

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051571.D
 Acq On : 27 Sep 2018 9:46
 Operator : MD\SY
 Sample : J5081-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 11:22:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	871655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	453437	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	7.59	113	395373	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1441821	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.40	95	395509	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	

Target Compounds

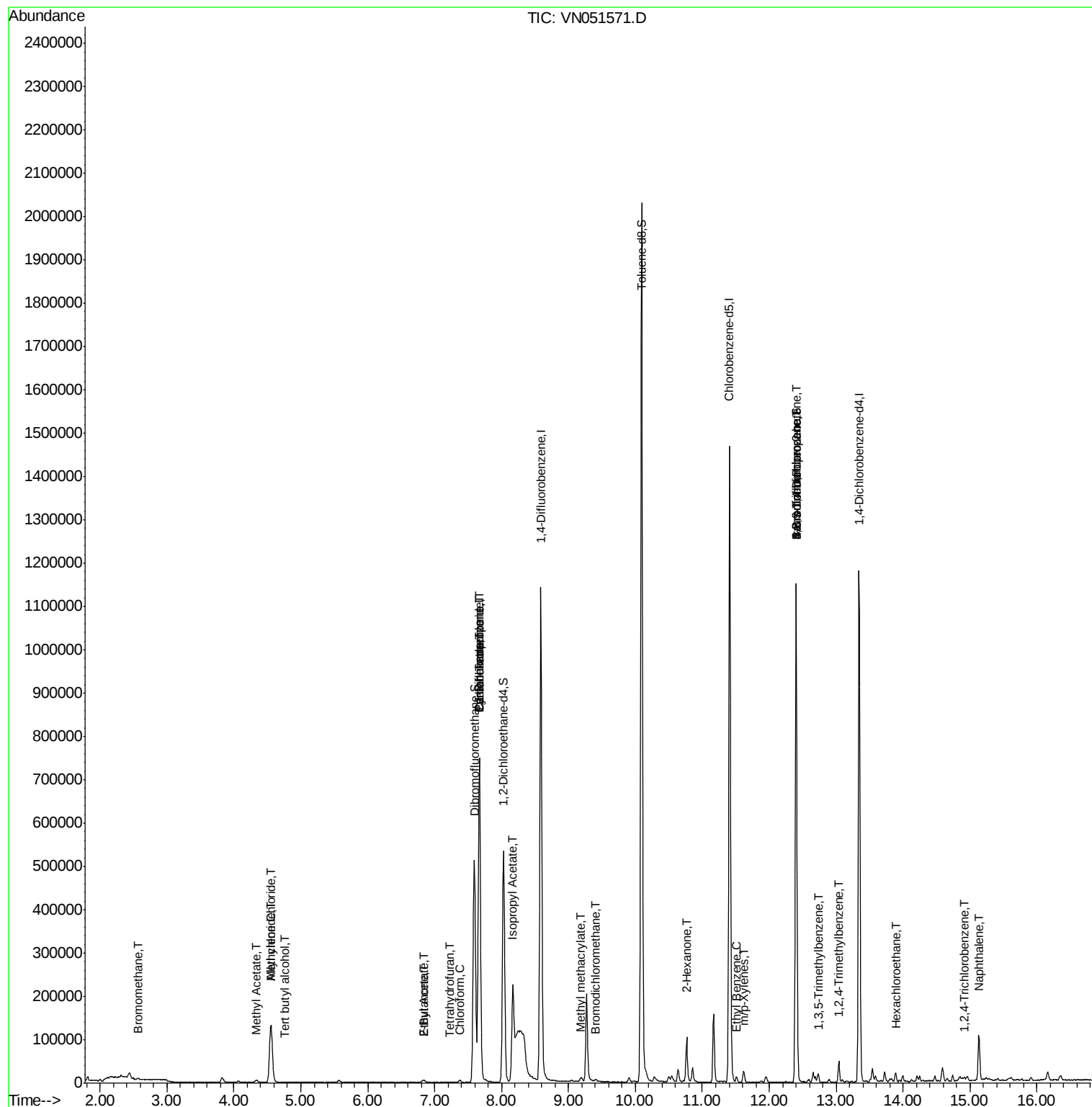
					Qvalue	
5) Bromomethane	2.57	94	1314	0.271	ug/l	89
11) Tert butyl alcohol	4.75	59	264	0.591	ug/l #	78
14) Allyl chloride	4.56	41	4081	0.346	ug/l #	26
16) Acetone	3.82	43	19514	Below Cal		98
18) Methyl Acetate	4.33	43	12423	2.061	ug/l #	71
20) Methylene Chloride	4.55	84	100413	12.824	ug/l	98
25) 2-Butanone	6.85	43	4775	1.763	ug/l	91
29) Tetrahydrofuran	7.23	42	1282	0.747	ug/l #	64
30) Chloroform	7.37	83	6845	0.508	ug/l	95
31) Cyclohexane	7.67	56	12308	0.988	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44763	3.759	ug/l #	49
37) Ethyl Acetate	6.85	43	4775	0.697	ug/l #	70
38) Carbon Tetrachloride	7.67	117	57917	4.650	ug/l #	17
43) Isopropyl Acetate	8.17	43	289385	23.372	ug/l #	92
47) Bromodichloromethane	9.40	83	2771	0.233	ug/l #	76
48) Methyl methacrylate	9.18	41	7093	1.149	ug/l #	21
59) 2-Hexanone	10.77	43	15331	3.473	ug/l #	57
67) Ethyl Benzene	11.51	91	8029	0.213	ug/l	93
68) m/p-Xylenes	11.62	106	7516	0.516	ug/l	89
71) Bromoform	12.40	173	2688	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	196310	35.926	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8800	0.389	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	196310	110.470	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	25771	1.129	ug/l	97
90) Hexachloroethane	13.88	117	1902	0.405	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	2291	6.299	ug/l #	85
95) Naphthalene	15.13	128	92148	14.362	ug/l	98

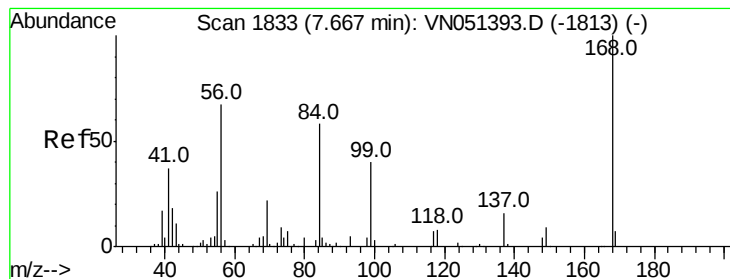
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

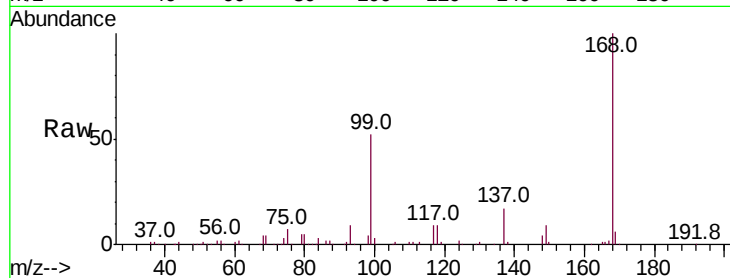
TP-1-D

Tot Ion:168 Resp: 631692

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

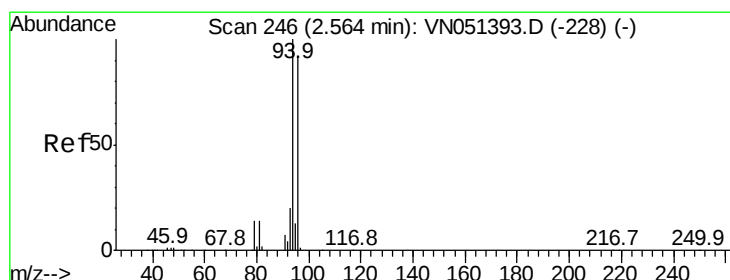
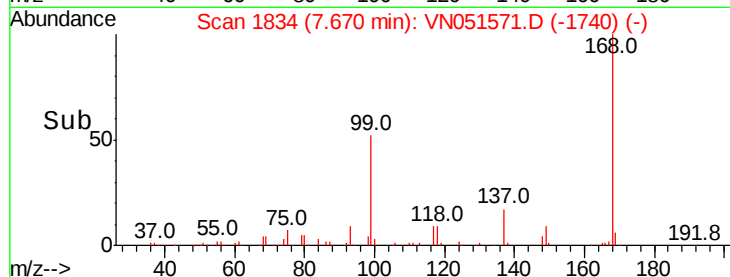
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.271 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051571.D

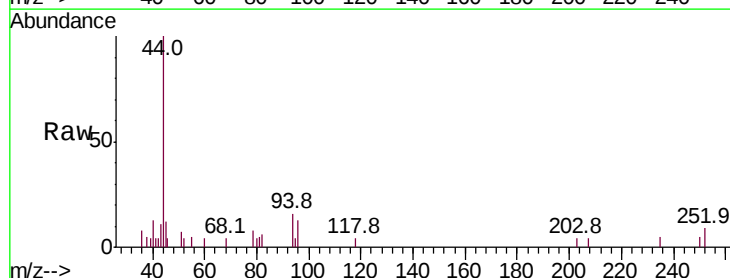
Acq: 27 Sep 2018 9:46

Tgt Ion: 94 Resp: 1314

Ion Ratio Lower Upper

94 100

96 81.5 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

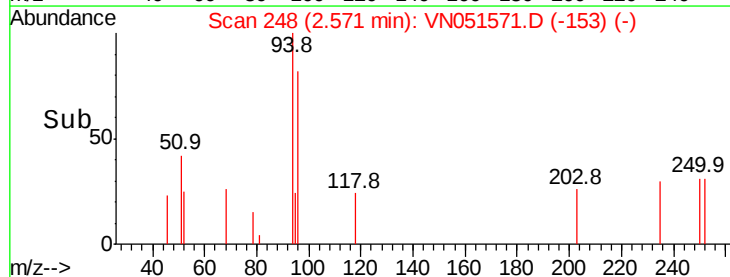
600

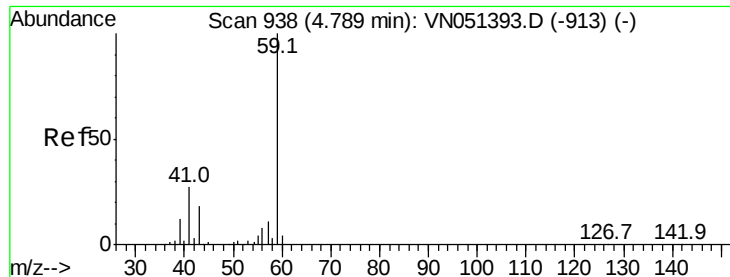
400

200

0

Time-->



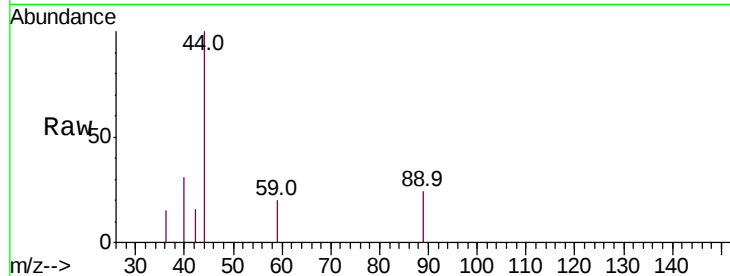


#11

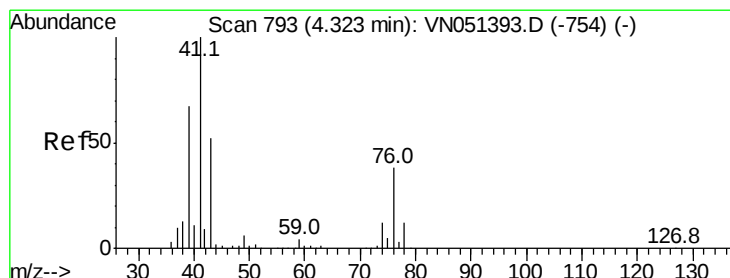
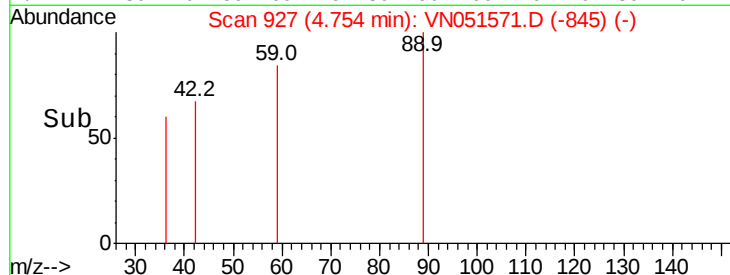
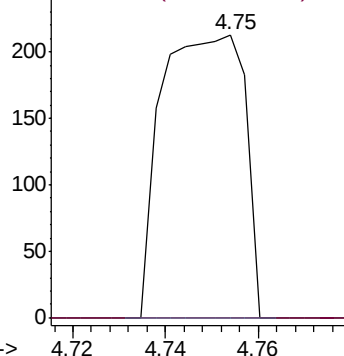
Tert butyl alcohol
 Concen: 0.591 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.04 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Tot Ion: 59 Resp: 264
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.2#



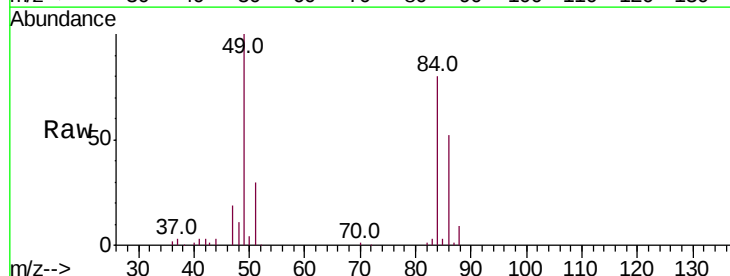
Abundance Ion 59.00 (58.70 to 59.70): VNO
 Ion 57.00 (56.70 to 57.70): VNO



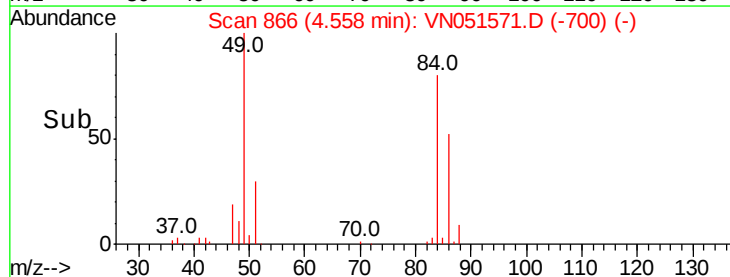
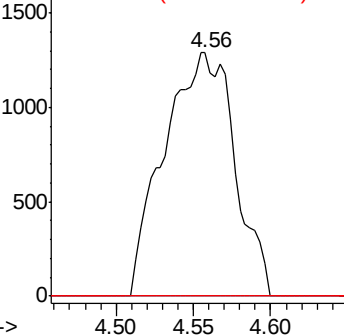
#14

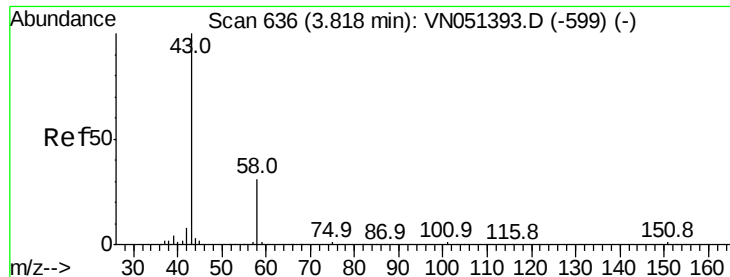
Allyl chloride
 Concen: 0.346 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.23 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

Tgt Ion: 41 Resp: 4081
 Ion Ratio Lower Upper
 41 100
 39 0.0 51.4 77.2#
 76 0.0 28.1 42.1#



Abundance Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO
 Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

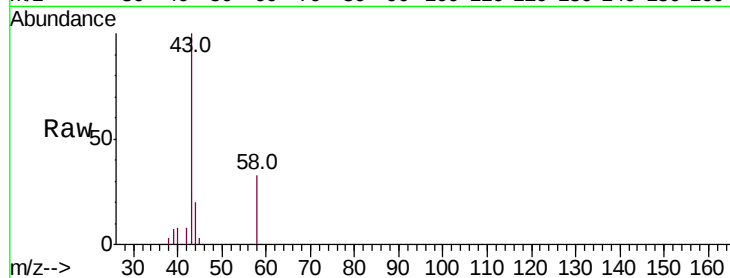
TP-1-D

Tot Ion: 43 Resp: 19514

Ion Ratio Lower Upper

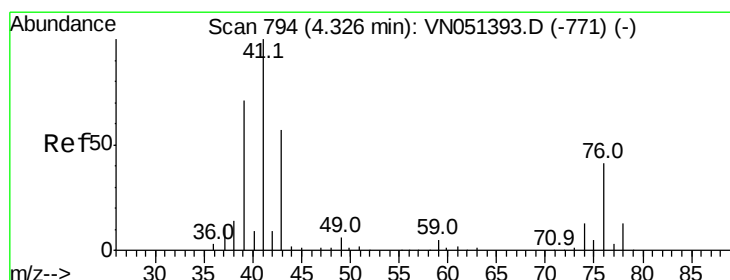
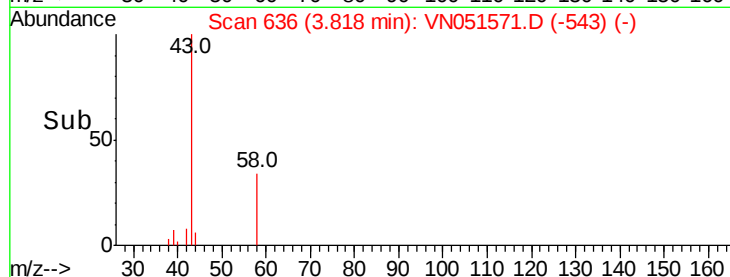
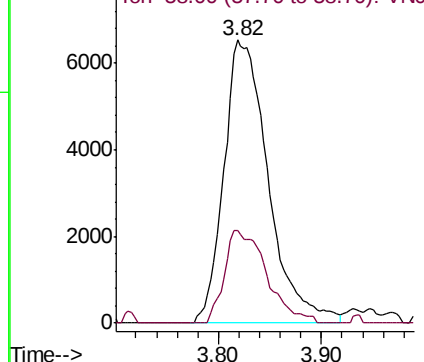
43 100

58 32.6 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.061 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051571.D

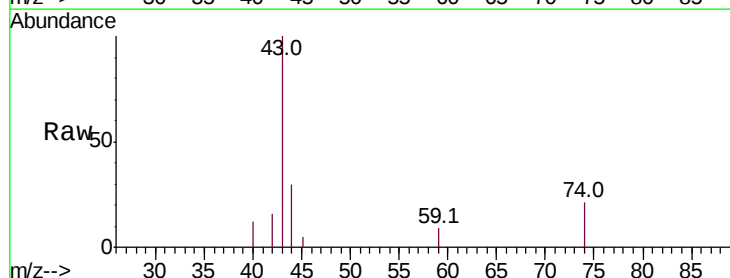
Acq: 27 Sep 2018 9:46

Tgt Ion: 43 Resp: 12423

Ion Ratio Lower Upper

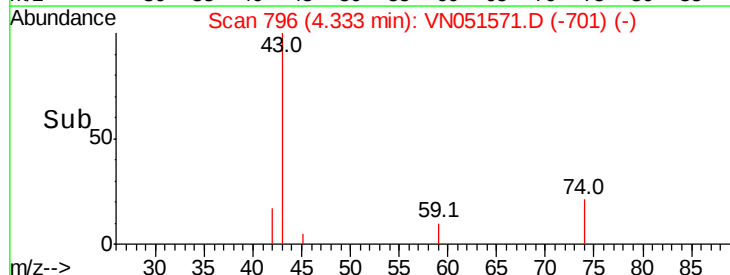
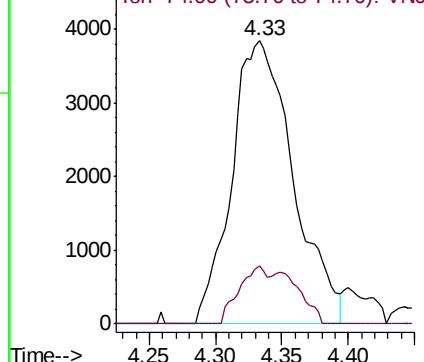
43 100

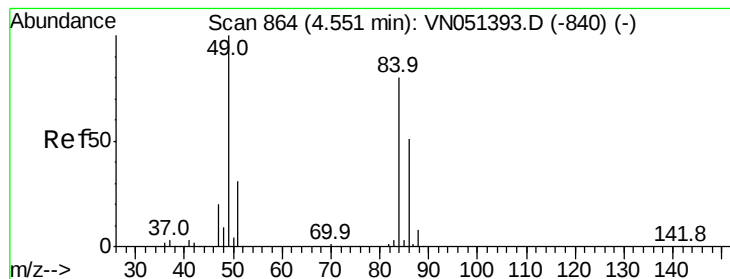
74 9.3 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 12.824 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

Tot Ion: 84 Resp: 100413

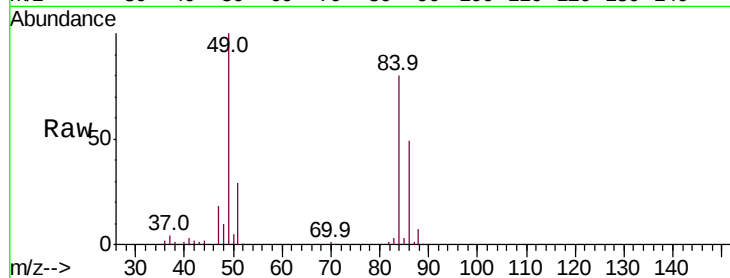
Ion Ratio Lower Upper

84 100

49 125.6 99.9 149.9

51 36.2 31.4 47.2

86 61.9 50.9 76.3

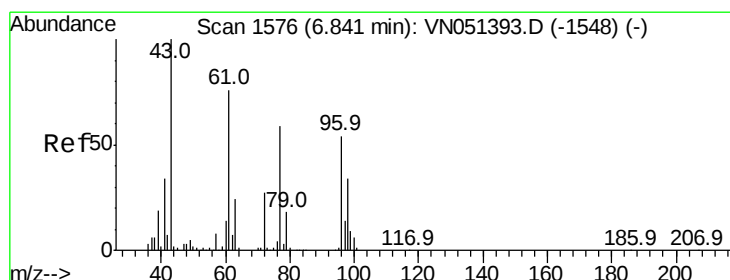
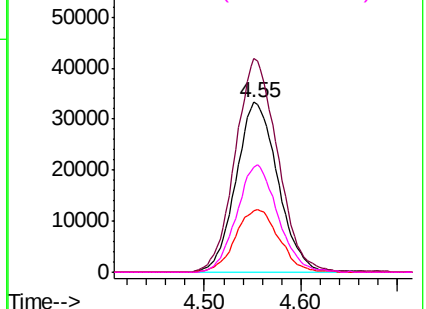
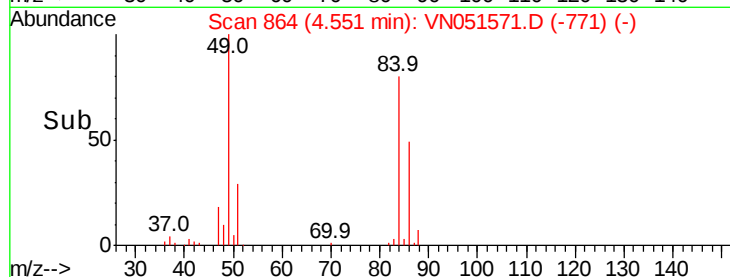


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.763 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN051571.D

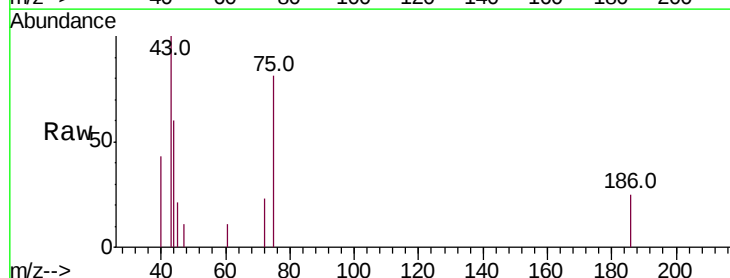
Acq: 27 Sep 2018 9:46

Tgt Ion: 43 Resp: 4775

Ion Ratio Lower Upper

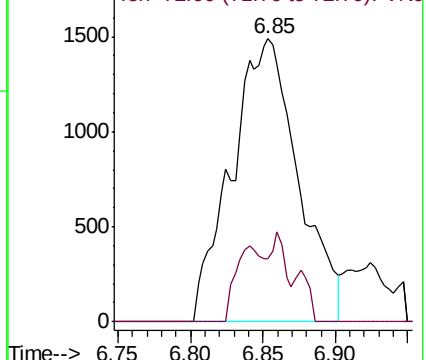
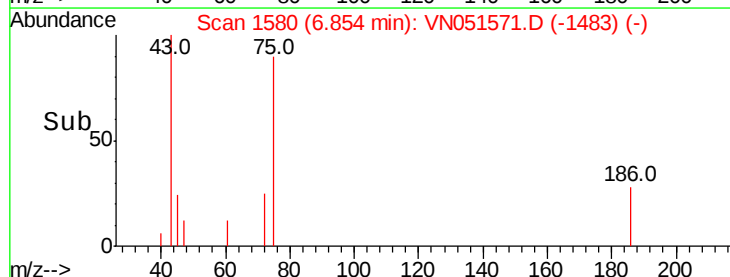
43 100

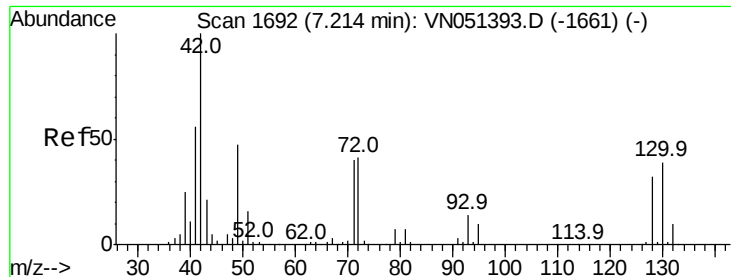
72 22.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

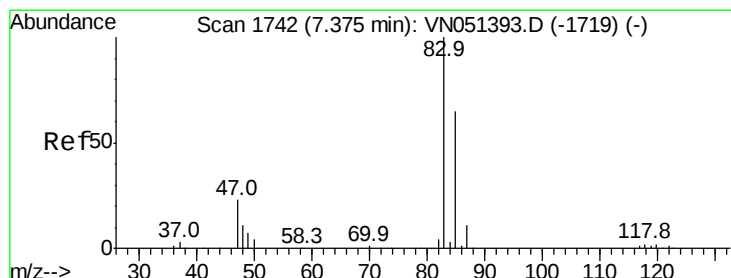
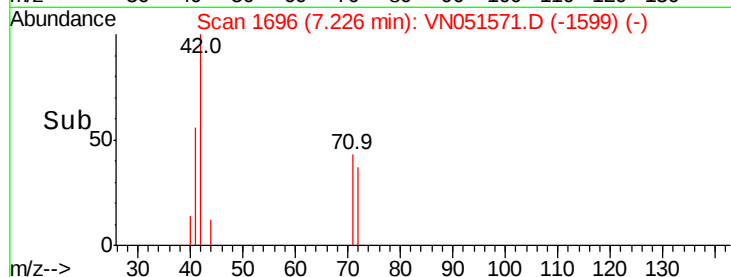
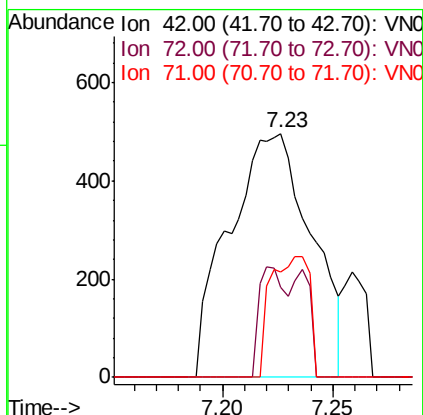
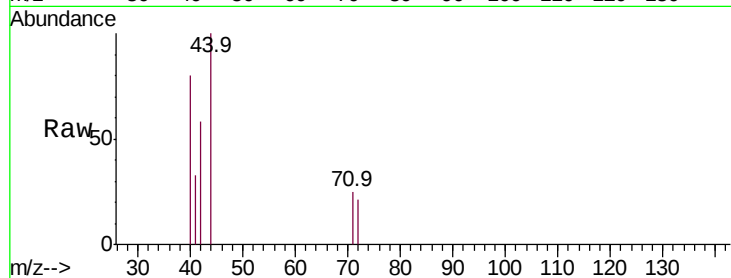




#29
Tetrahydrofuran
Concen: 0.747 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

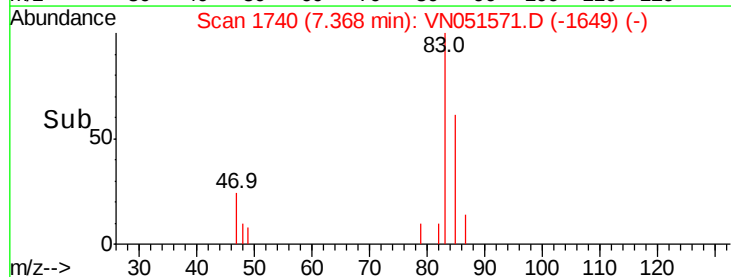
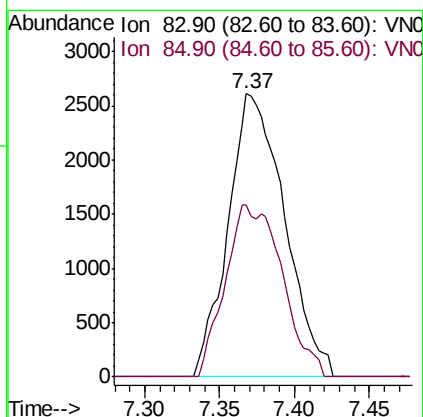
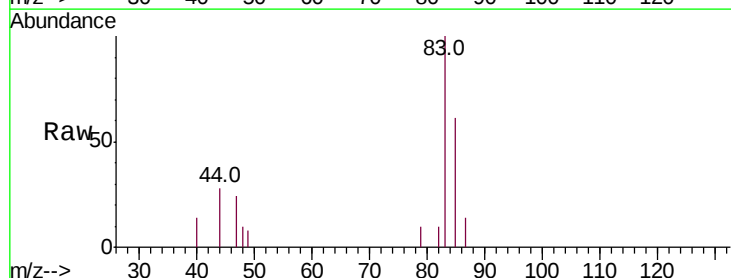
Instrument :
MSVOA_N
ClientSampled :
TP-1-D

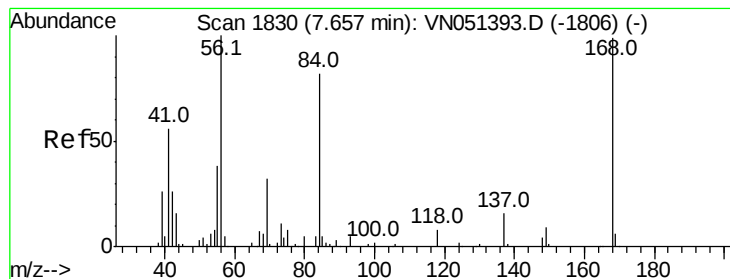
Tot Ion: 42 Resp: 1282
Ion Ratio Lower Upper
42 100
72 14.8 34.3 51.5#
71 23.2 32.2 48.4#



#30
Chloroform
Concen: 0.508 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

Tgt Ion: 83 Resp: 6845
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.6





#31

Cyclohexane

Concen: 0.988 ug/l

RT: 7.67 min Scan# 1835

Delta R.T. 0.02 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

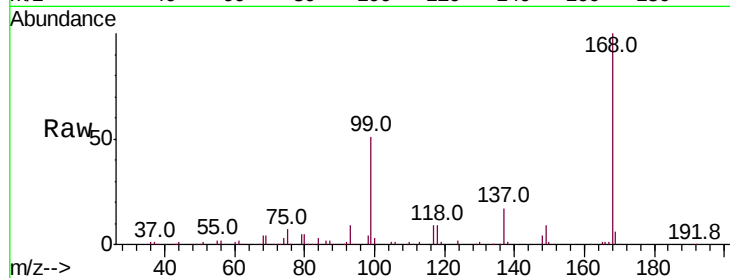
Tot Ion: 56 Resp: 12308

Ion Ratio Lower Upper

56 100

69 190.3 25.8 38.6#

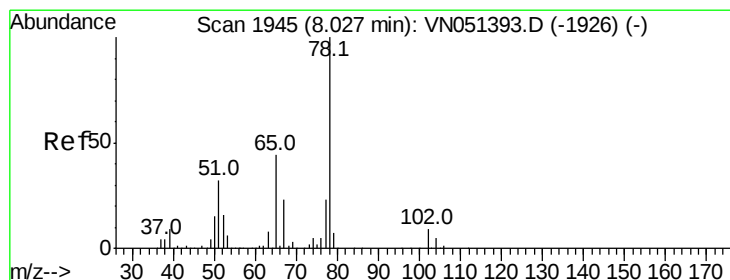
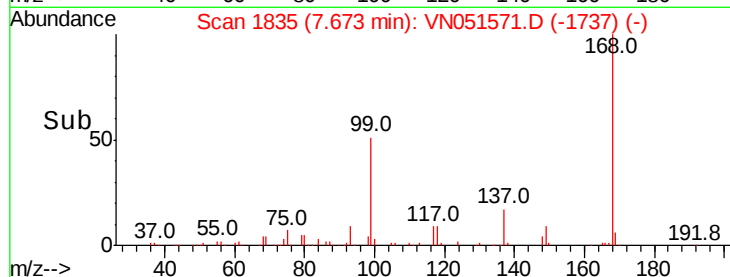
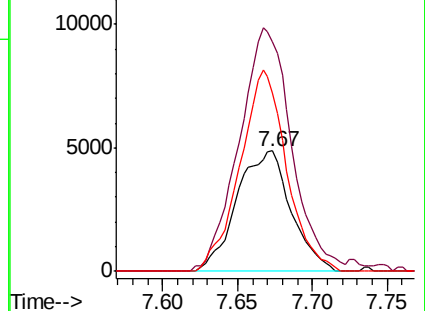
84 148.3 66.0 99.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051571.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN051571.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN051571.D (-1737) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.302 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051571.D

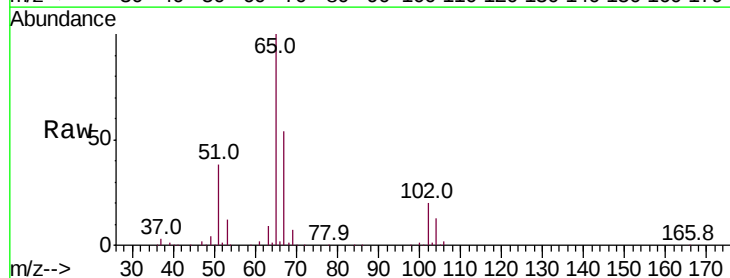
Acq: 27 Sep 2018 9:46

Tgt Ion: 65 Resp: 453437

Ion Ratio Lower Upper

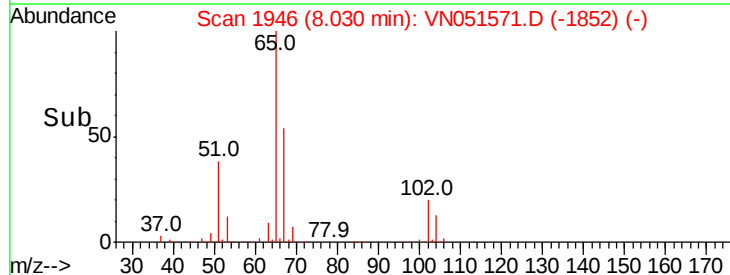
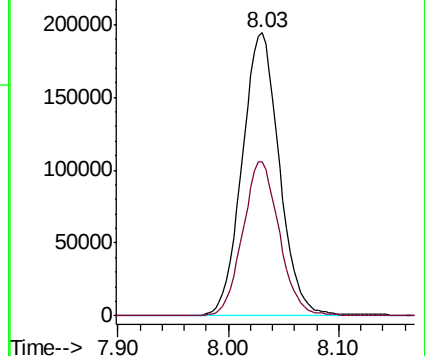
65 100

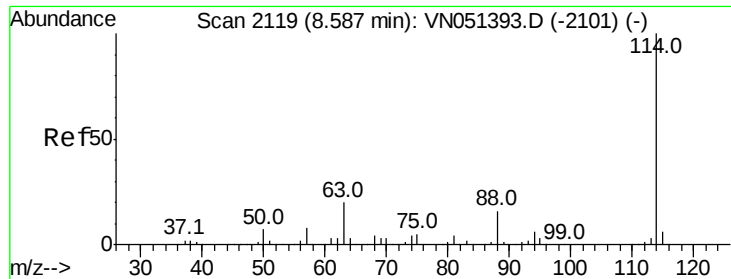
67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN051571.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051571.D (-1852) (-)



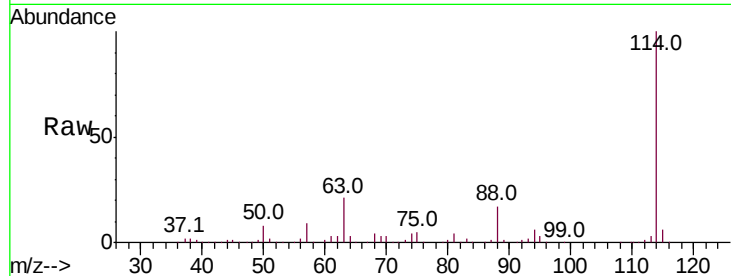


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

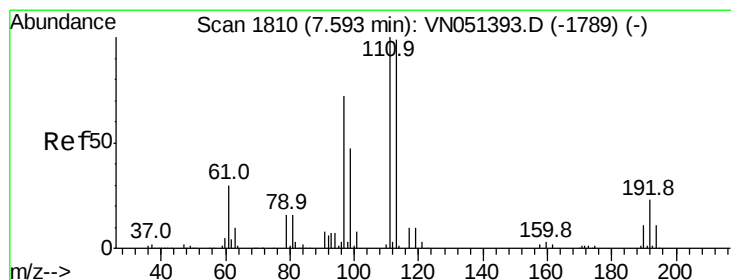
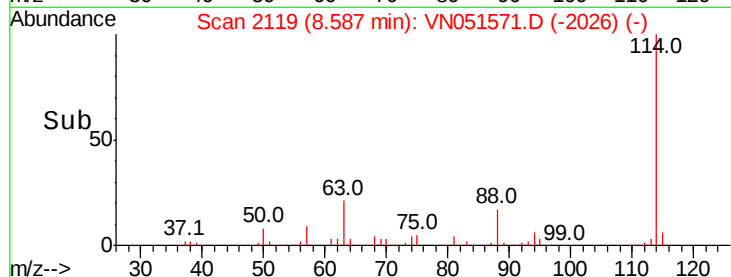
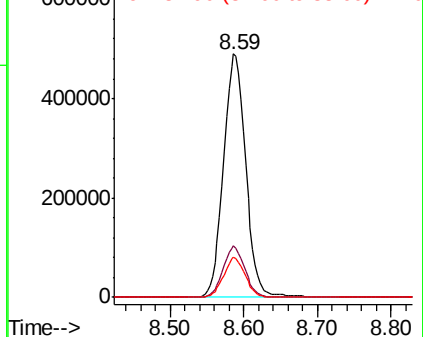
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Tot Ion:114 Resp: 1028411

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	16.6	0.0	31.4



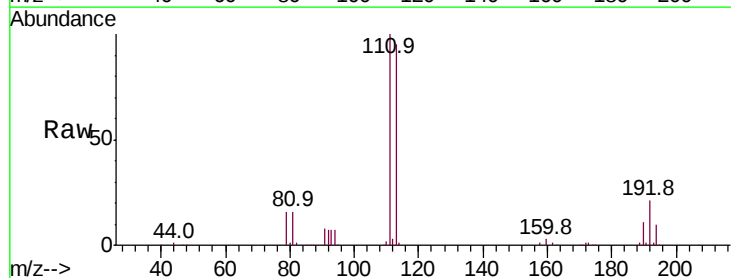
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



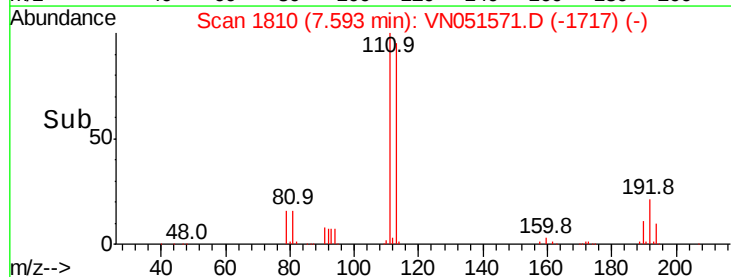
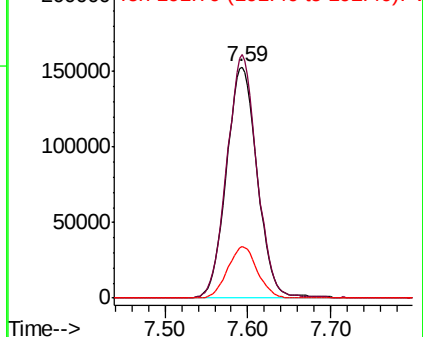
#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

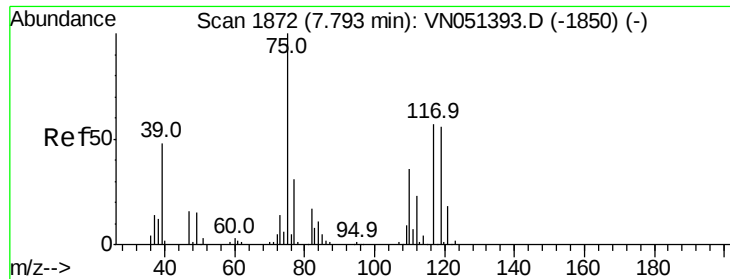
Tgt Ion:113 Resp: 395373

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	21.6	18.0	27.0



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: 3.759 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

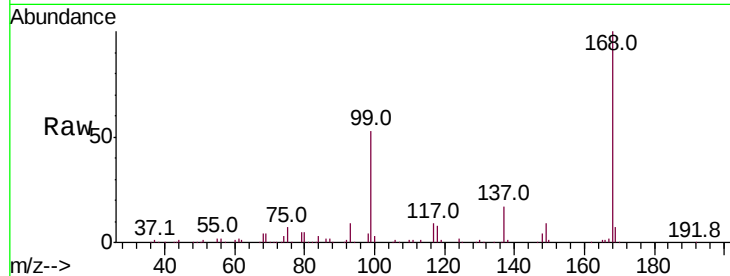
Tot Ion: 75 Resp: 44763

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN051393.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN051393.D (-1850) (-)

Time-->

7.60 7.65 7.70 7.75

7.67

25000

20000

15000

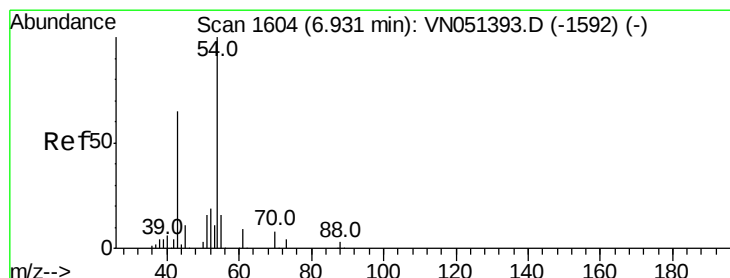
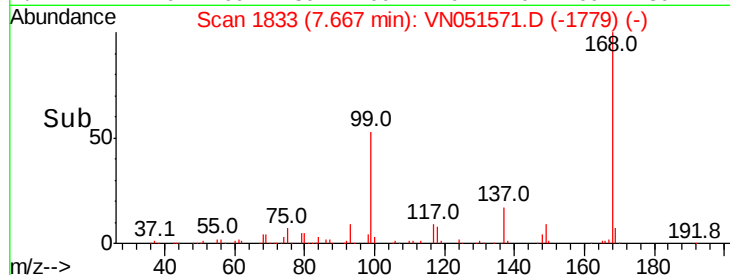
10000

5000

0

Time-->

7.60 7.65 7.70 7.75



#37

Ethyl Acetate

Concen: 0.697 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.08 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

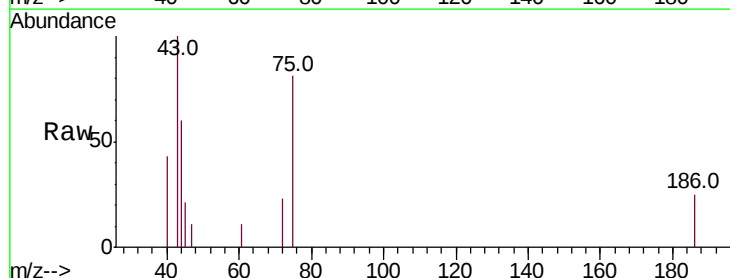
Tgt Ion: 43 Resp: 4775

Ion Ratio Lower Upper

43 100

61 1.3 11.5 17.3#

70 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051393.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051393.D (-1592) (-)

Time-->

6.75 6.80 6.85 6.90

6.85

2000

1500

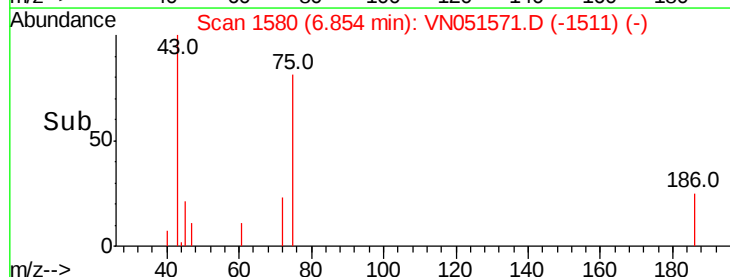
1000

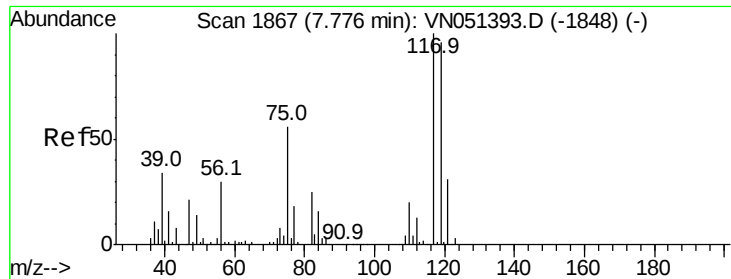
500

0

Time-->

6.75 6.80 6.85 6.90





#38

Carbon Tetrachloride

Concen: 4.650 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

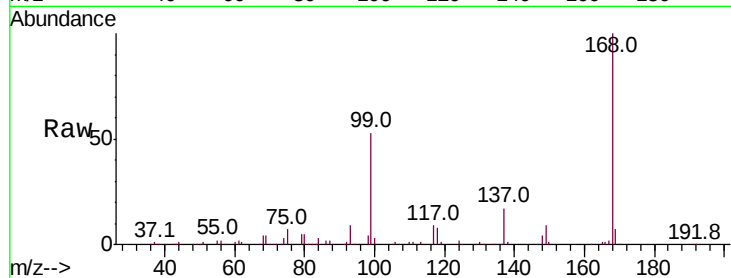
Tot Ion:117 Resp: 57917

Ion Ratio Lower Upper

117 100

119 6.9 76.9 115.3#

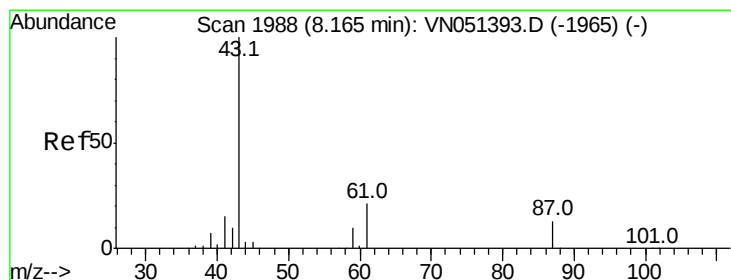
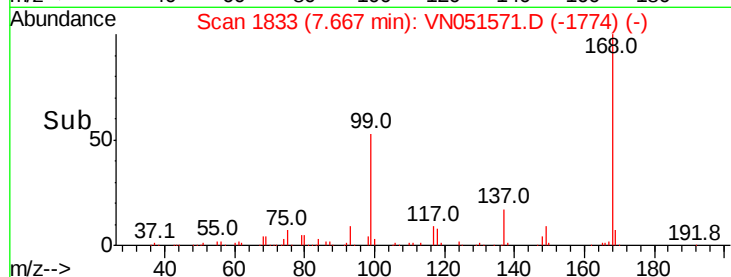
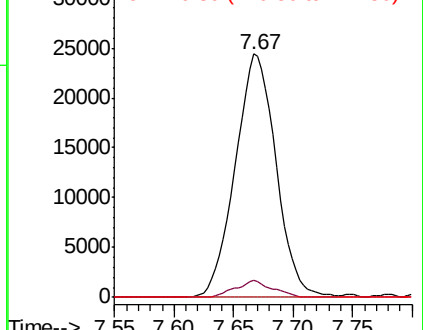
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 23.372 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

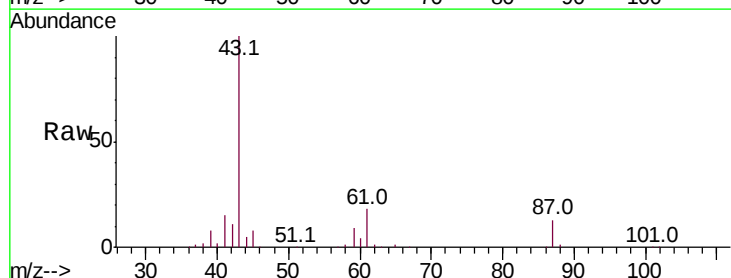
Tgt Ion: 43 Resp: 289385

Ion Ratio Lower Upper

43 100

61 17.1 16.8 25.2

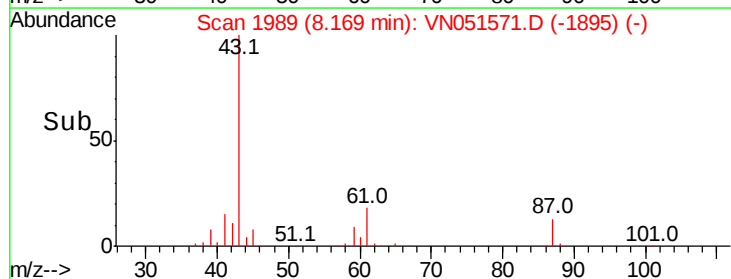
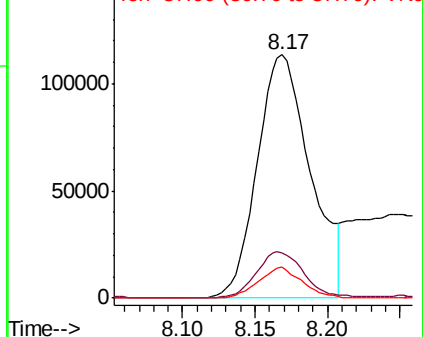
87 10.4 10.7 16.1#

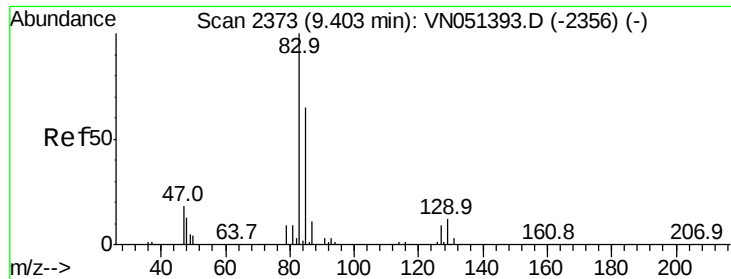


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.233 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

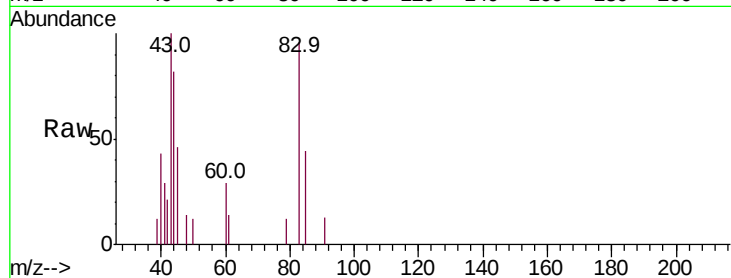
Tot Ion: 83 Resp: 2771

Ion Ratio Lower Upper

83 100

85 45.9 51.8 77.6#

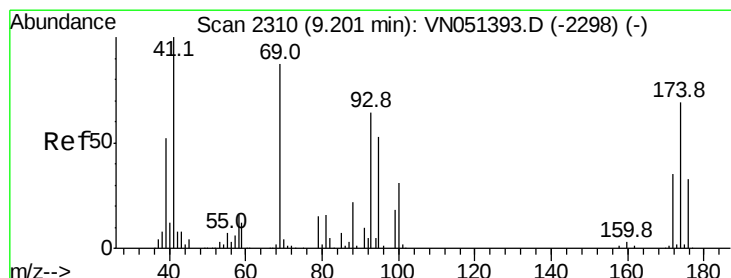
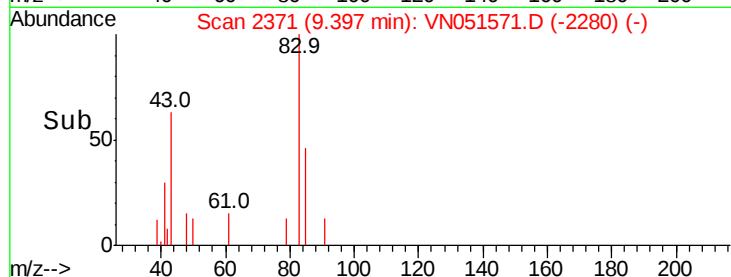
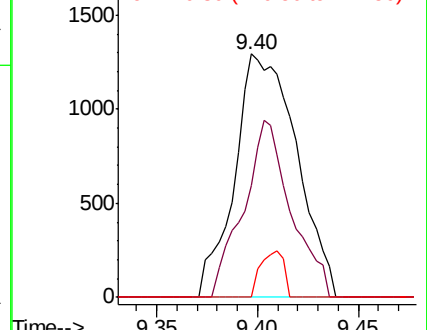
127 0.0 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.149 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

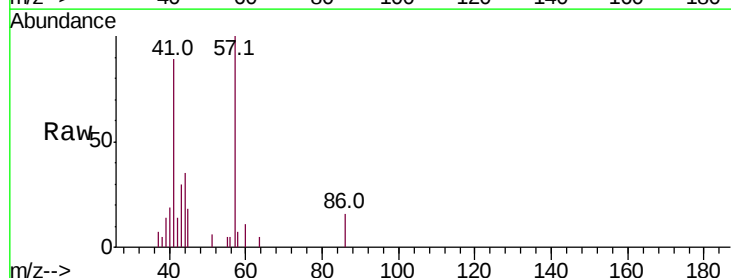
Tgt Ion: 41 Resp: 7093

Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

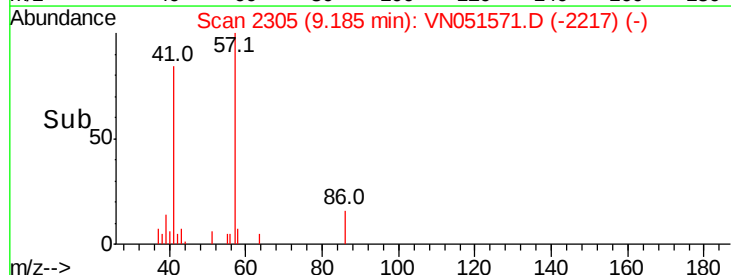
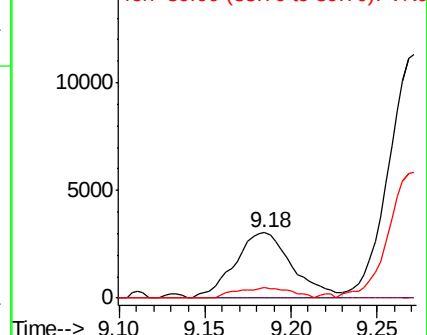
39 15.5 43.8 65.8#

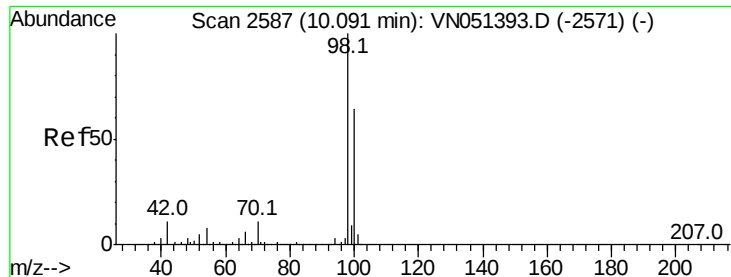


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 46.559 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

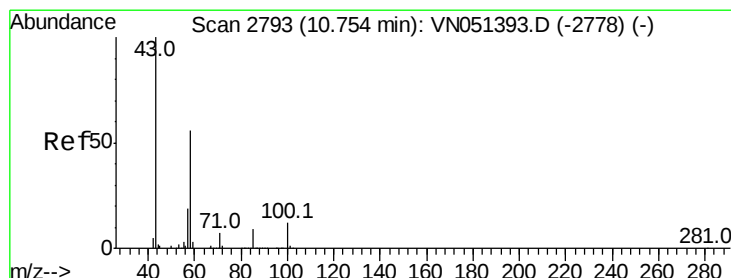
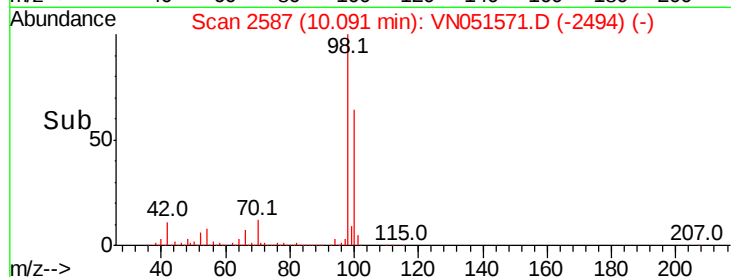
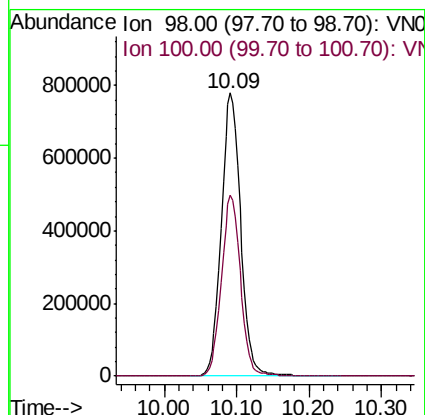
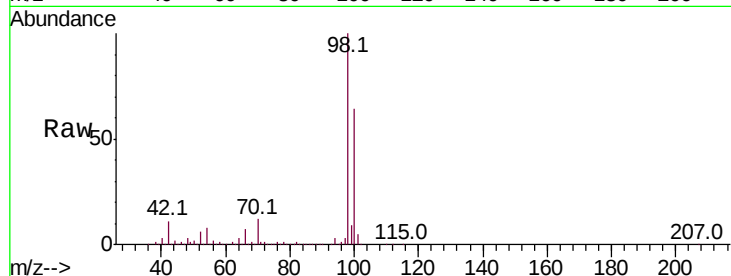
TP-1-D

Tot Ion: 98 Resp: 1441821

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8



#59

2-Hexanone

Concen: 3.473 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051571.D

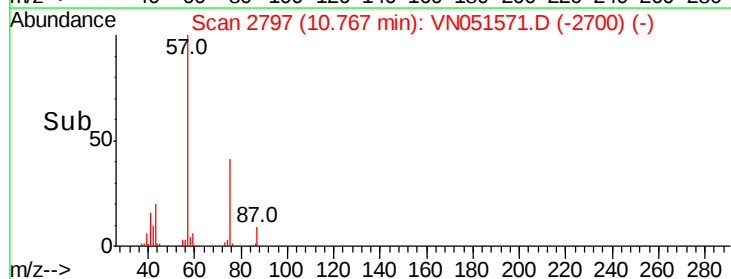
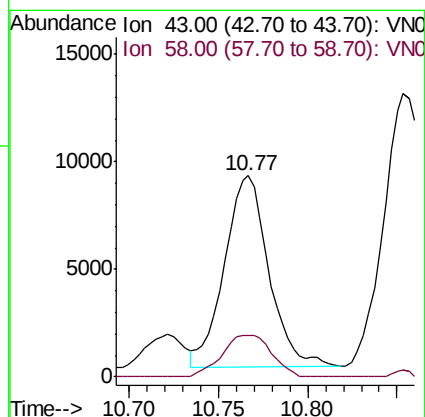
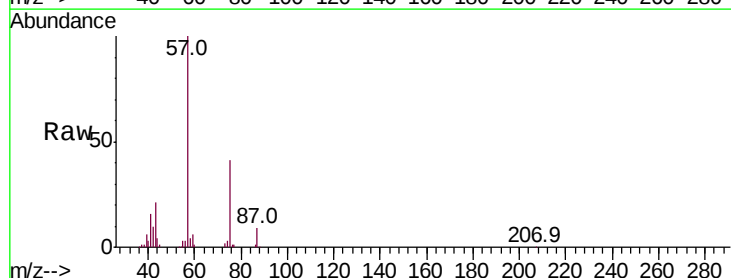
Acq: 27 Sep 2018 9:46

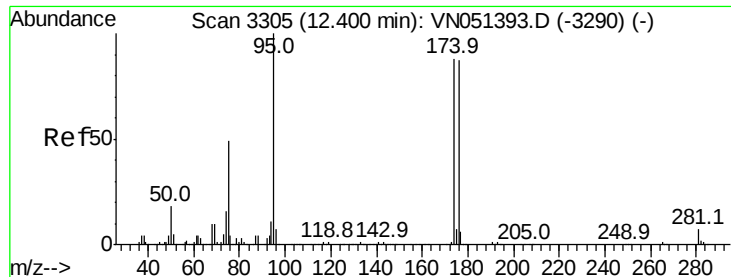
Tgt Ion: 43 Resp: 15331

Ion Ratio Lower Upper

43 100

58 24.3 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 39.480 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

TP-1-D

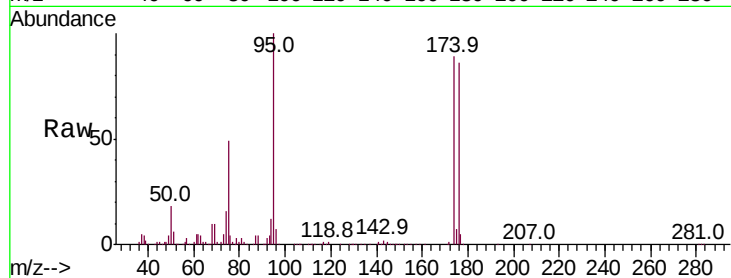
Tot Ion: 95 Resp: 395509

Ion Ratio Lower Upper

95 100

174 88.8 0.0 181.6

176 85.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

250000

200000

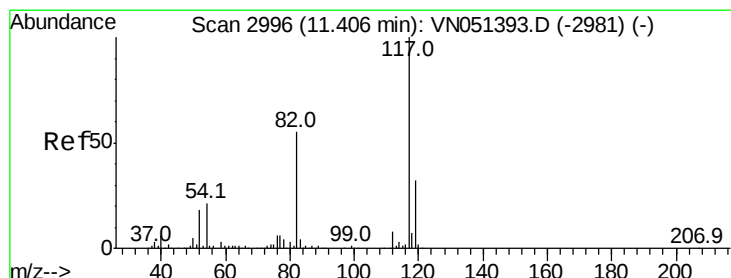
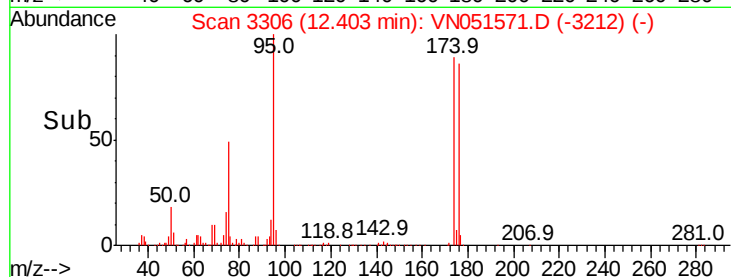
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

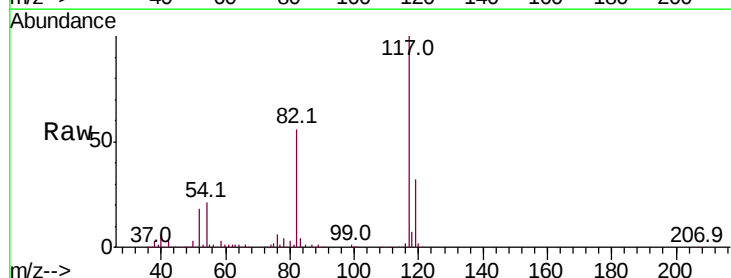
Tgt Ion: 117 Resp: 871655

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

119 32.3 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

11.41

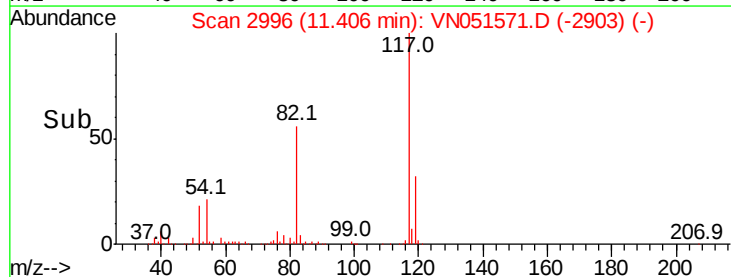
600000

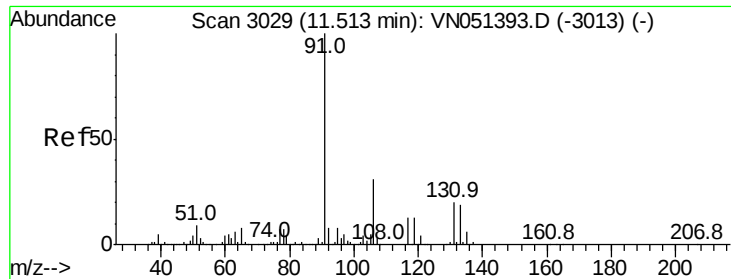
400000

200000

0

Time--> 11.30 11.40 11.50

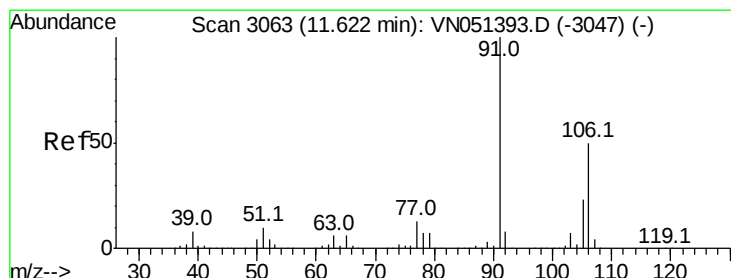
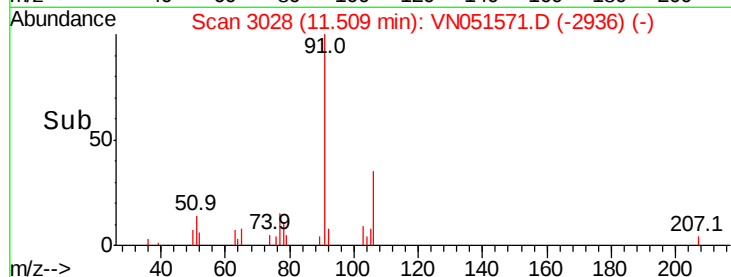
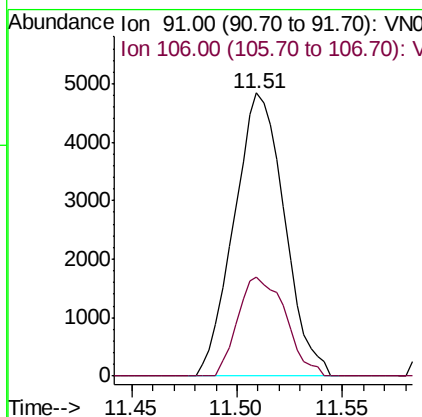
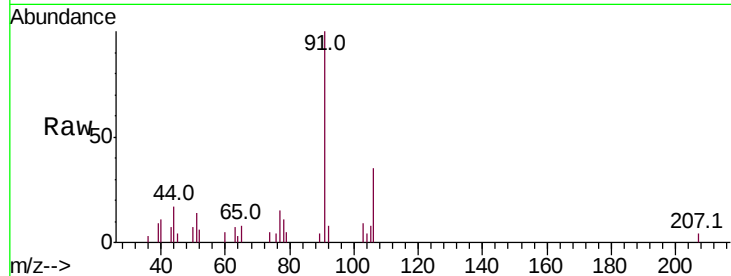




#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

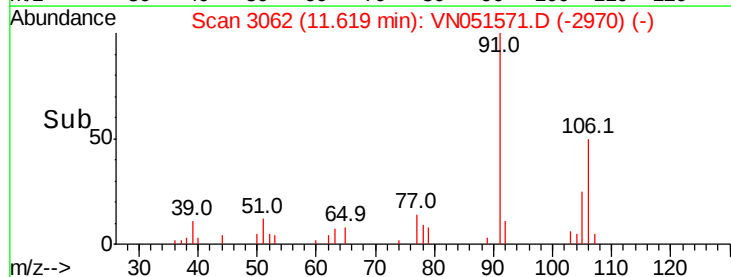
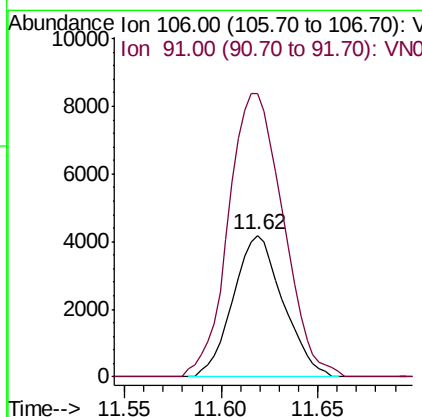
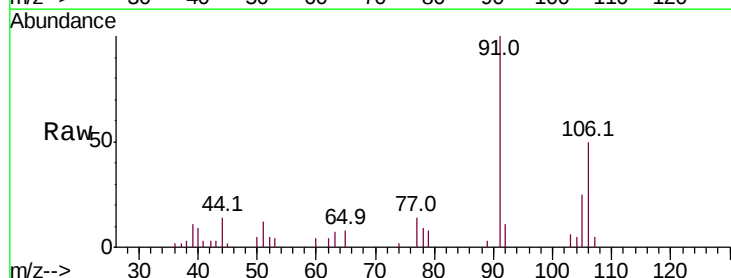
Instrument :
MSVOA_N
ClientSampled :
TP-1-D

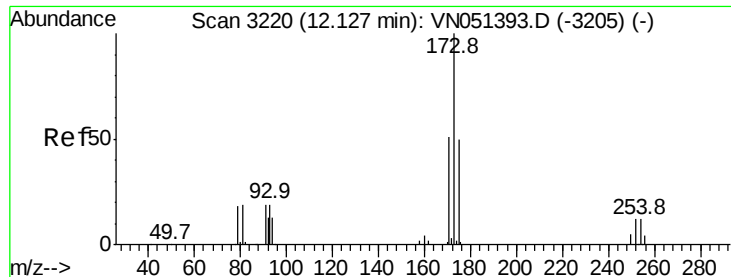
Tot Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
106 34.9 25.0 37.4



#68
m/p-Xylenes
Concen: 0.516 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

Tgt Ion: 106 Resp: 7516
Ion Ratio Lower Upper
106 100
91 218.6 161.3 241.9





#71

Bromoform

Concen: 0.465 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

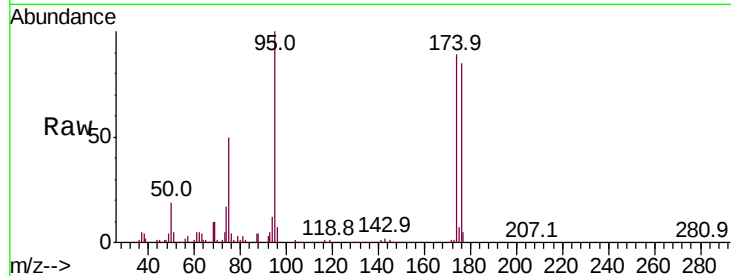
Tot Ion:173 Resp: 2688

Ion Ratio Lower Upper

173 100

175 852.6 24.8 74.3#

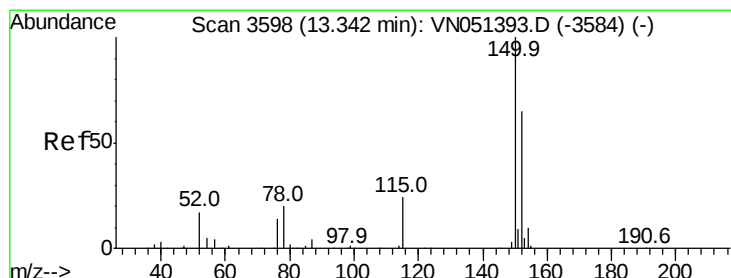
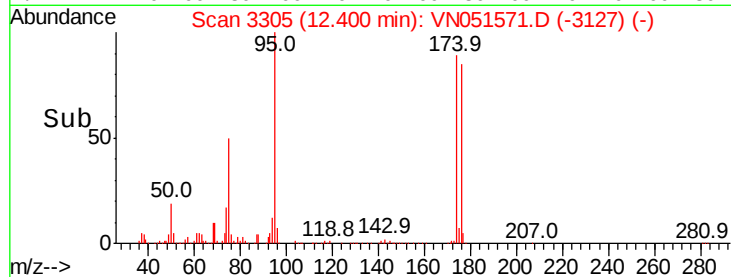
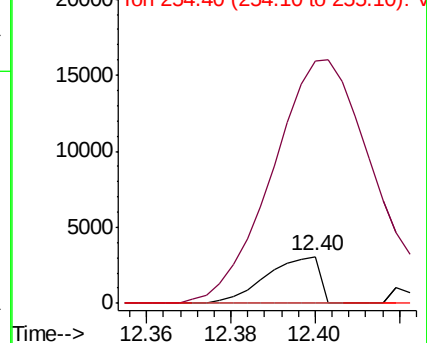
254 0.0 0.2 0.2#



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: VN051571.D

Acq: 27 Sep 2018 9:46

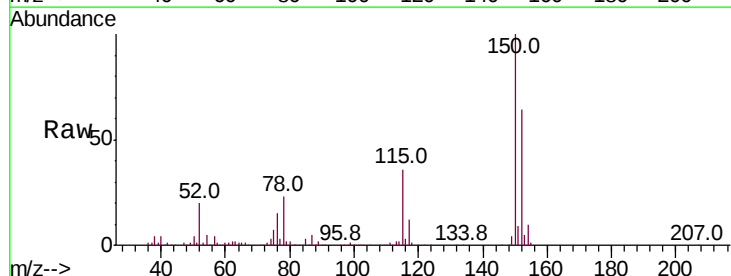
Tgt Ion:152 Resp: 329162

Ion Ratio Lower Upper

152 100

115 57.1 28.3 84.9

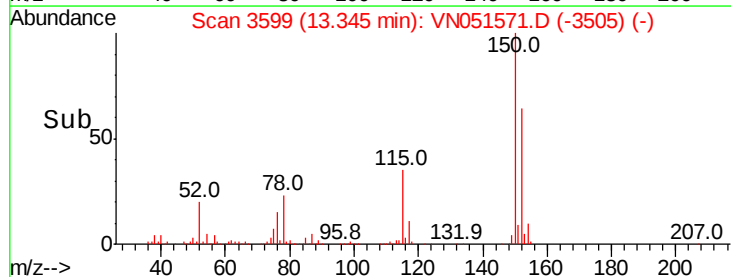
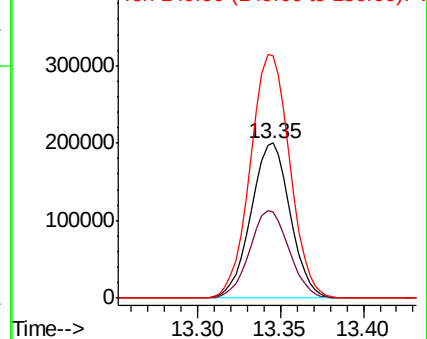
150 158.9 0.0 353.6

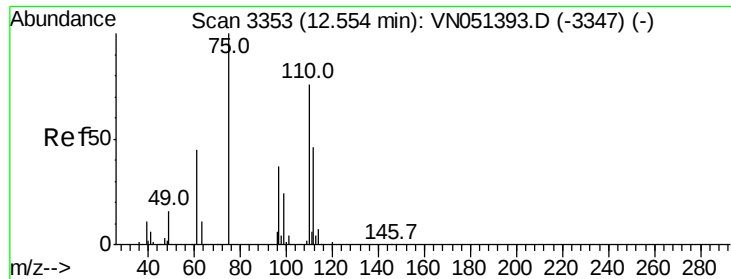


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

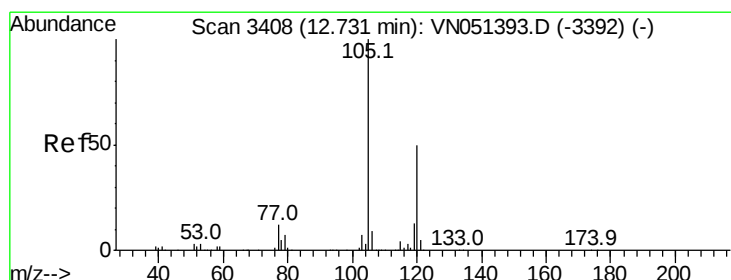
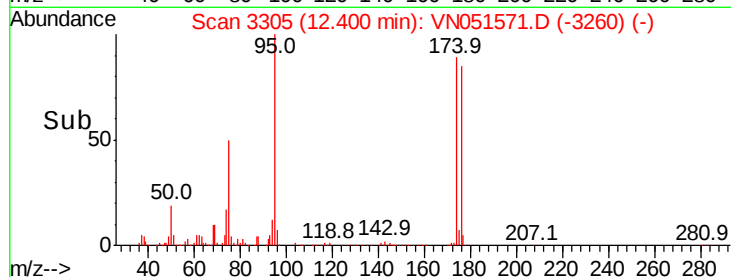
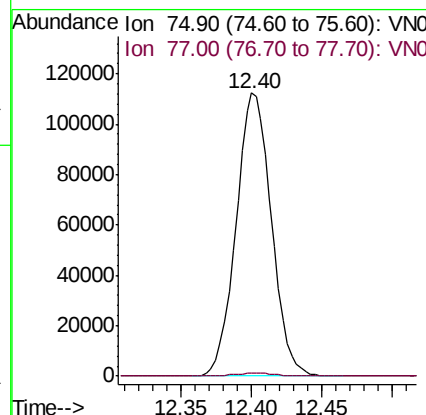
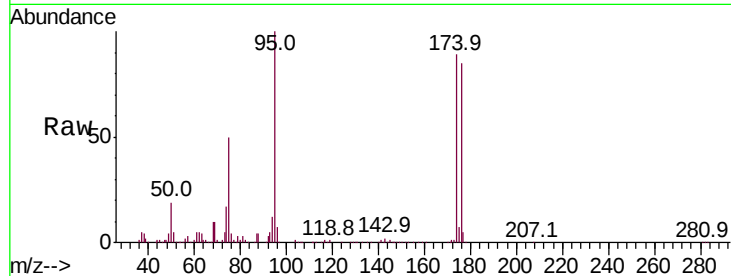




#76
 1,2,3-Trichloropropane
 Concen: 35.926 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

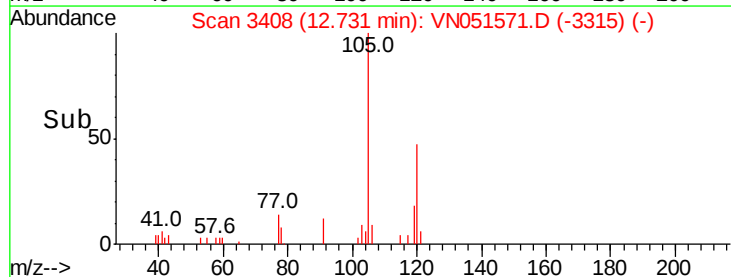
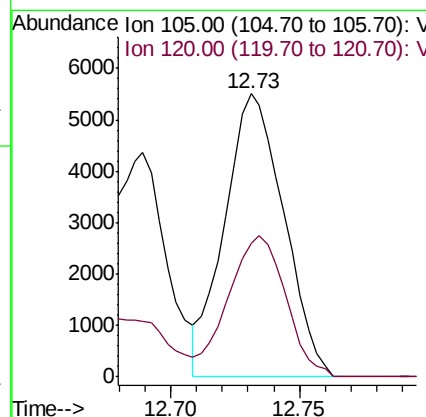
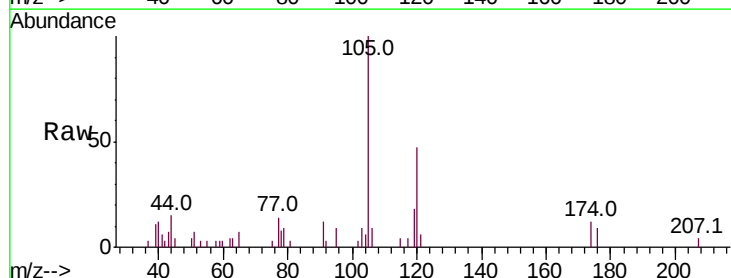
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

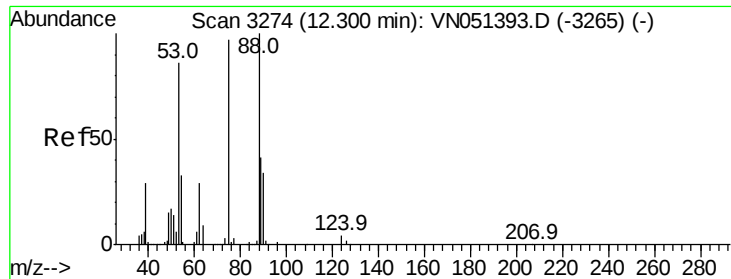
Tot Ion: 75 Resp: 196310
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.389 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

Tgt Ion: 105 Resp: 8800
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 110.470 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

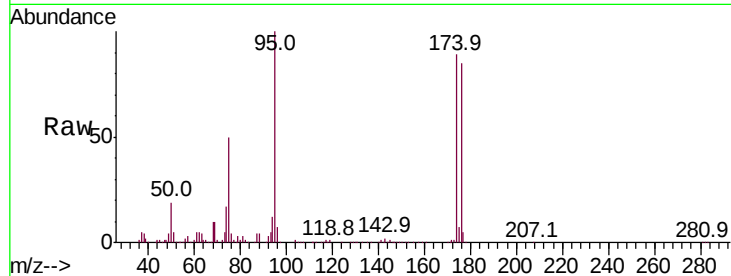
Tot Ion: 75 Resp: 196310

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

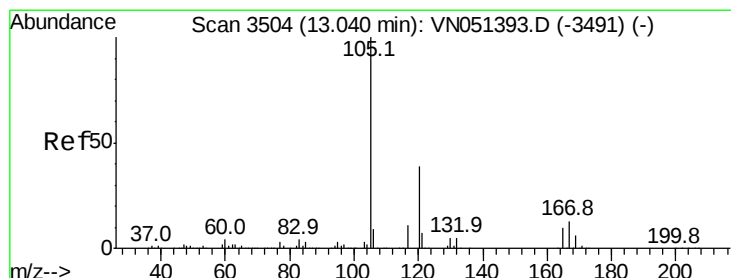
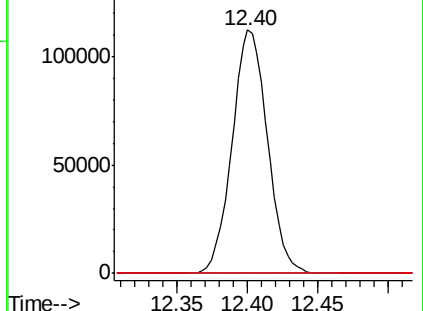
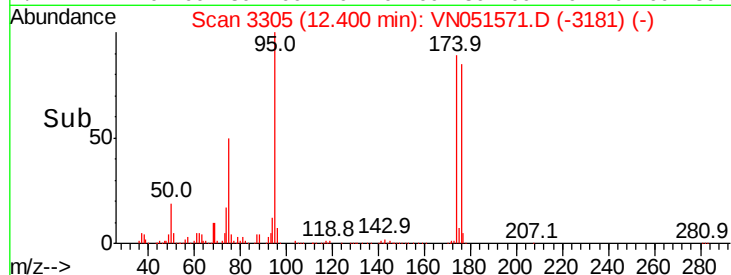
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN051393.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN051393.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.129 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051571.D

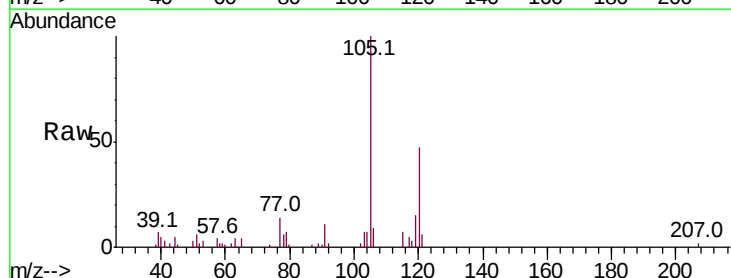
Acq: 27 Sep 2018 9:46

Tgt Ion: 105 Resp: 25771

Ion Ratio Lower Upper

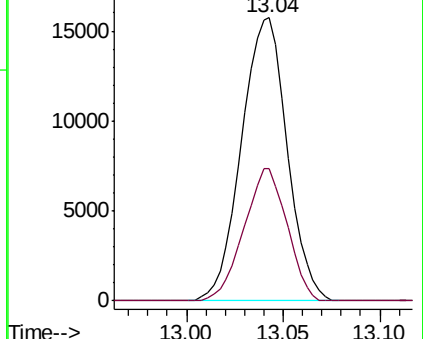
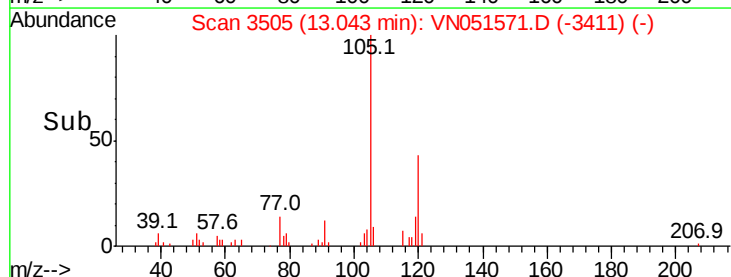
105 100

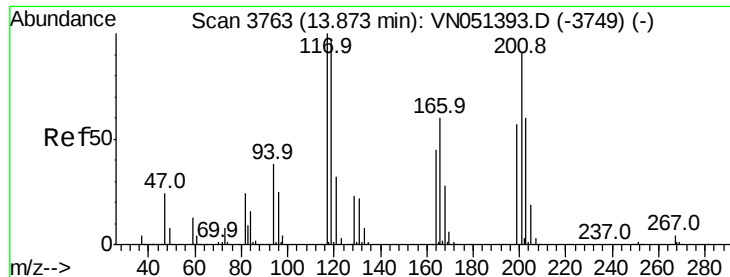
120 44.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-3491) (-)





#90

Hexachloroethane

Concen: 0.405 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

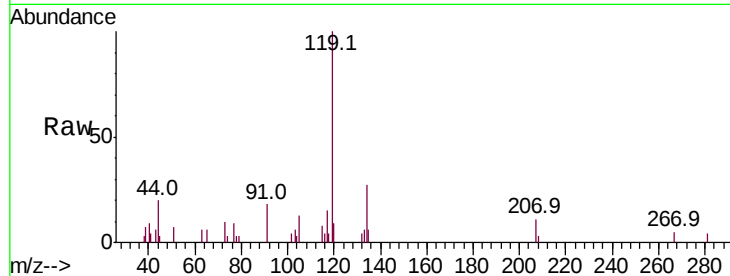
TP-1-D

Tot Ion:117 Resp: 1902

Ion Ratio Lower Upper

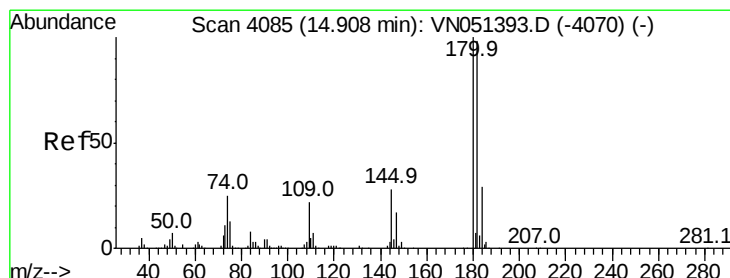
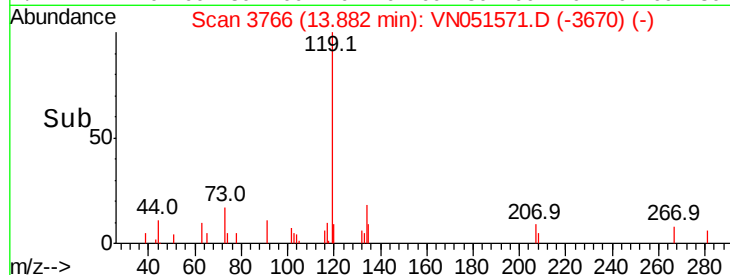
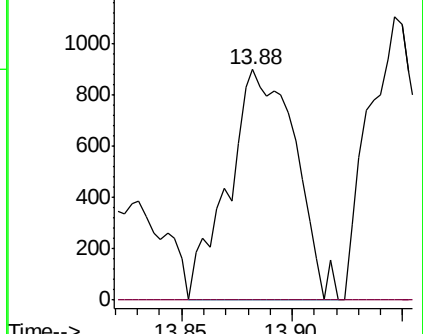
117 100

201 0.0 45.5 136.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 6.299 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

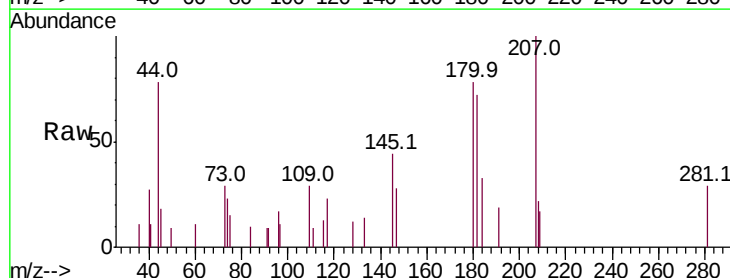
Tgt Ion:180 Resp: 2291

Ion Ratio Lower Upper

180 100

182 87.9 48.5 145.6

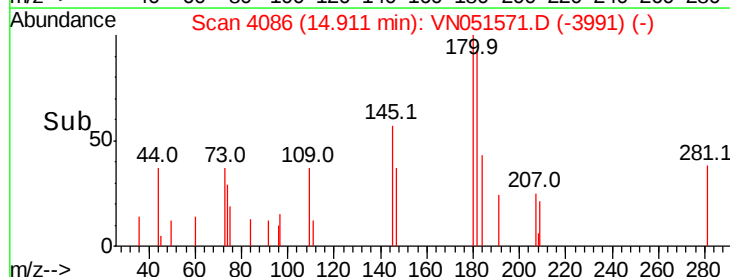
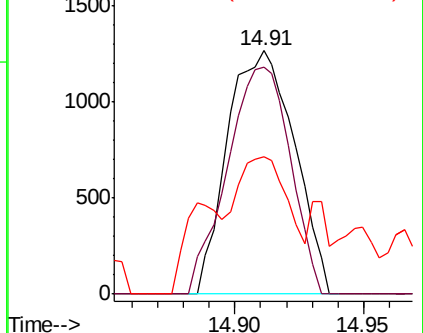
145 46.4 14.1 42.4#

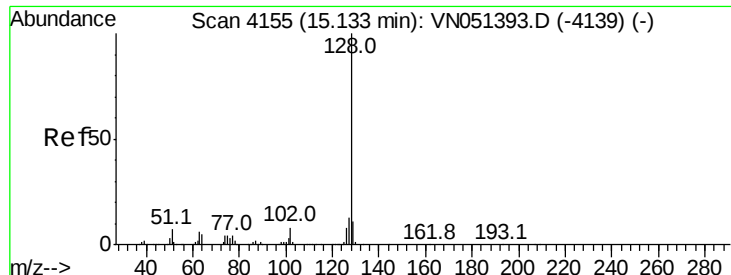


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 14.362 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

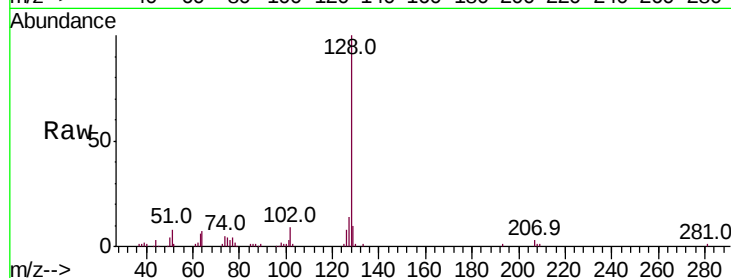
Tot Ion:128 Resp: 92148

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 10.6 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

