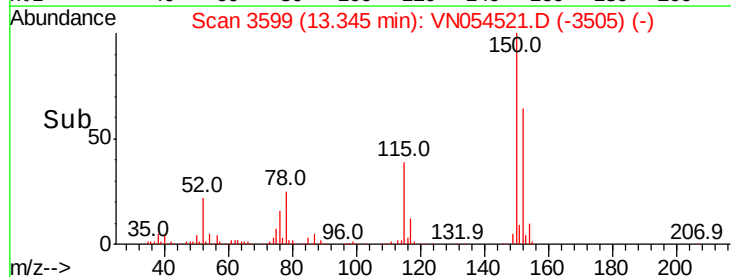
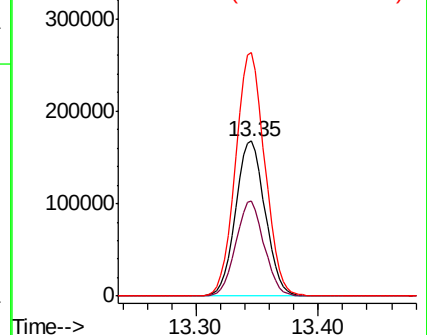
150 156.0 0.0 349.2

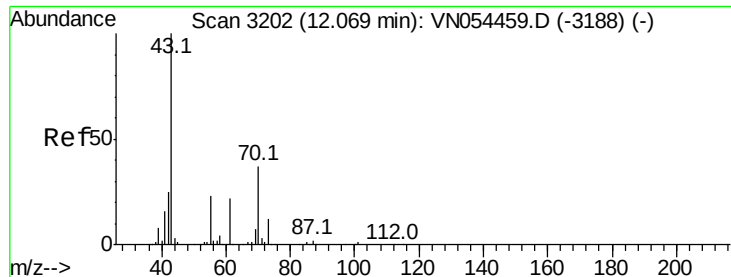


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.233 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

Tot Ion: 43 Resp: 1525

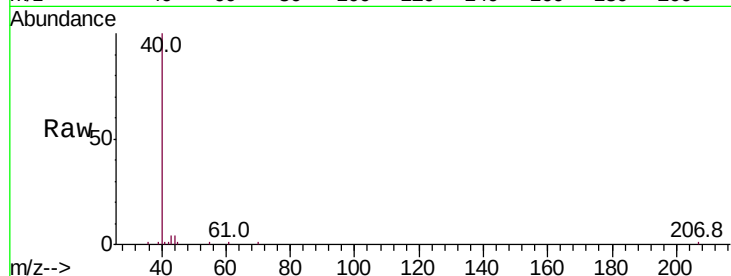
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 12.4 19.8 29.6#

61 23.5 19.8 29.6



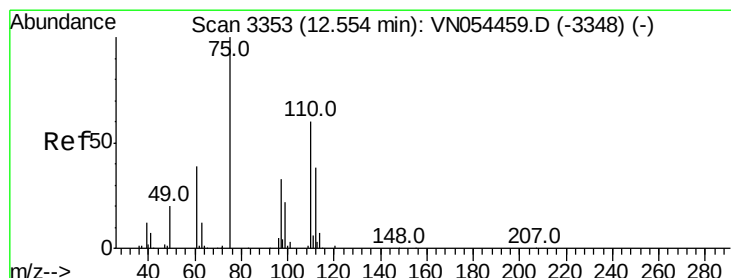
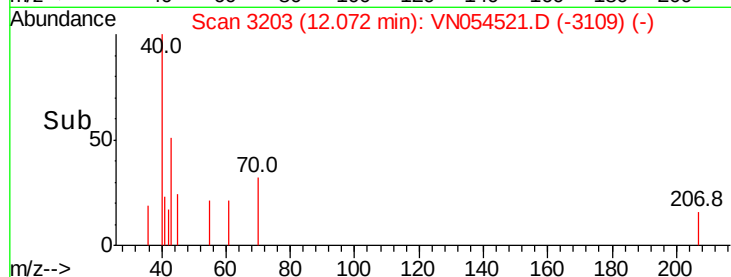
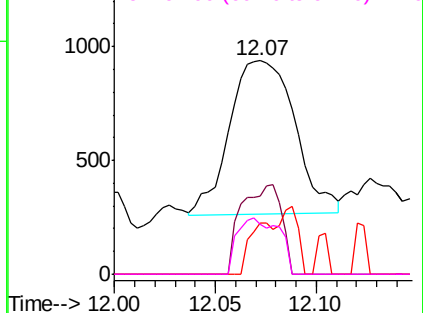
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 41.648 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054521.D

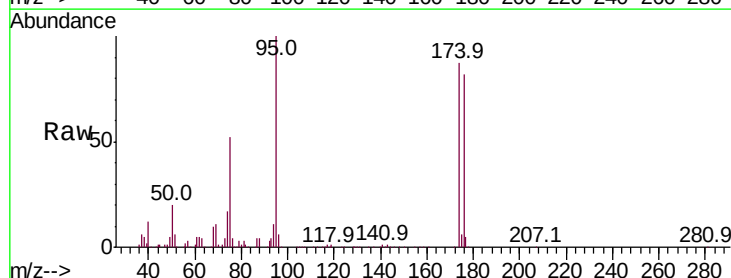
Acq: 21 Mar 2019 19:50

Tgt Ion: 75 Resp: 186383

Ion Ratio Lower Upper

75 100

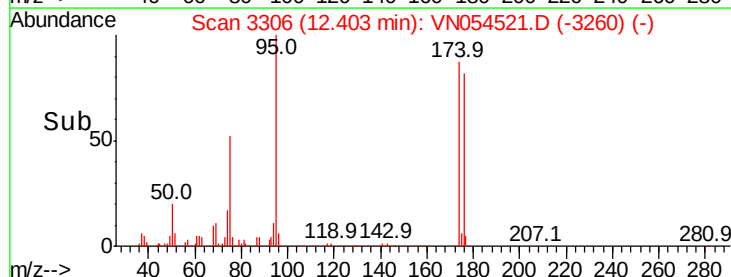
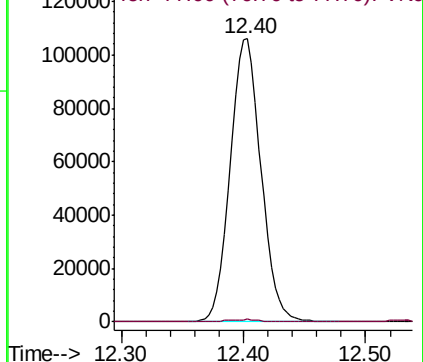
77 0.9 0.0 0.0#

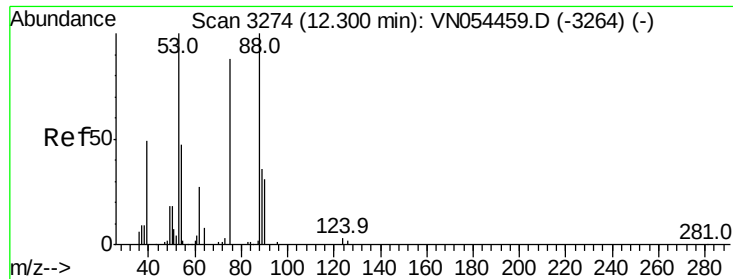


Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

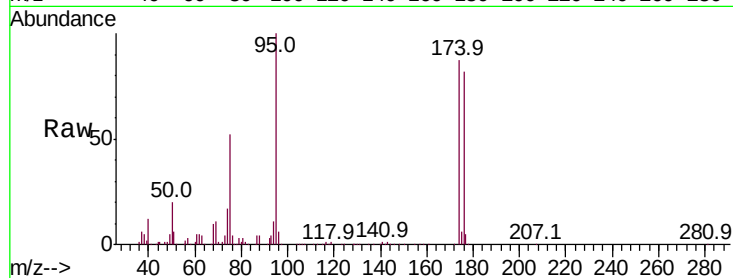




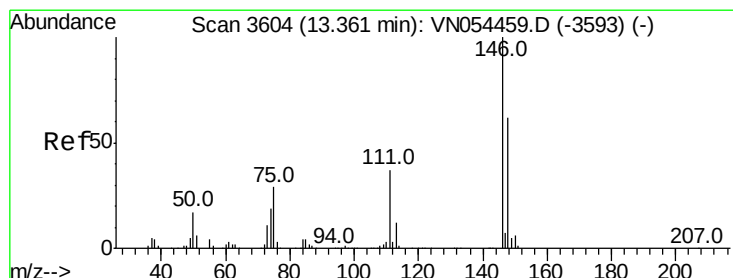
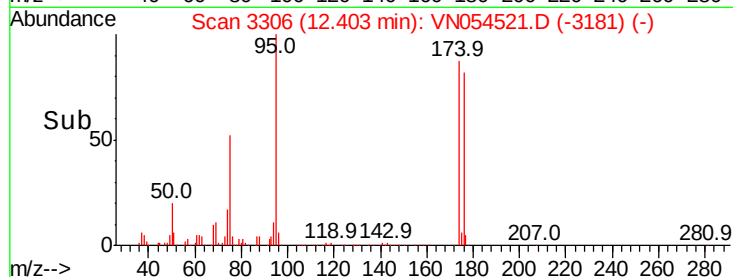
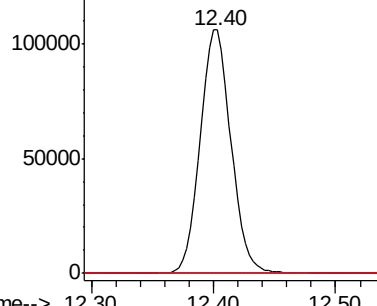
#81
trans-1,4-Dichloro-2-butene
Concen: 137.639 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

Tot Ion: 75 Resp: 186383
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.2#
89 0.0 39.2 58.8#

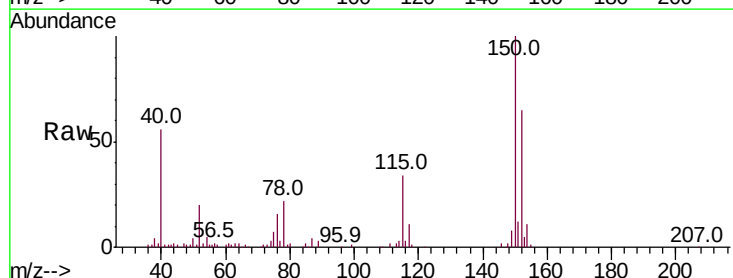


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

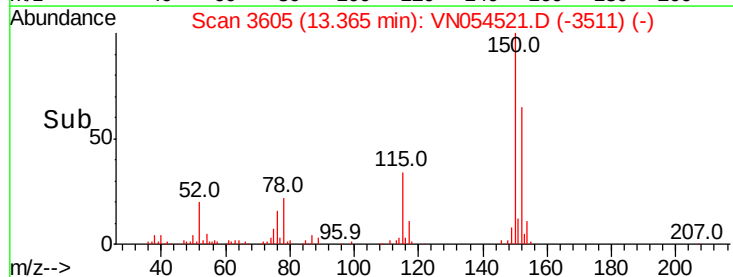
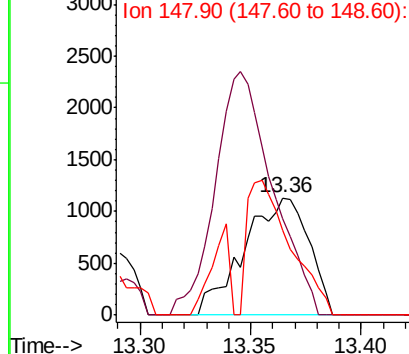


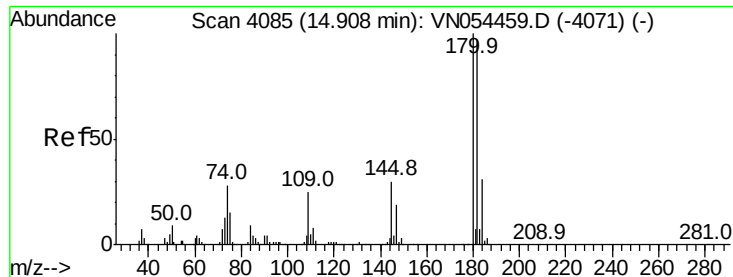
#88
1,4-Dichlorobenzene
Concen: 0.254 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion: 146 Resp: 2304
Ion Ratio Lower Upper
146 100
111 0.0 18.1 54.1#
148 76.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 0.435 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

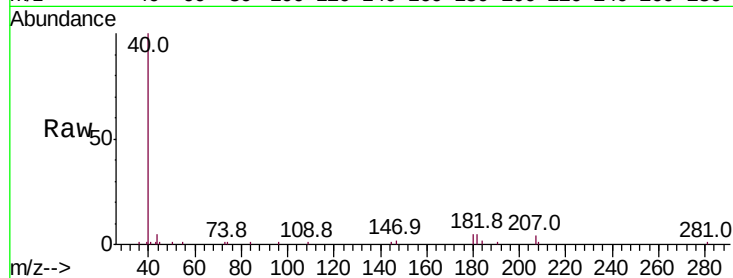
Tot Ion:180 Resp: 1961

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

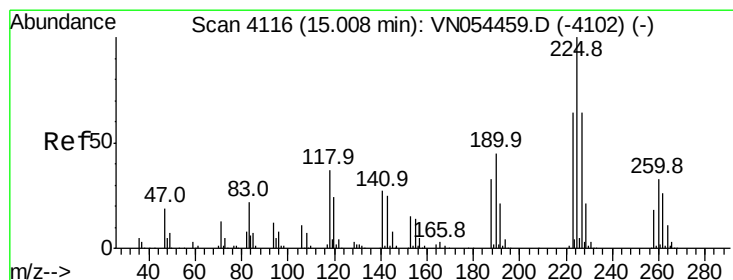
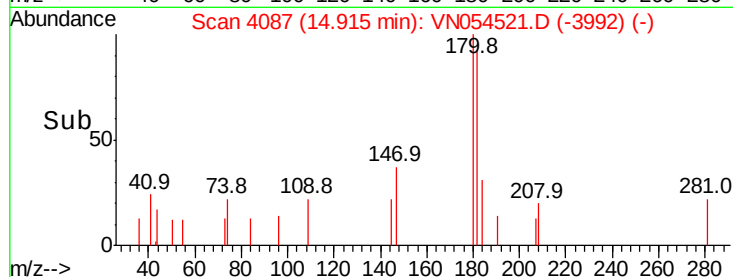
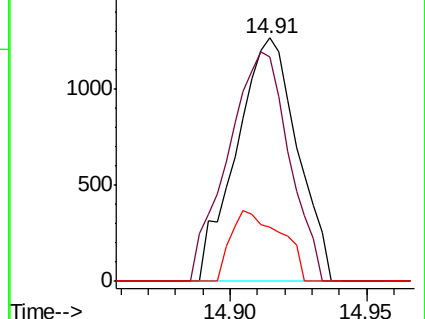
145 24.0 14.2 42.8



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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

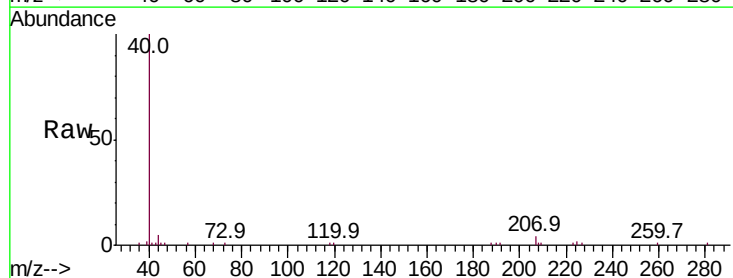
Tgt Ion:225 Resp: 708

Ion Ratio Lower Upper

225 100

223 55.6 31.1 93.5

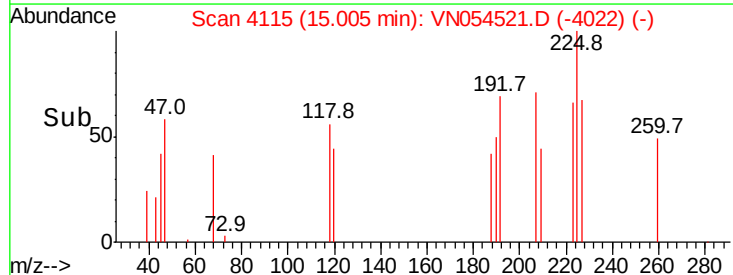
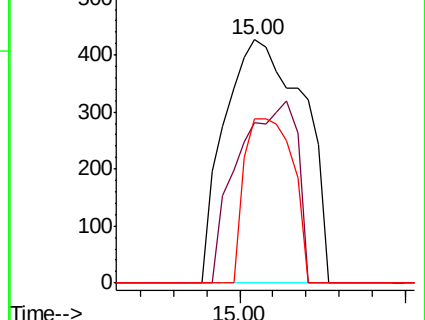
227 41.2 31.9 95.9

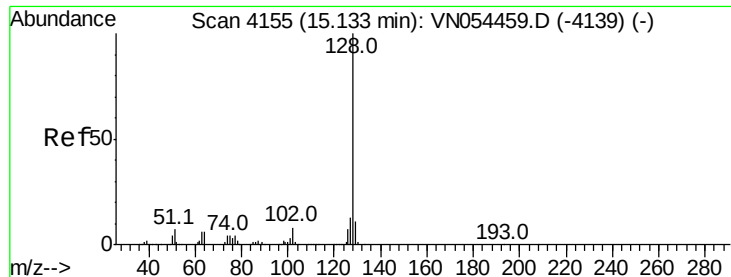


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.709 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

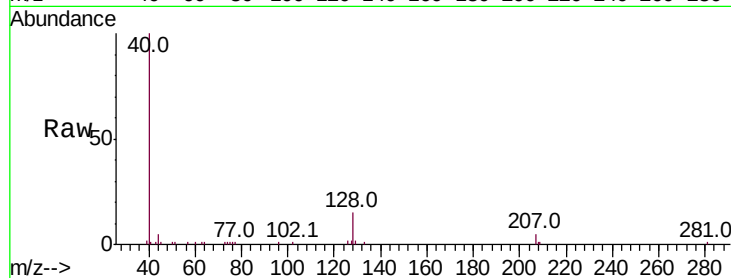
Tot Ion:128 Resp: 7133

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

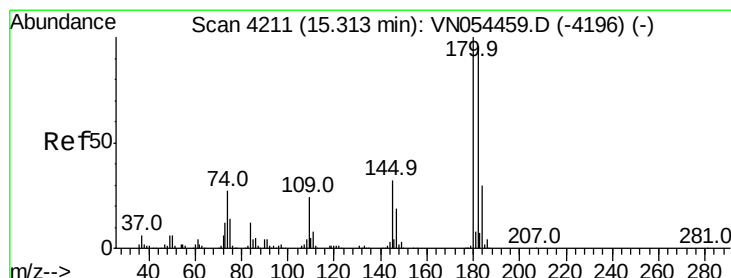
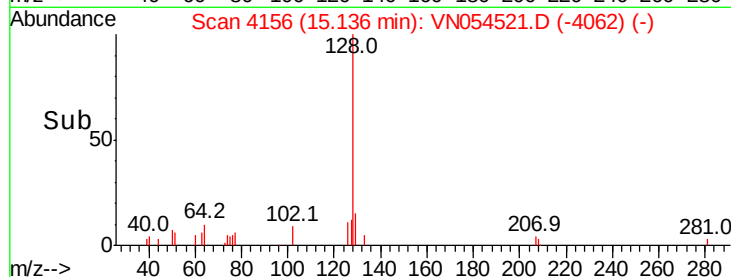
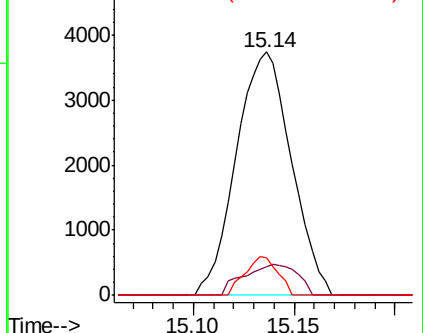
129 9.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.536 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

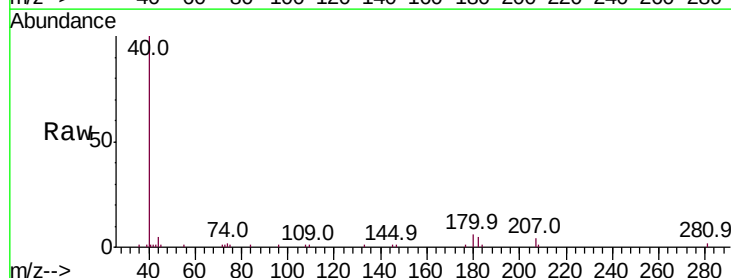
Tgt Ion:180 Resp: 2406

Ion Ratio Lower Upper

180 100

182 86.5 47.5 142.6

145 28.3 14.8 44.3



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

