

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051785.D
 Acq On : 10 Oct 2018 12:51
 Operator : MD\SY
 Sample : PB113684TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

Quant Time: Oct 11 01:56:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	794209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1128581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1012825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	379137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	453668	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	7.59	113	419978	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1617456	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	466024	40.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	515	1.200	ug/l	82
5) Bromomethane	2.57	94	2437	0.222	ug/l	98
7) Trichlorofluoromethane	3.00	101	627	Below Cal	#	40
10) Methyl Iodide	3.95	142	1201	2.447	ug/l #	78
13) Acrolein	3.61	56	199	Below Cal	#	14
16) Acetone	3.82	43	16268	Below Cal		98
17) Carbon Disulfide	4.05	76	6872	0.306	ug/l	100
18) Methyl Acetate	4.33	43	6571	1.135	ug/l	95
20) Methylene Chloride	4.56	84	6497	0.753	ug/l #	89
25) 2-Butanone	6.84	43	976	0.322	ug/l #	81
29) Tetrahydrofuran	7.24	42	2005	1.078	ug/l #	54
31) Cyclohexane	7.66	56	15283	1.073	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	50914	4.316	ug/l #	49
38) Carbon Tetrachloride	7.67	117	69410	4.904	ug/l #	16
41) Methacrylonitrile	7.19	41	293	Below Cal	#	36
43) Isopropyl Acetate	8.17	43	284853	22.207	ug/l	99
48) Methyl methacrylate	9.18	41	6347	1.083	ug/l #	17
49) 1,4-Dioxane	9.20	88	69	0.785	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2413	0.371	ug/l	96
59) 2-Hexanone	10.77	43	18958	4.295	ug/l #	57
71) Bromoform	12.40	173	3840	0.514	ug/l #	1
74) N-amyl acetate	12.08	43	1470	Below Cal	#	78
75) 1,1,2,2-Tetrachloroethane	12.51	83	362	Below Cal	#	94
76) 1,2,3-Trichloropropane	12.40	75	239987	51.027	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8188	0.301	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	239987	116.355	ug/l #	14
82) 4-Chlorotoluene	12.78	91	4451	0.213	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3893	0.283	ug/l	90
88) 1,4-Dichlorobenzene	13.28	146	3893	0.287	ug/l	92
89) n-Butylbenzene	13.62	91	4957	0.219	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	3548	0.259	ug/l	87
93) 1,2,4-Trichlorobenzene	14.91	180	5408	0.888	ug/l	95
94) Hexachlorobutadiene	15.01	225	1667	0.403	ug/l	96
95) Naphthalene	15.14	128	15562	1.183	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

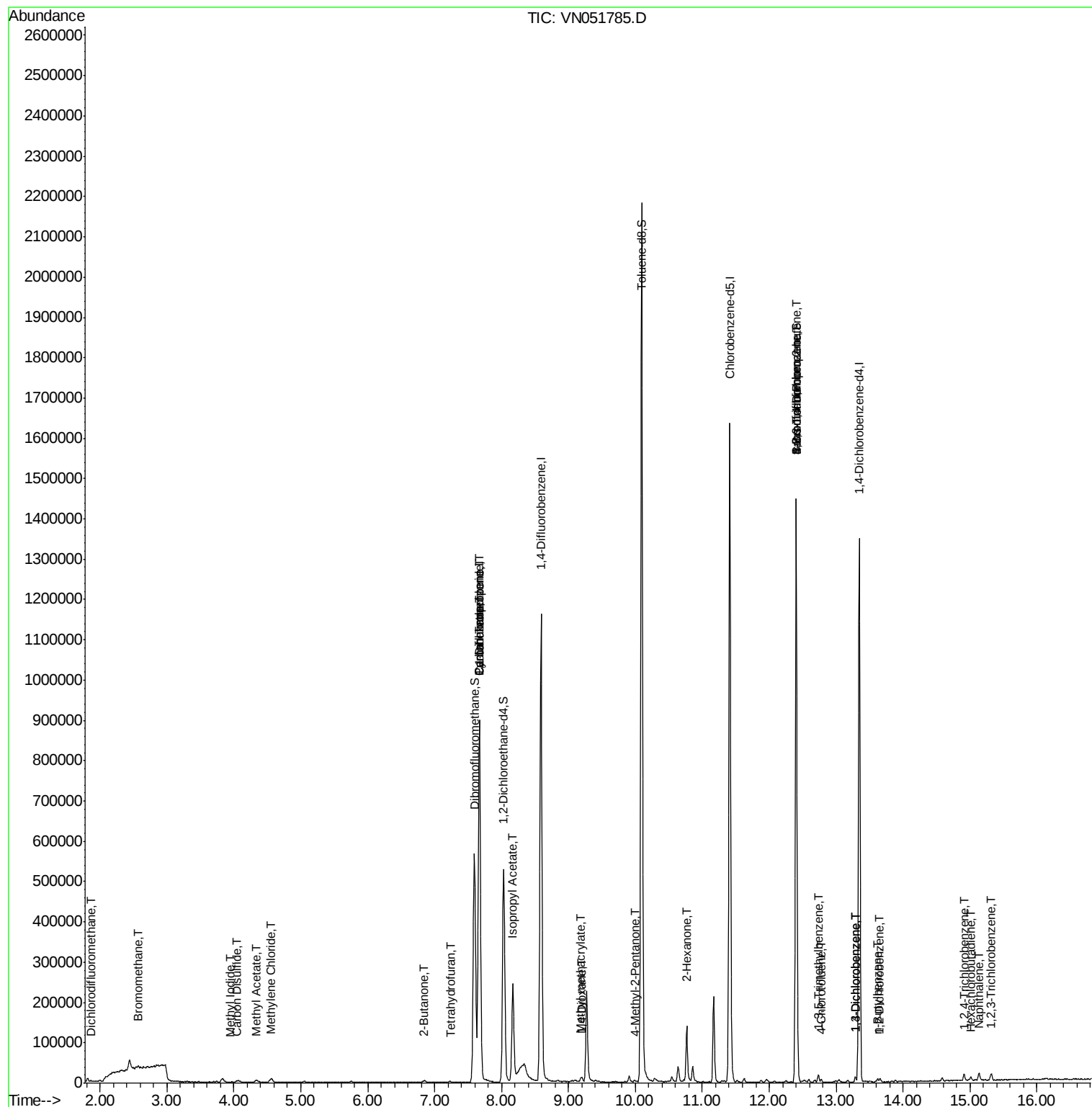
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	5892	0.982	ug/l	96

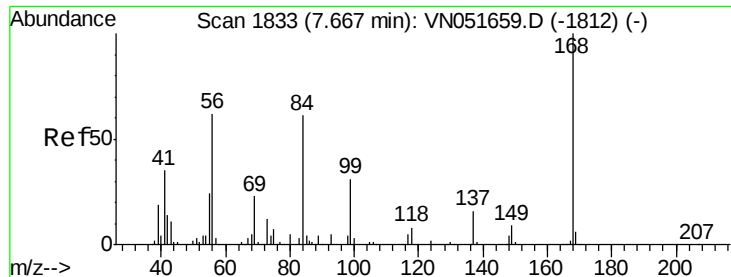
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampled :

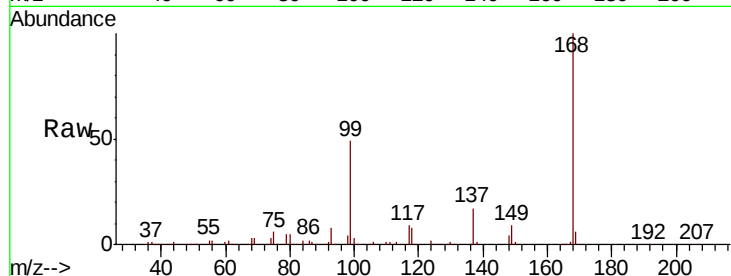
PB113684TB

Tot Ion:168 Resp: 794209

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

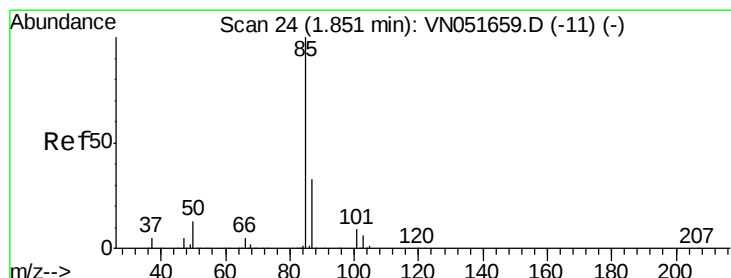
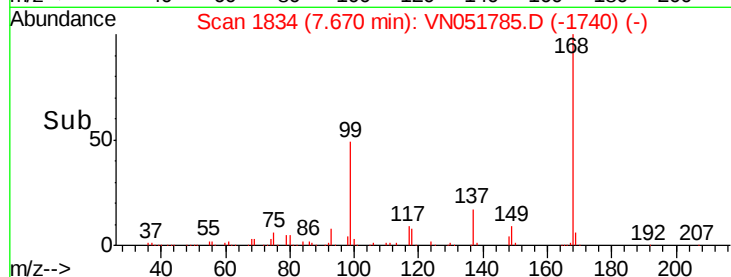
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.200 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051785.D

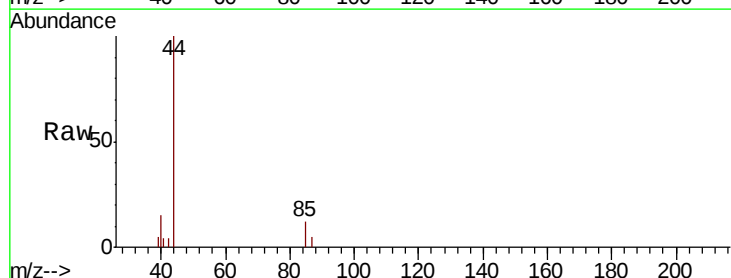
Acq: 10 Oct 2018 12:51

Tgt Ion: 85 Resp: 515

Ion Ratio Lower Upper

85 100

87 43.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

500

400

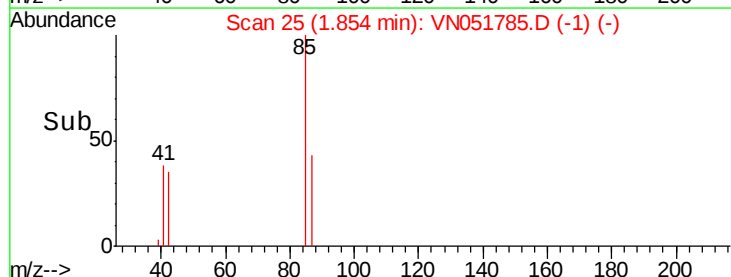
300

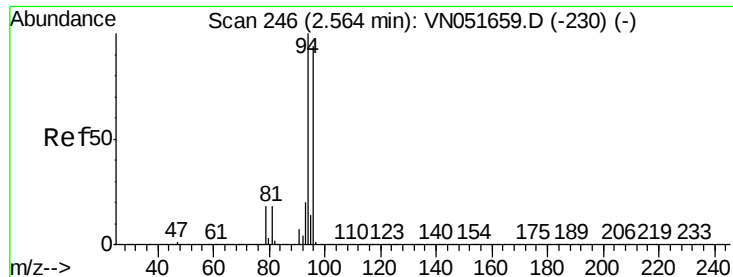
200

100

0

Time-->





#5

Bromomethane

Concen: 0.222 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

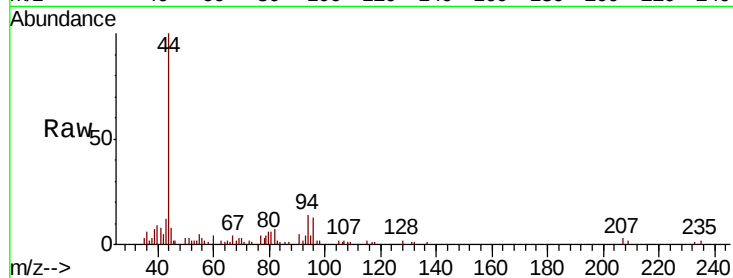
PB113684TB

Tot Ion: 94 Resp: 2437

Ion Ratio Lower Upper

94 100

96 96.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2000

1500

1000

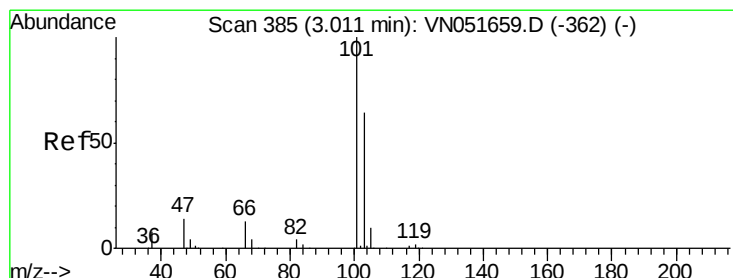
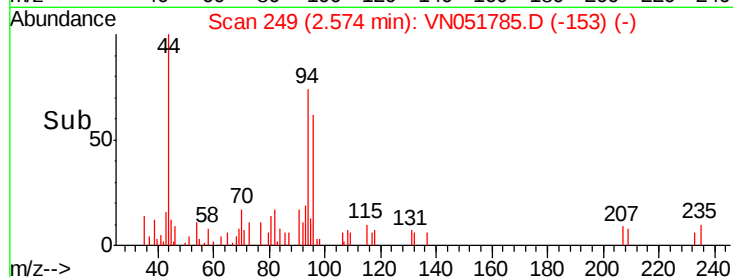
500

0

2.55

2.60

Time-->



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 382

Delta R.T. -0.01 min

Lab File: VN051785.D

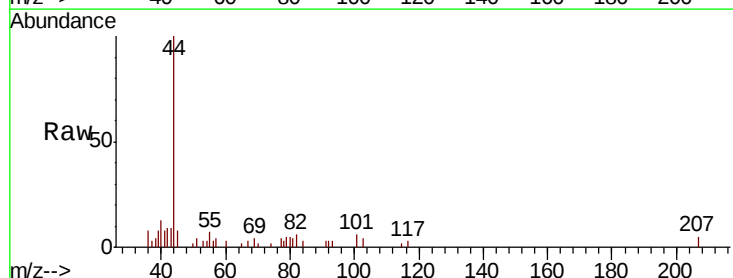
Acq: 10 Oct 2018 12:51

Tgt Ion:101 Resp: 627

Ion Ratio Lower Upper

101 100

103 16.7 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

500

400

300

200

100

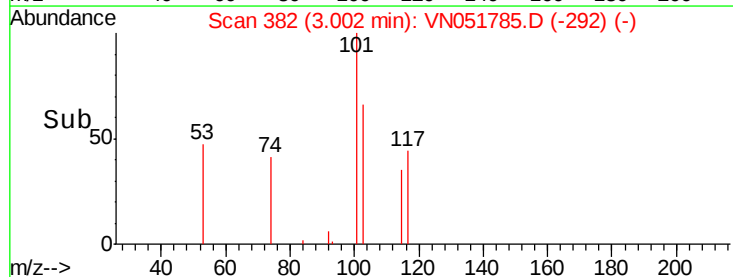
0

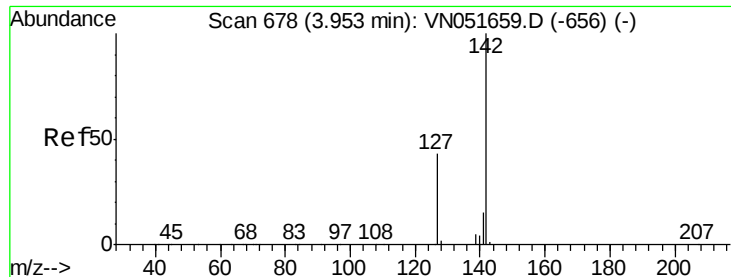
2.98

3.00

3.02

Time-->

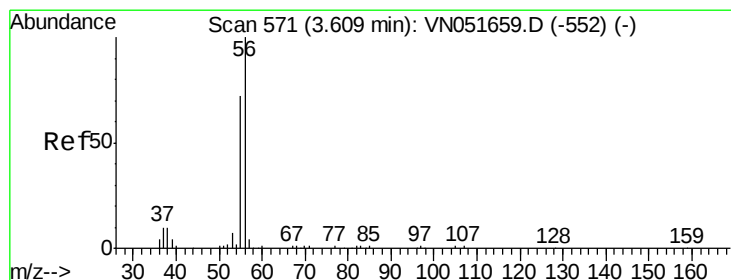
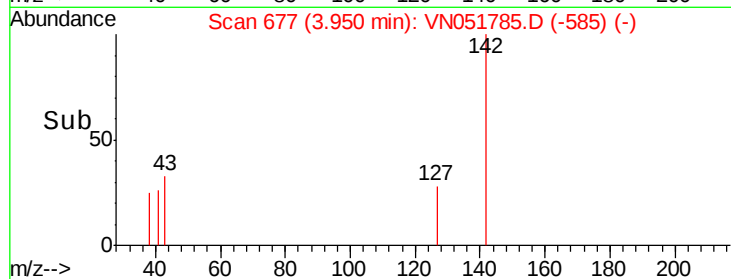
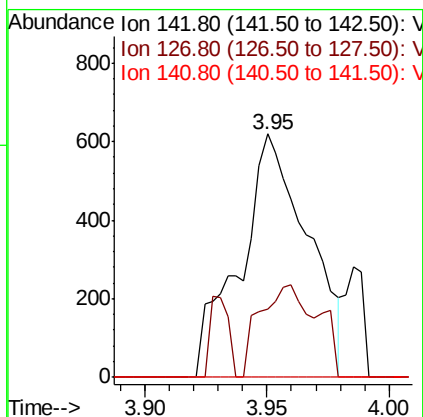
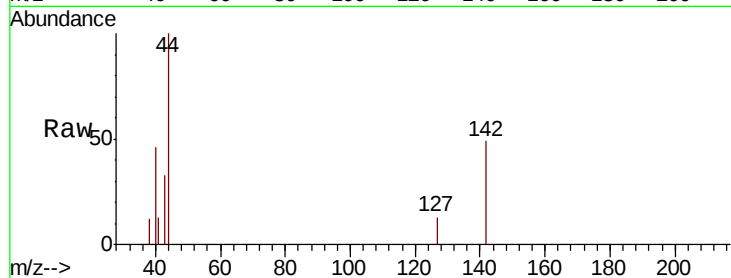




#10
Methvl Iodide
Concen: 2.447 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

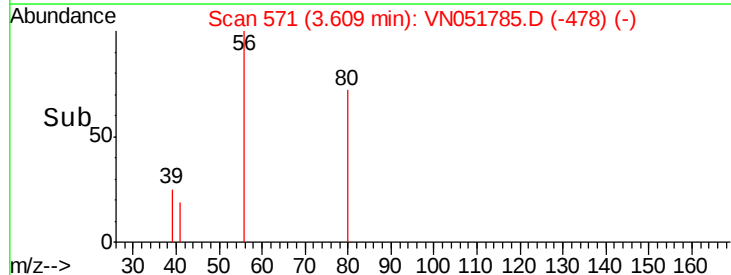
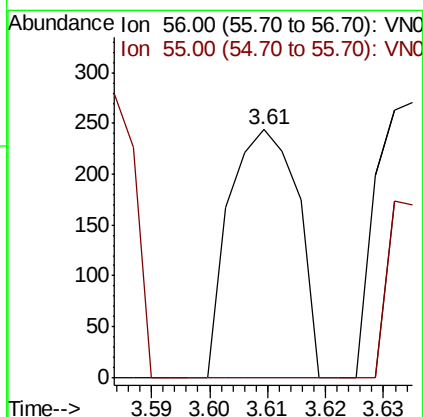
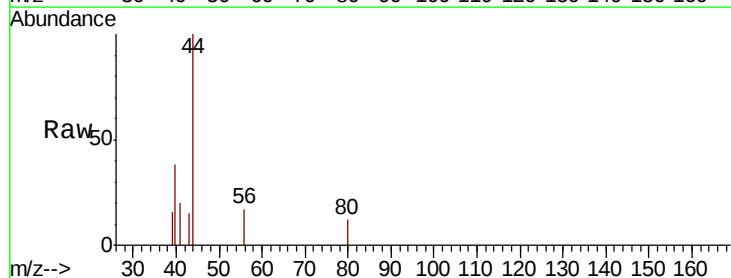
Instrument :
MSVOA_N
ClientSampleId :
PB113684TB

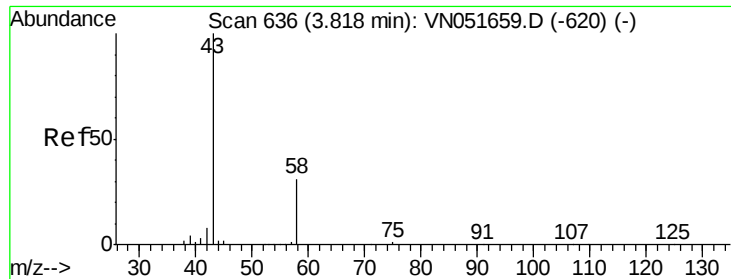
Tot Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
127 32.1 34.7 52.1#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

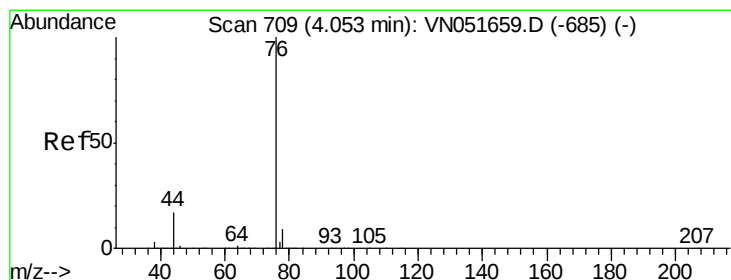
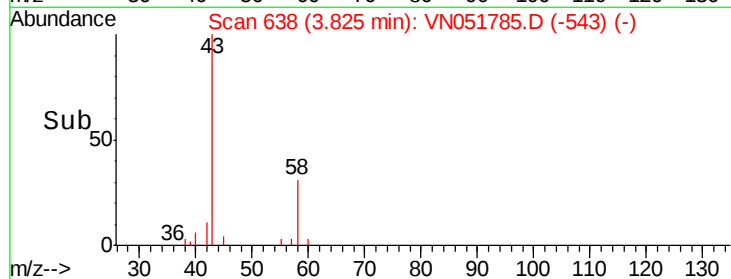
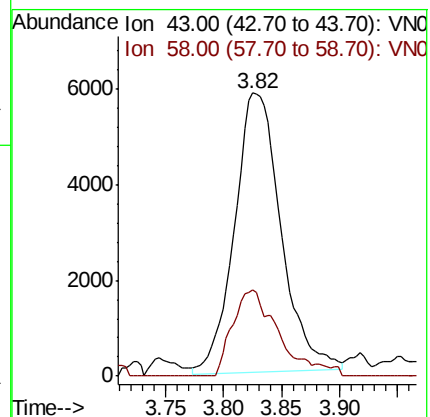
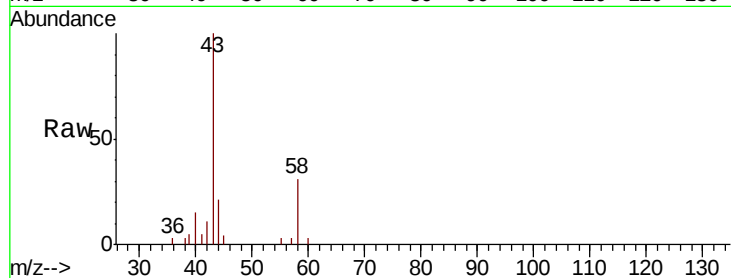
PB113684TB

Tot Ion: 43 Resp: 16268

Ion Ratio Lower Upper

43 100

58 31.5 24.3 36.5



#17

Carbon Disulfide

Concen: 0.306 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051785.D

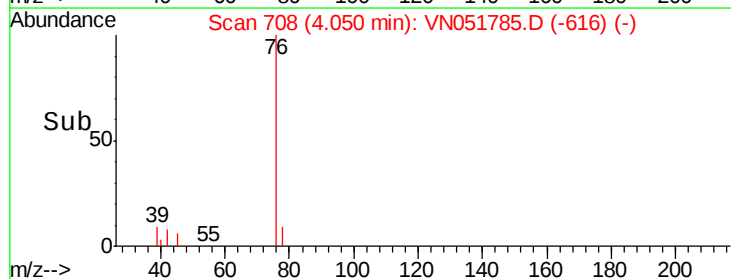
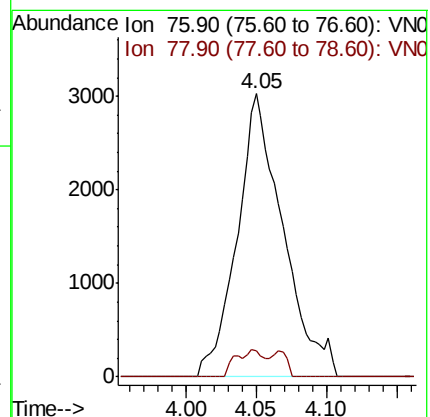
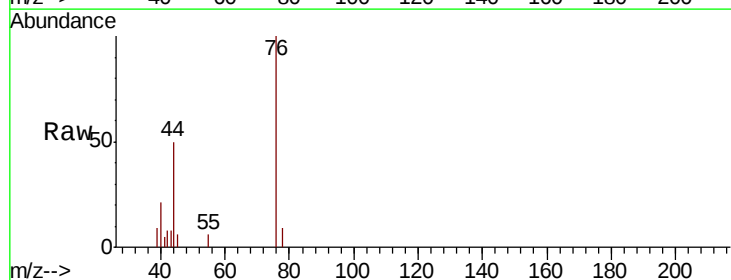
Acq: 10 Oct 2018 12:51

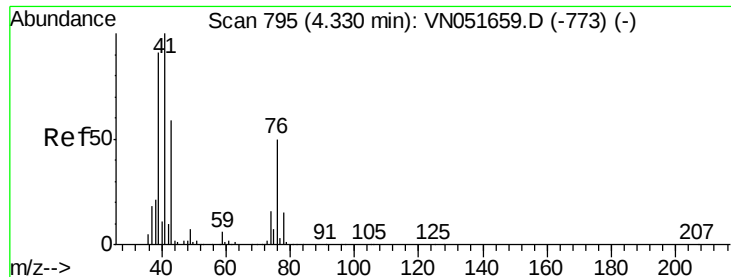
Tgt Ion: 76 Resp: 6872

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

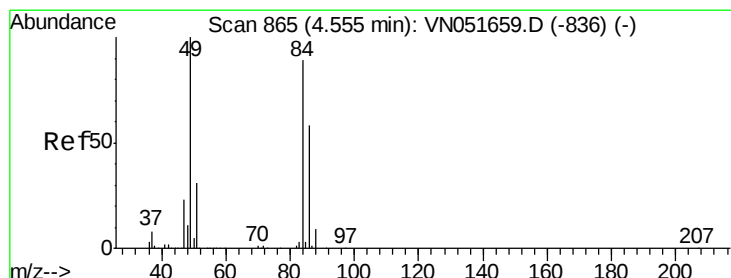
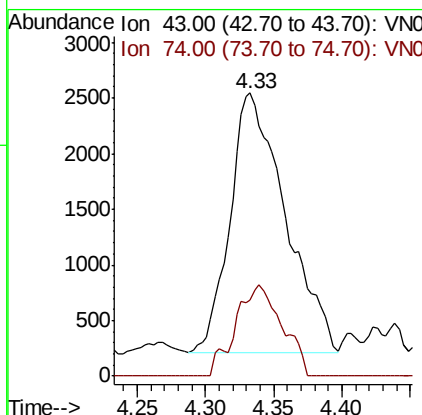
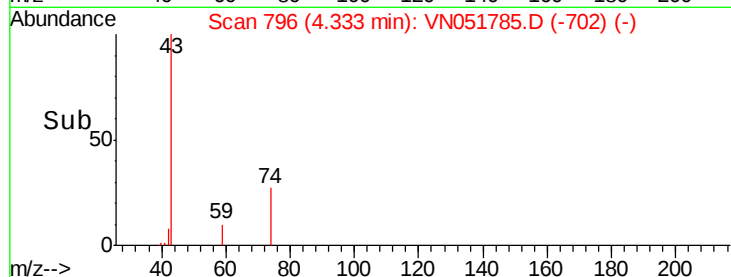
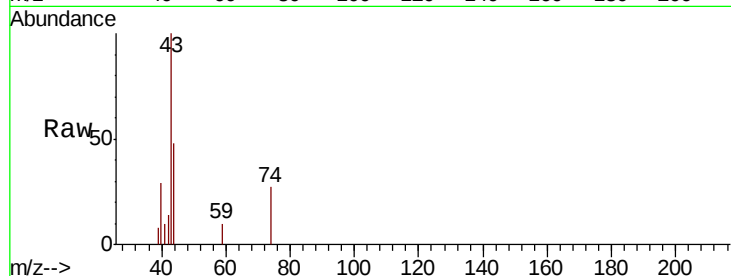




#18
Methvl Acetate
Concen: 1.135 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

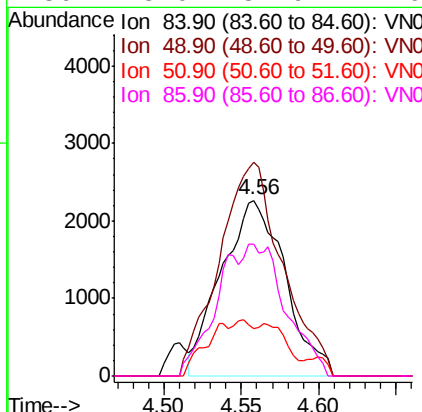
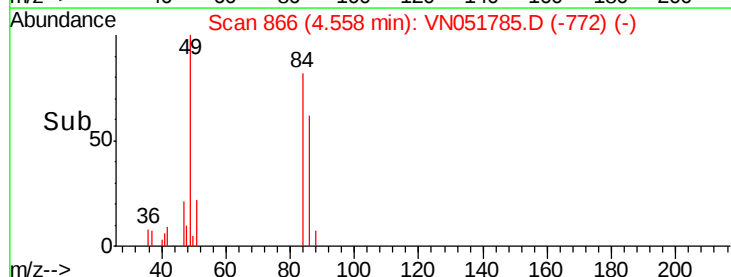
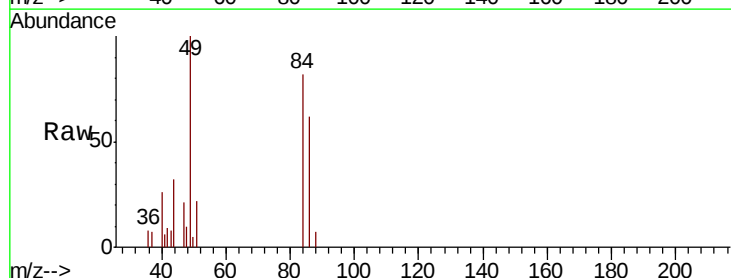
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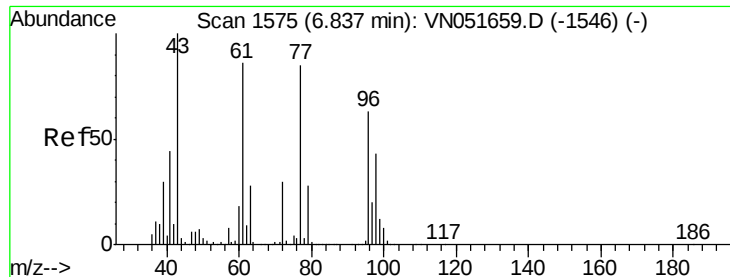
Tot Ion: 43 Resp: 6571
Ion Ratio Lower Upper
43 100
74 29.6 21.5 32.3



#20
Methylene Chloride
Concen: 0.753 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion: 84 Resp: 6497
Ion Ratio Lower Upper
84 100
49 121.4 89.5 134.3
51 27.1 27.4 41.0#
86 75.0 51.9 77.9





#25

2-Butanone

Concen: 0.322 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampled :

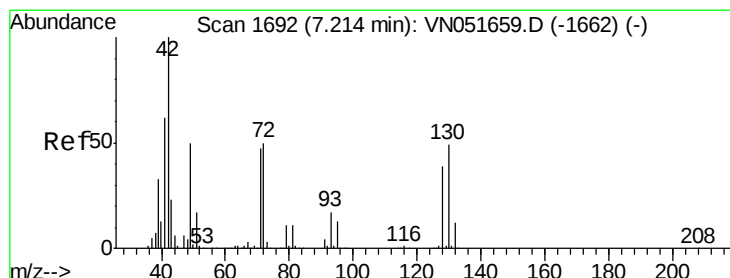
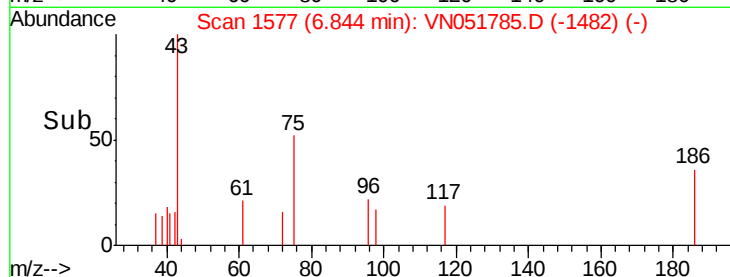
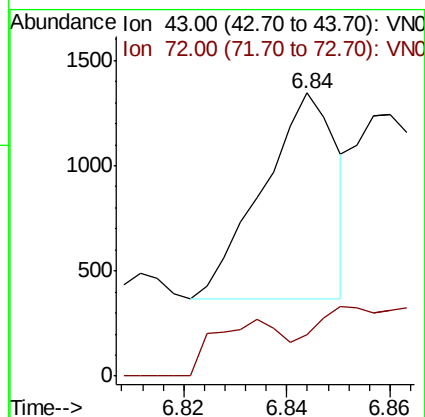
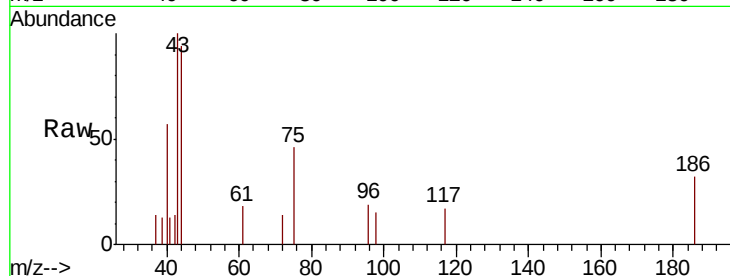
PB113684TB

Tot Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

72 19.9 24.2 36.2#



#29

Tetrahydrofuran

Concen: 1.078 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.03 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

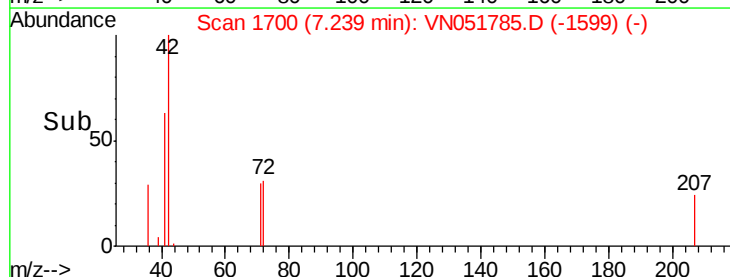
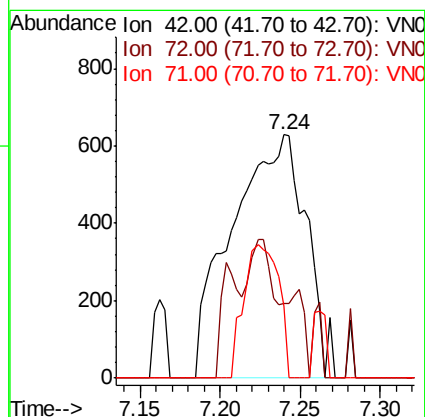
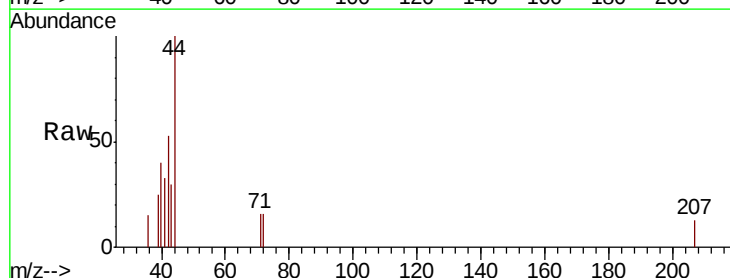
Tgt Ion: 42 Resp: 2005

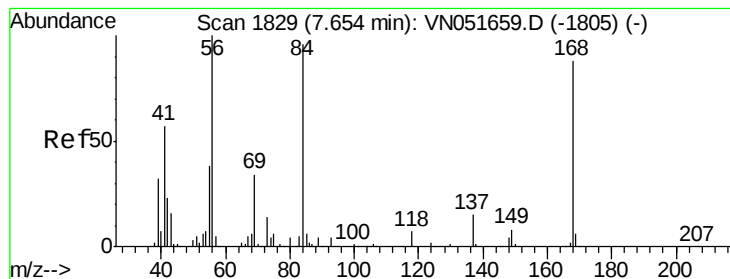
Ion Ratio Lower Upper

42 100

72 9.5 40.1 60.1#

71 25.4 38.0 57.0#





#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB113684TB

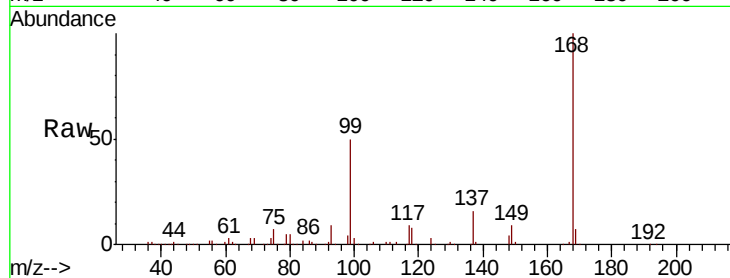
Tot Ion: 56 Resp: 15283

Ion Ratio Lower Upper

56 100

69 152.3 27.5 41.3#

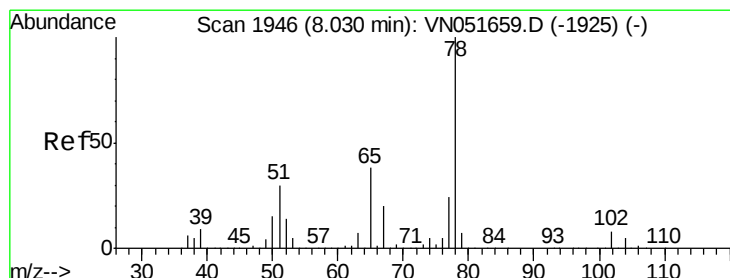
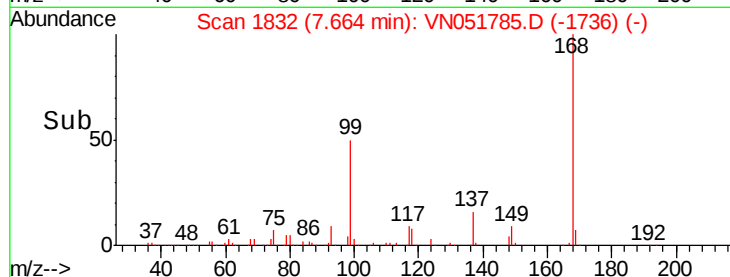
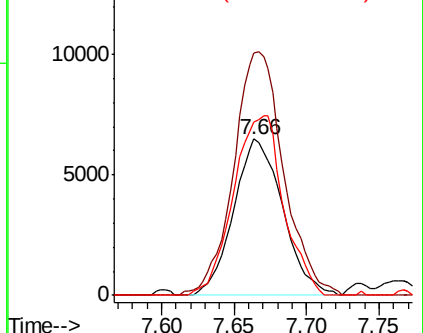
84 110.7 76.7 115.1



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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051785.D

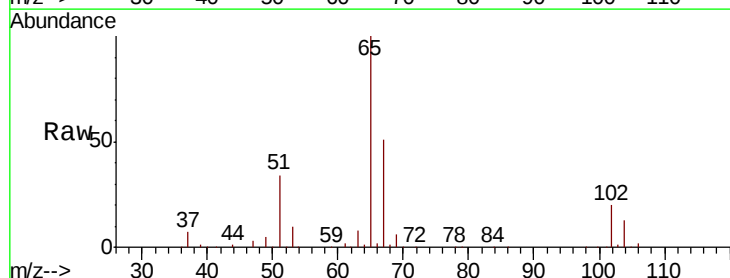
Acq: 10 Oct 2018 12:51

Tgt Ion: 65 Resp: 453668

Ion Ratio Lower Upper

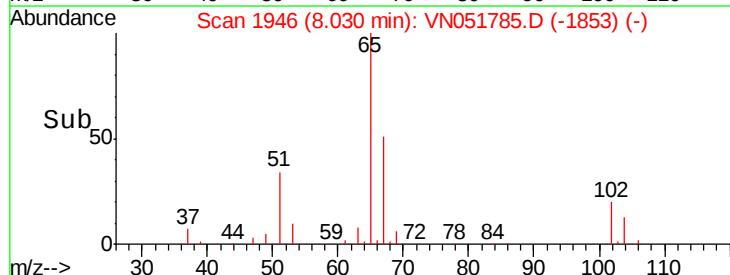
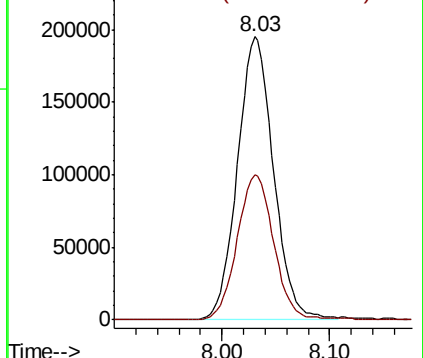
65 100

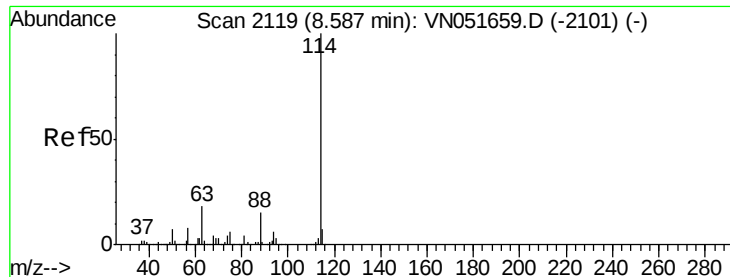
67 52.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

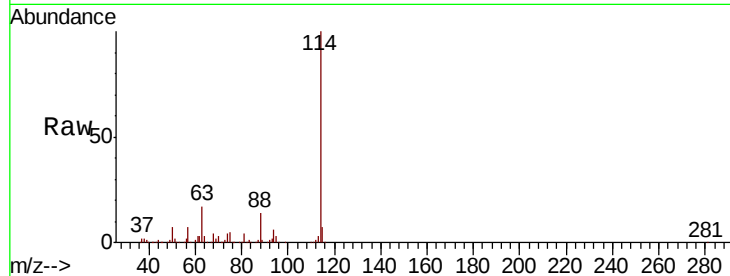




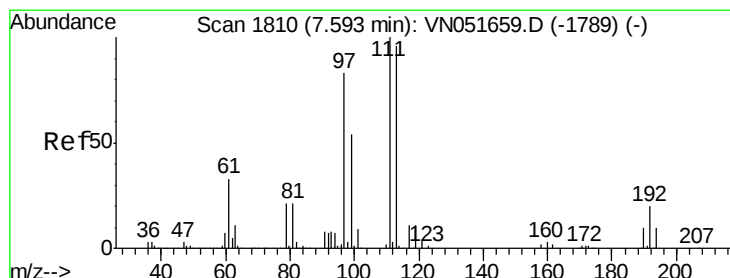
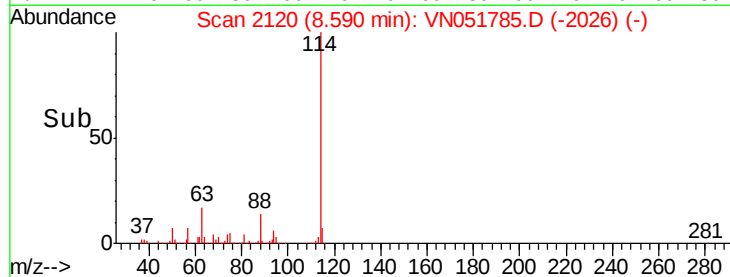
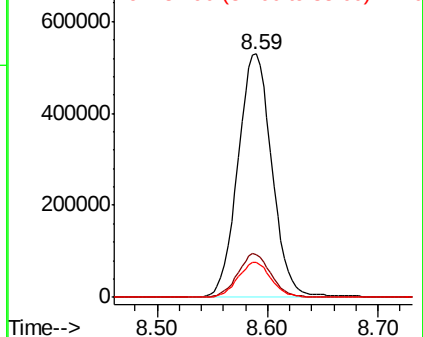
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

Tot Ion:114 Resp: 1128581
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.2
 88 14.2 0.0 30.2

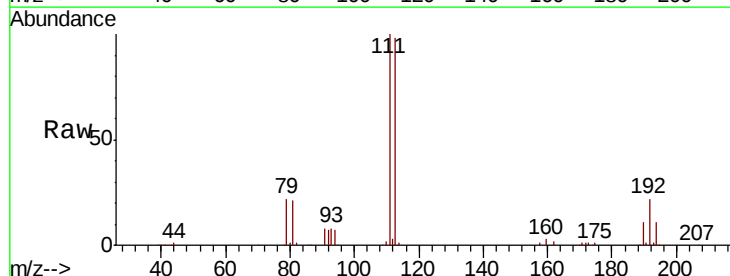


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

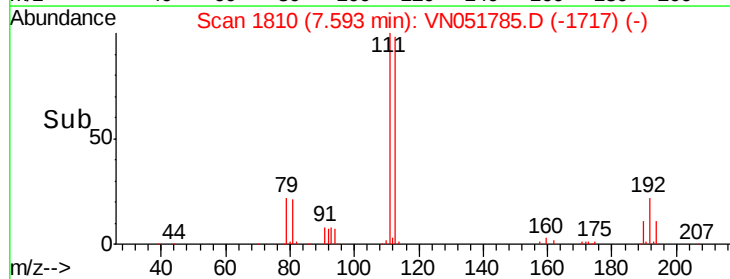
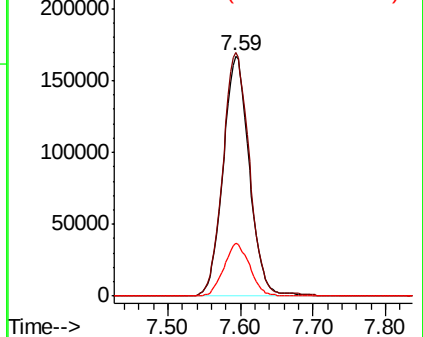


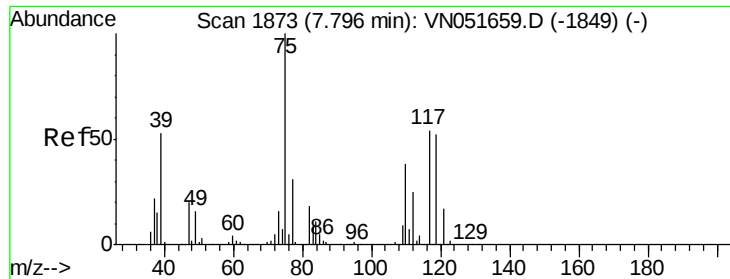
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Tgt Ion:113 Resp: 419978
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 21.6 16.5 24.7



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

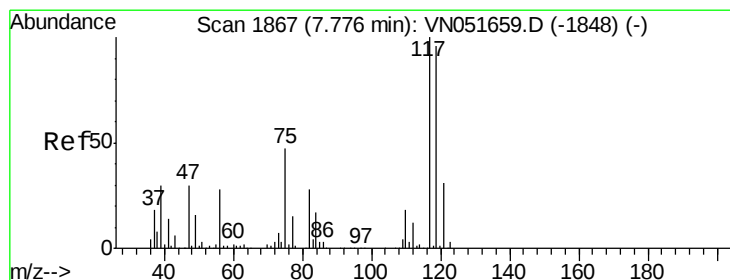
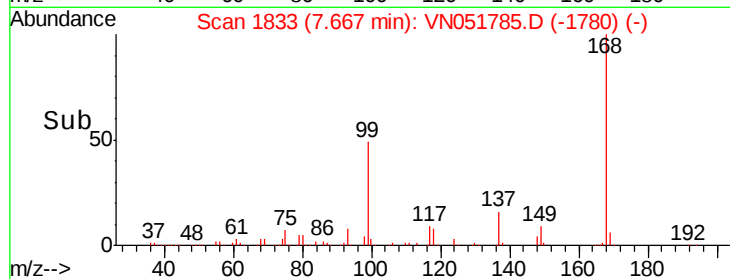
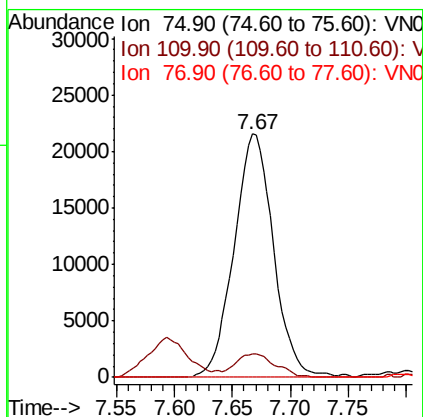
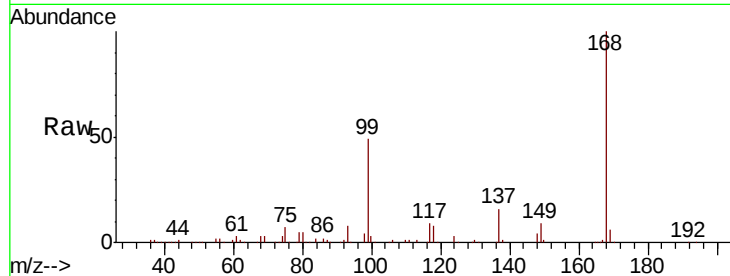




#36
 1,1-Dichloropropene
 Concen: 4.316 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

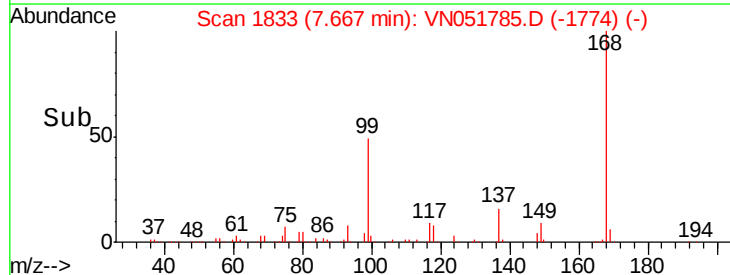
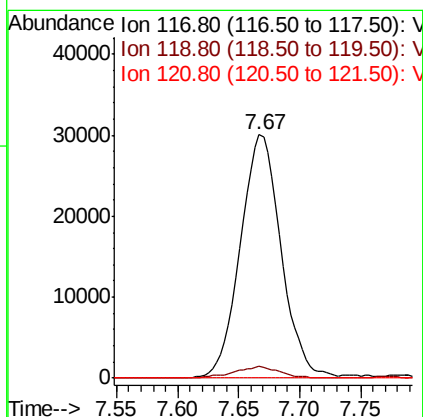
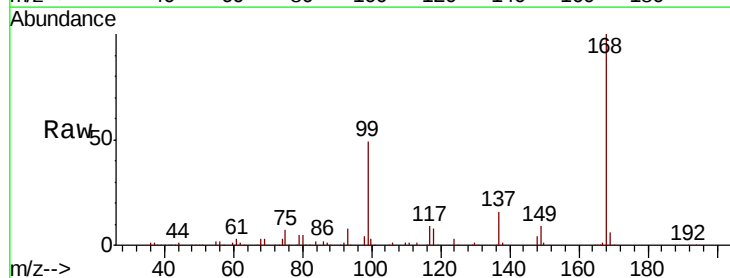
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

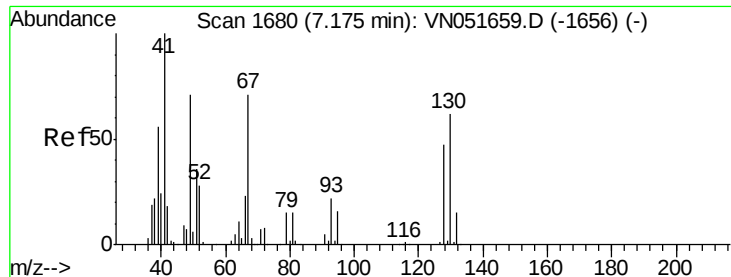
Tot Ion	75	Resp	50914
Ion Ratio	100	Lower	Upper
75	100		
110	9.8	19.3	57.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 4.904 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Tgt Ion	117	Resp	69410
Ion Ratio	100	Lower	Upper
117	100		
119	4.8	77.0	115.6#
121	0.0	25.0	37.6#

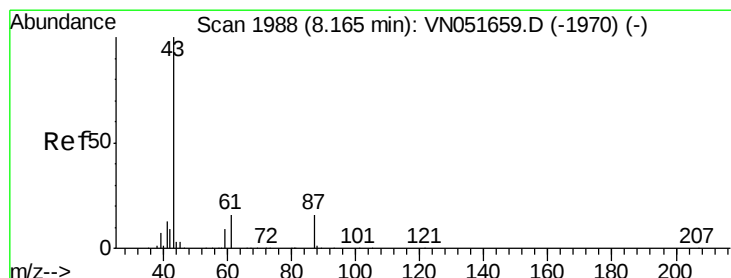
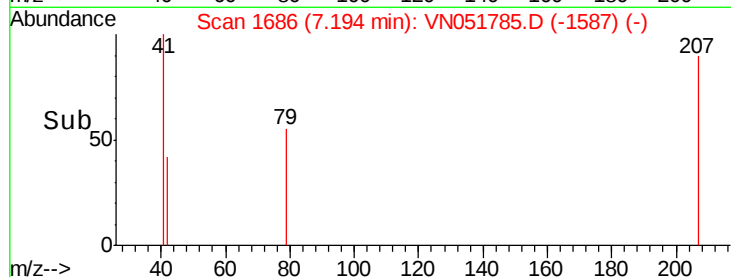
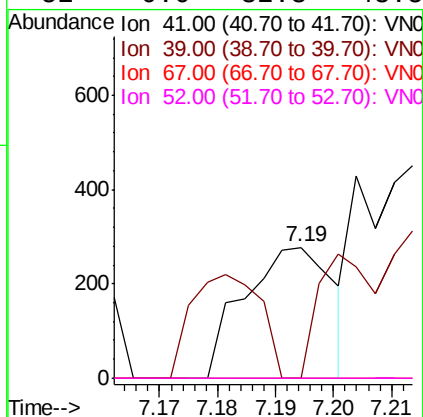
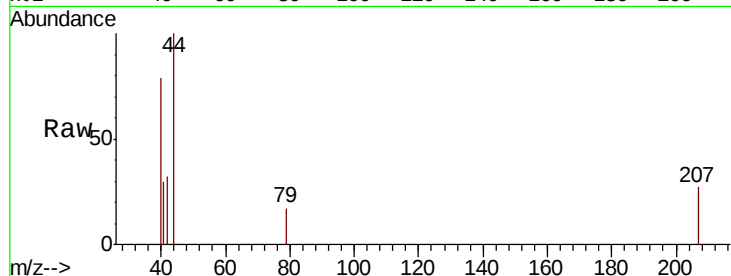




#41
Methacrylonitrile
Concen: Below Cal
RT: 7.19 min Scan# 1686
Delta R.T. 0.02 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

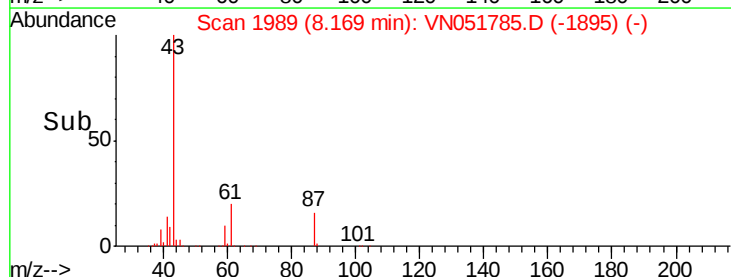
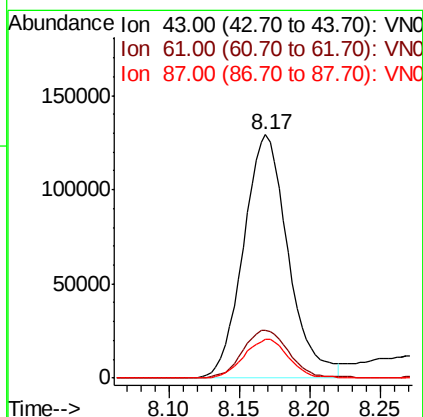
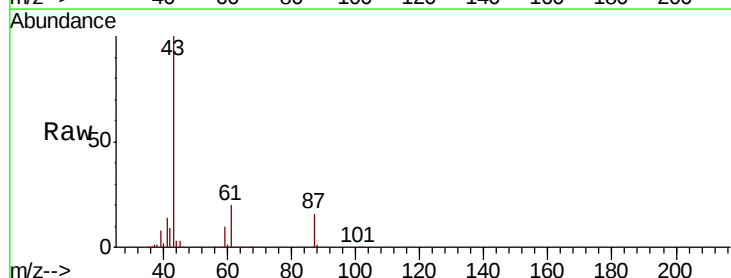
Instrument :
MSVOA_N
ClientSampled :
PB113684TB

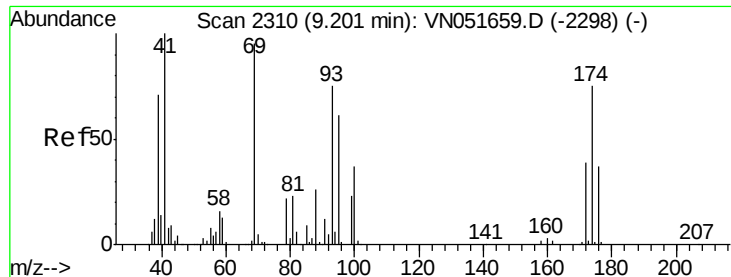
Tot Ion: 41 Resp: 293
Ion Ratio Lower Upper
41 100
39 57.7 53.9 80.9
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#



#43
Isopropyl Acetate
Concen: 22.207 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion: 43 Resp: 284853
Ion Ratio Lower Upper
43 100
61 20.3 15.8 23.6
87 16.1 12.6 19.0

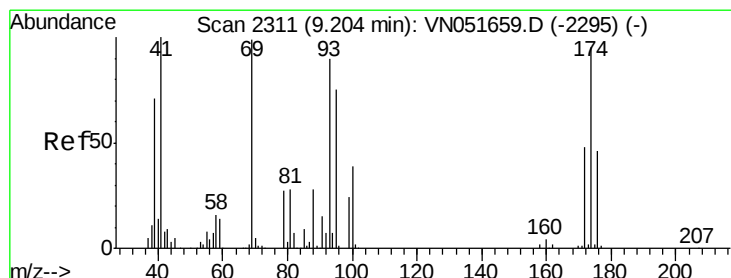
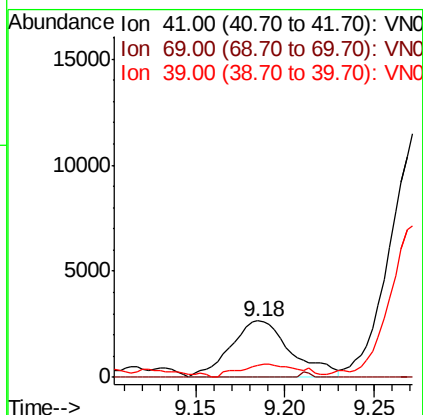
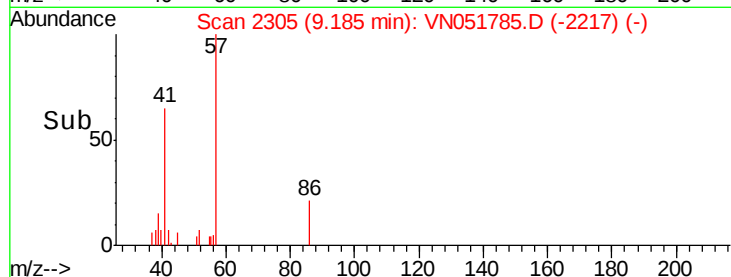
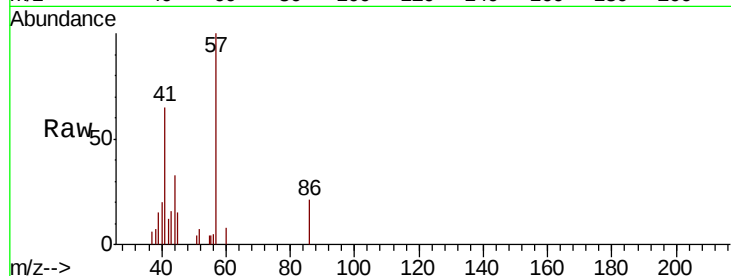




#48
Methvl methacrylate
Concen: 1.083 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

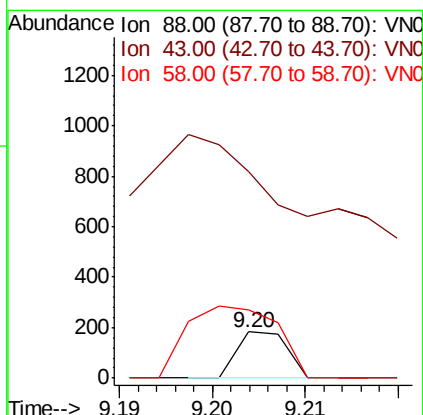
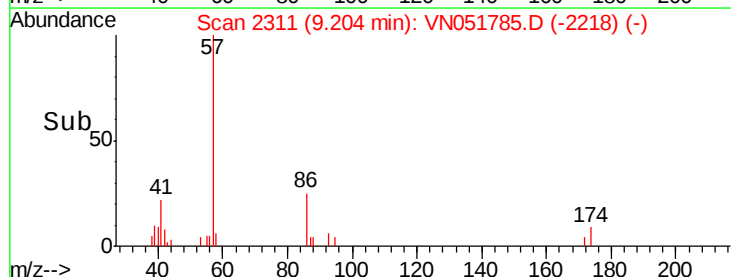
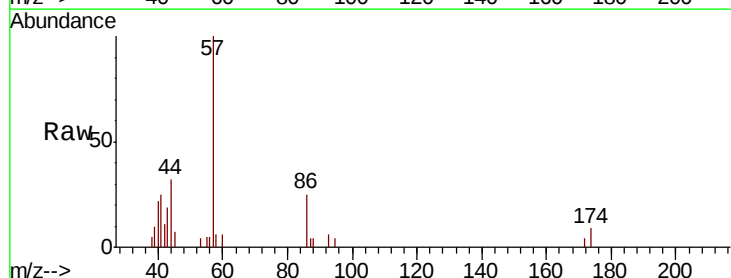
Instrument :
MSVOA_N
ClientSampleId :
PB113684TB

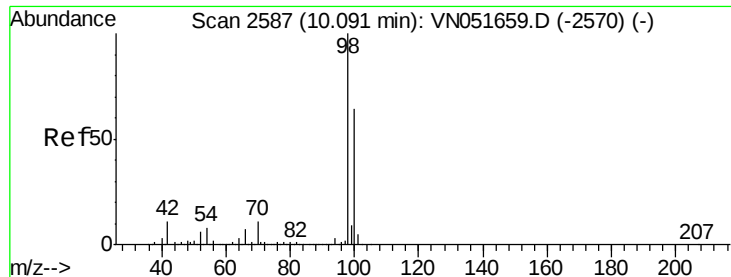
Tot Ion: 41 Resp: 6347
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 22.4 59.2 88.8#



#49
1,4-Dioxane
Concen: 0.785 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 279.7 47.6 71.4#





#50

Toluene-d8

Concen: 0.785 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

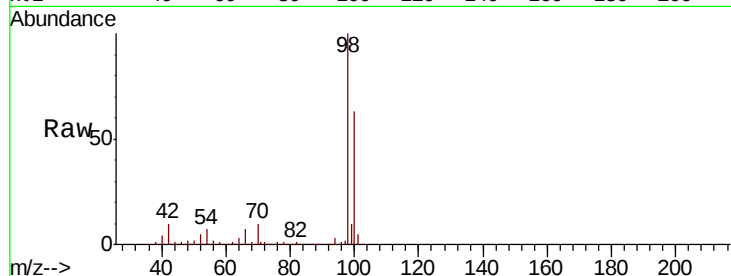
PB113684TB

Tot Ion: 98 Resp: 1617456

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)

10.09

800000

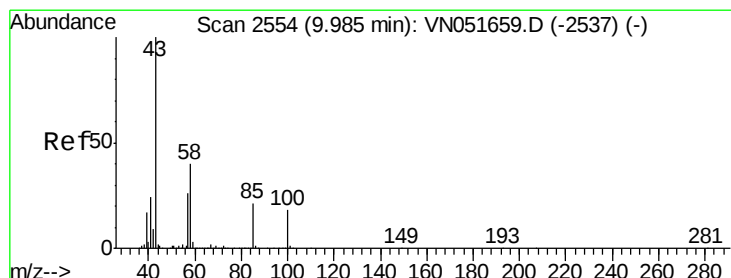
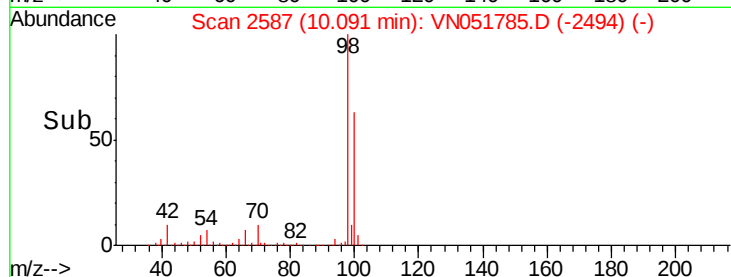
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.371 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051785.D

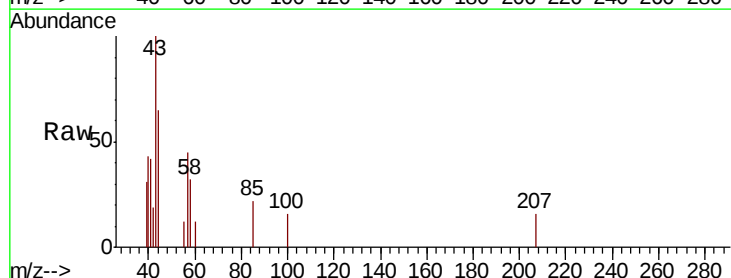
Acq: 10 Oct 2018 12:51

Tgt Ion: 43 Resp: 2413

Ion Ratio Lower Upper

43 100

58 42.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-2537) (-)

9.99

2000

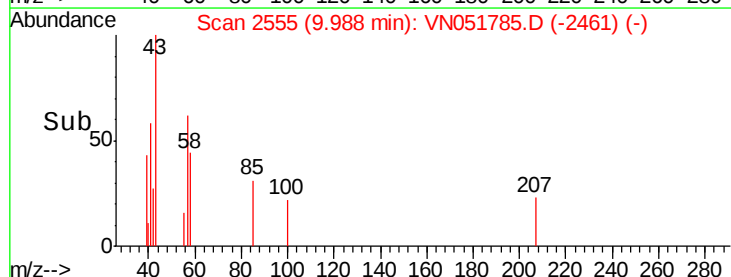
1500

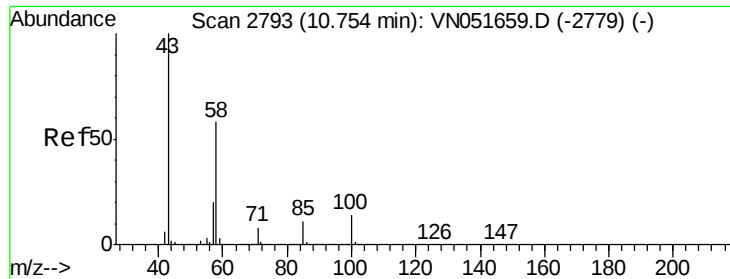
1000

500

0

Time-->

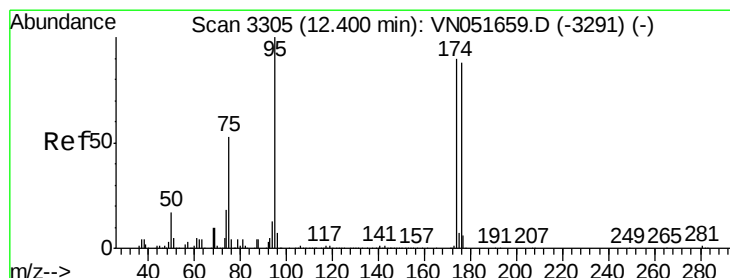
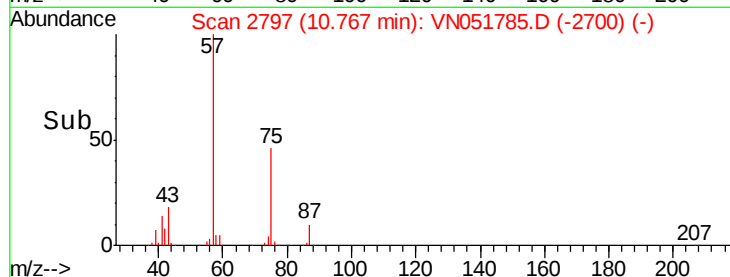
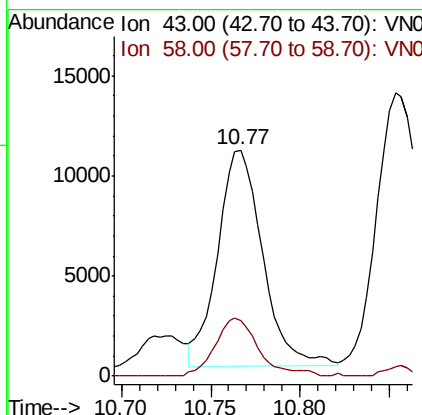
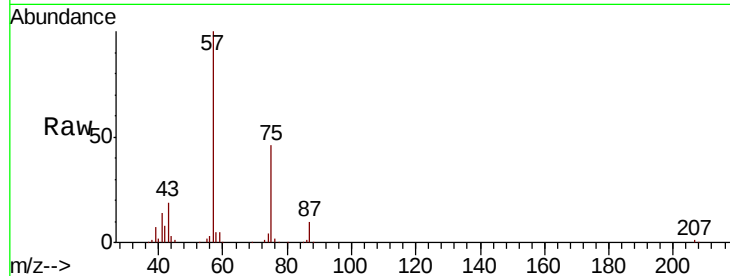




#59
2-Hexanone
Concen: 4.295 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

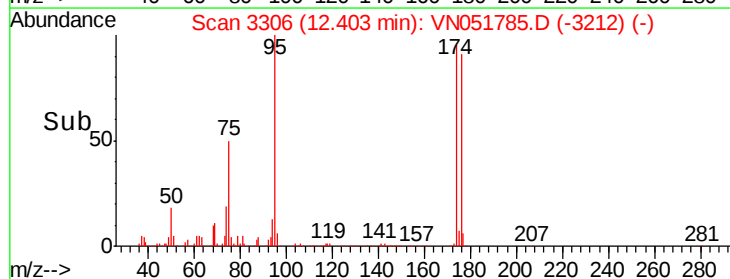
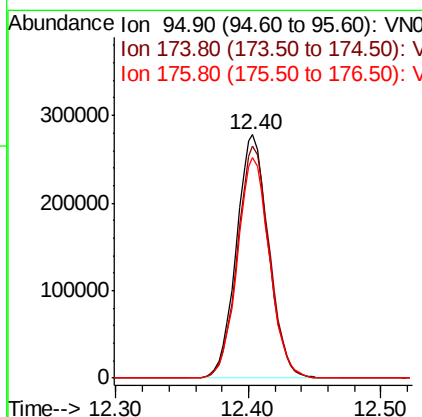
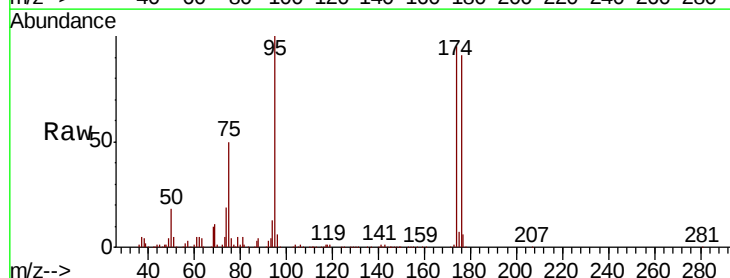
Instrument :
MSVOA_N
ClientSampleId :
PB113684TB

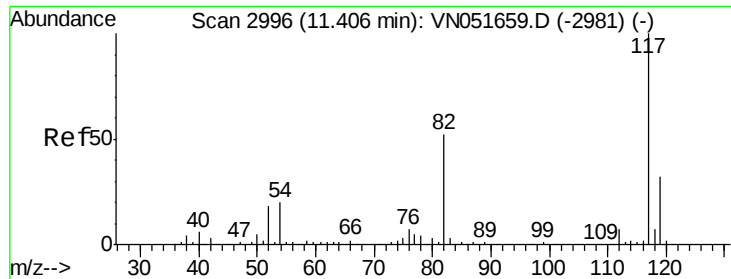
Tot Ion: 43 Resp: 18958
Ion Ratio Lower Upper
43 100
58 26.1 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion: 95 Resp: 466024
Ion Ratio Lower Upper
95 100
174 95.7 0.0 182.8
176 90.9 0.0 176.4

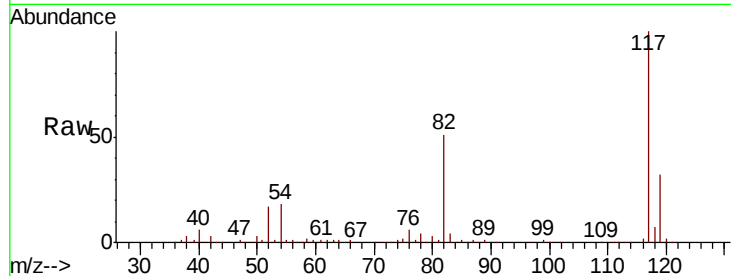




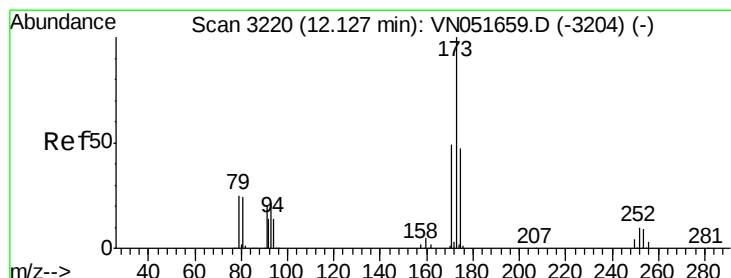
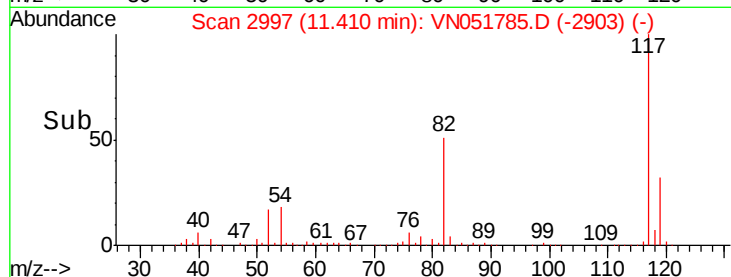
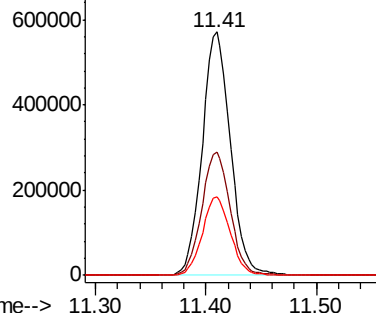
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Instrument :
MSVOA_N
ClientSampleId :
PB113684TB

Tot Ion:117 Resp: 1012825
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.4 25.9 38.9

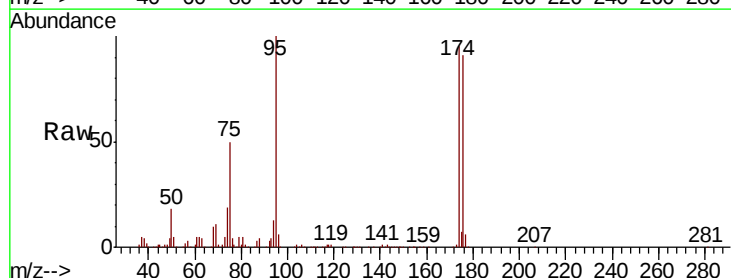


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

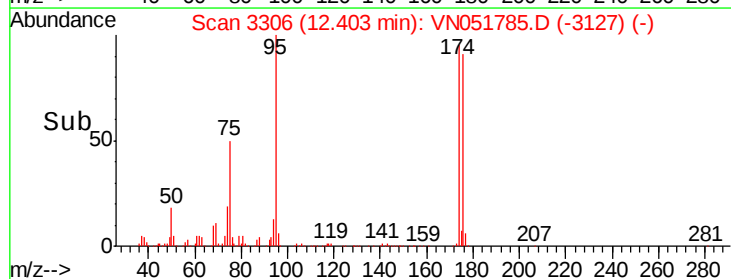
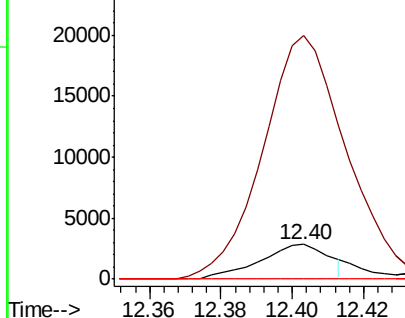


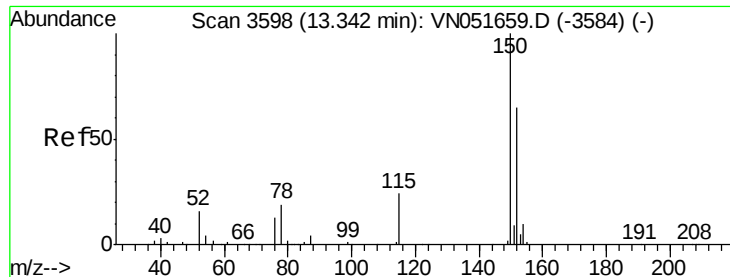
#71
Bromoform
Concen: 0.514 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion:173 Resp: 3840
Ion Ratio Lower Upper
173 100
175 694.9 24.0 72.0#
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: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB113684TB

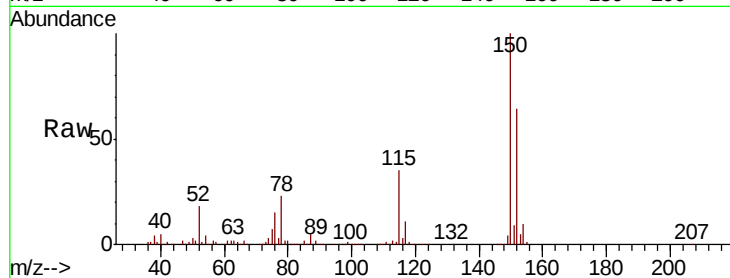
Tot Ion:152 Resp: 379137

Ion Ratio Lower Upper

152 100

115 55.9 28.6 85.8

150 159.3 0.0 352.4

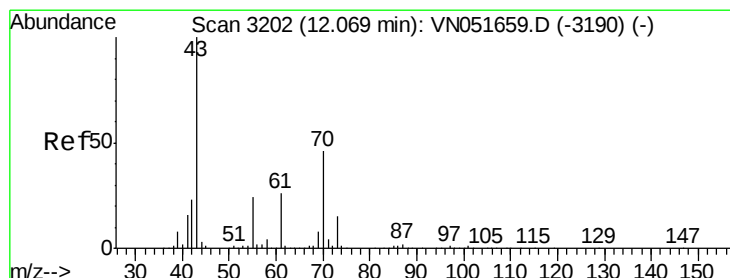
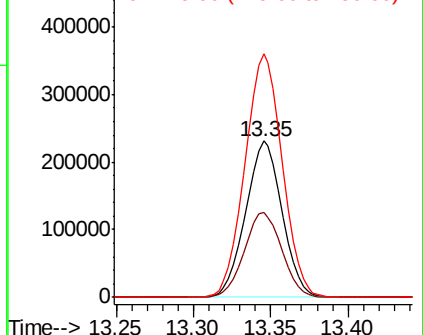
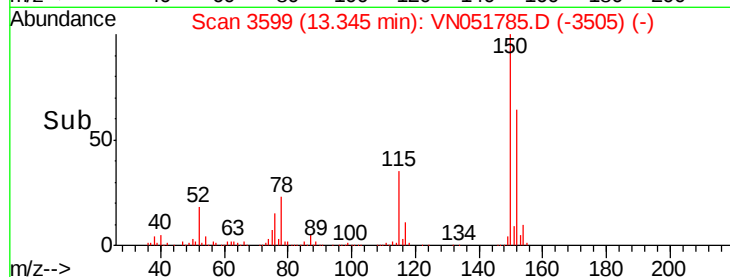


Abundance

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-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Tgt Ion: 43 Resp: 1470

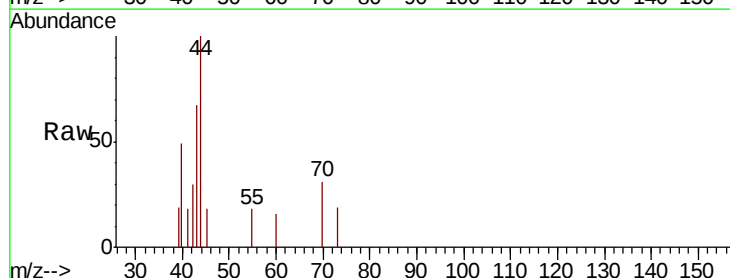
Ion Ratio Lower Upper

43 100

70 42.0 37.1 55.7

55 0.0 19.1 28.7#

61 12.6 20.8 31.2#



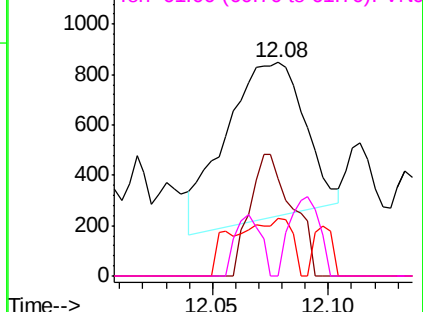
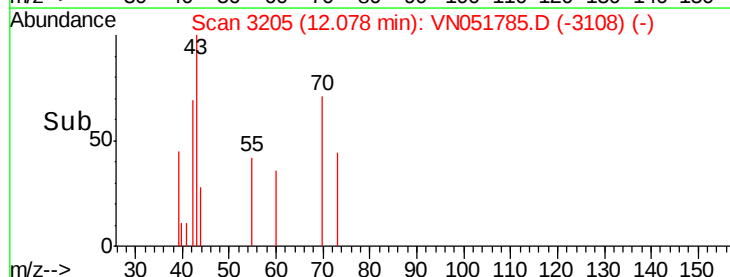
Abundance

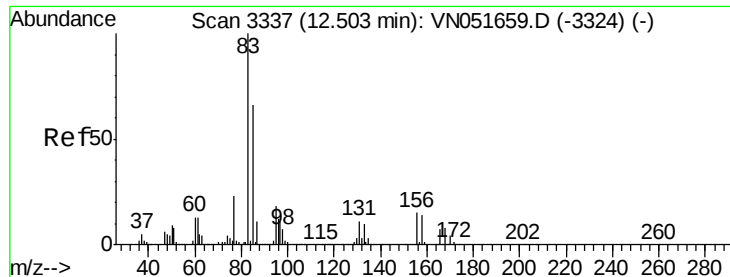
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB113684TB

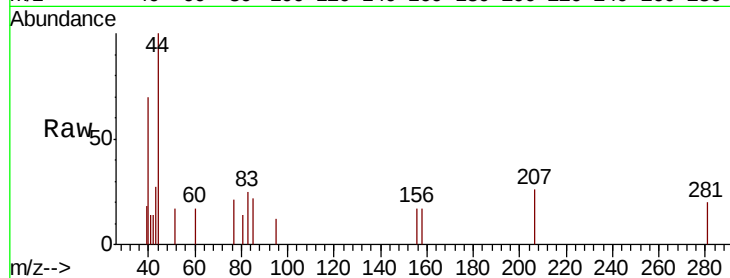
Tot Ion: 83 Resp: 362

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 64.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.51

300

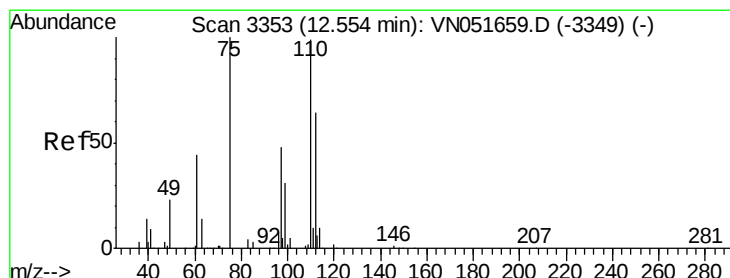
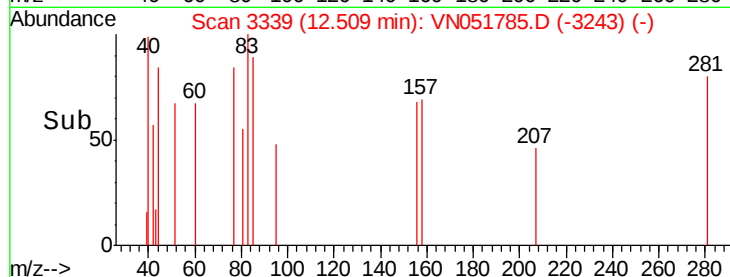
200

100

0

12.48 12.50 12.52

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.027 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051785.D

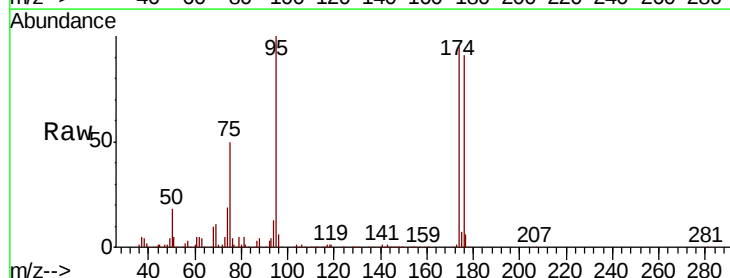
Acq: 10 Oct 2018 12:51

Tgt Ion: 75 Resp: 239987

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

12.40

150000

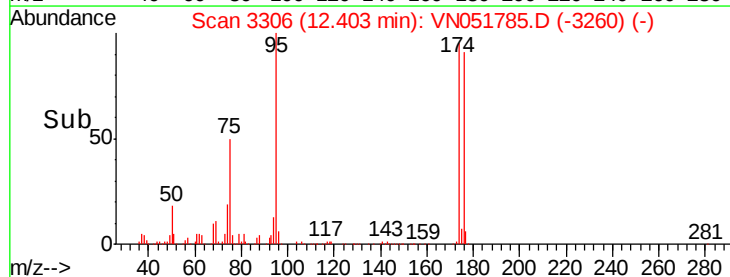
100000

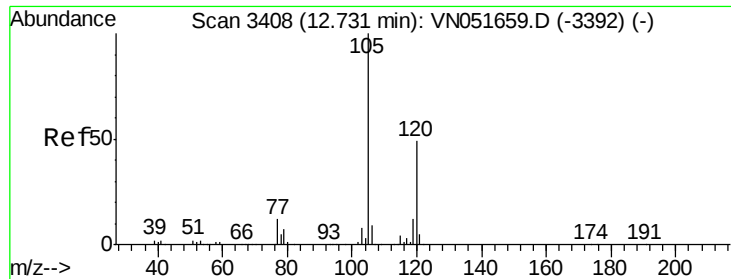
50000

0

12.40 12.50

Time-->

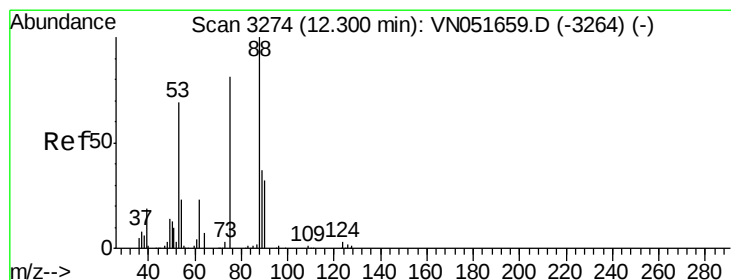
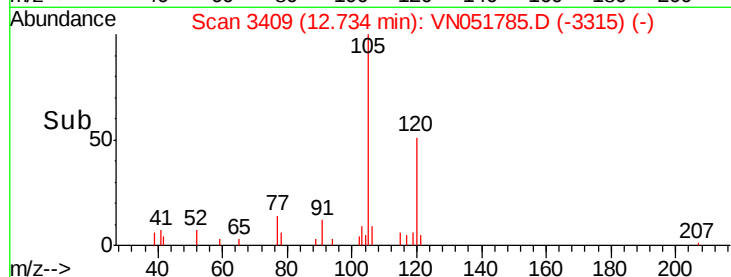
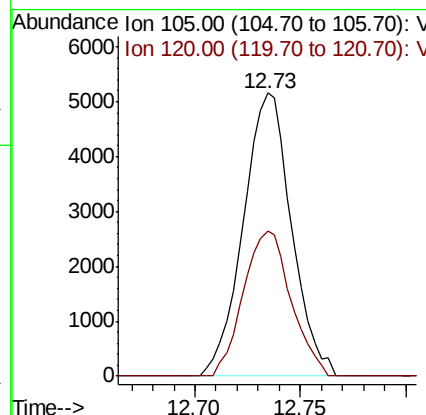
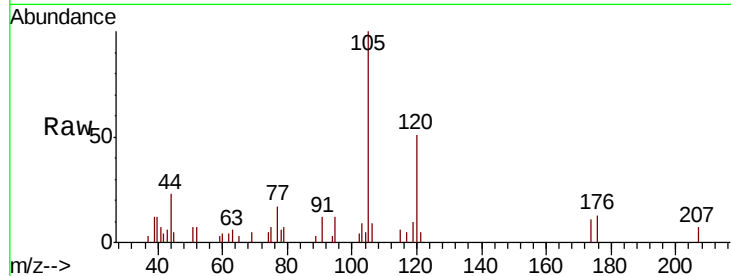




#80
 1,3,5-Trimethylbenzene
 Concen: 0.301 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

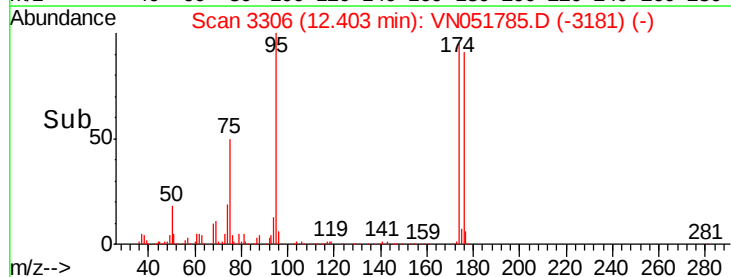
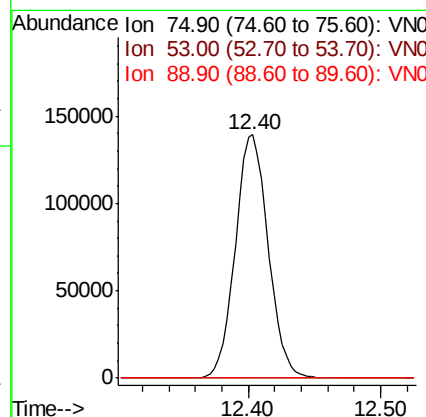
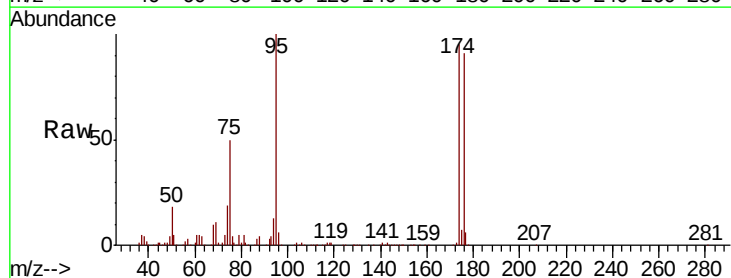
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

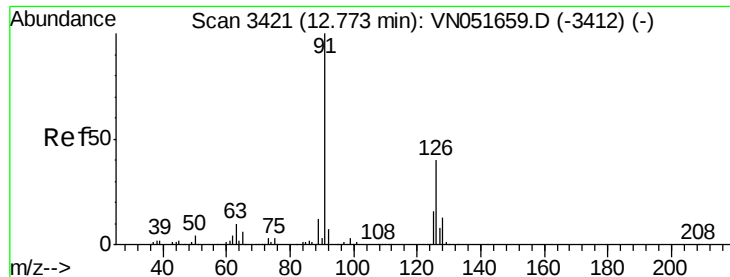
Tot Ion:105 Resp: 8188
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.355 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Tgt Ion: 75 Resp: 239987
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.0 39.4 59.2#





#82

4-Chlorotoluene

Concen: 0.213 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampled :

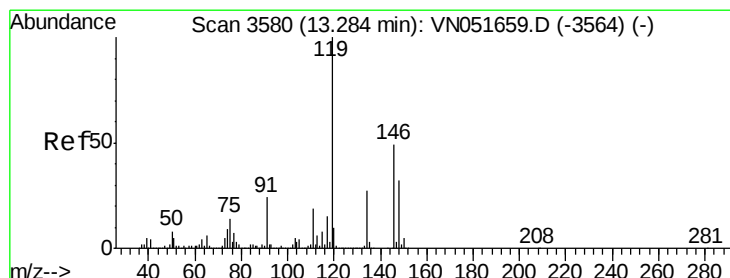
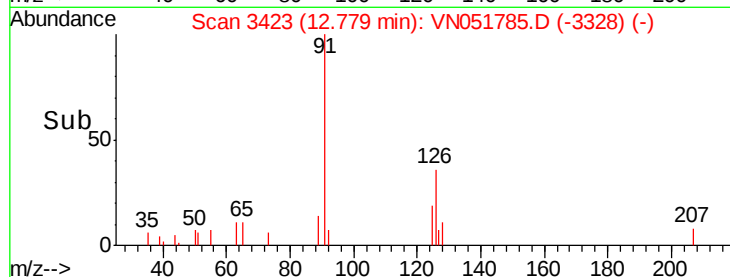
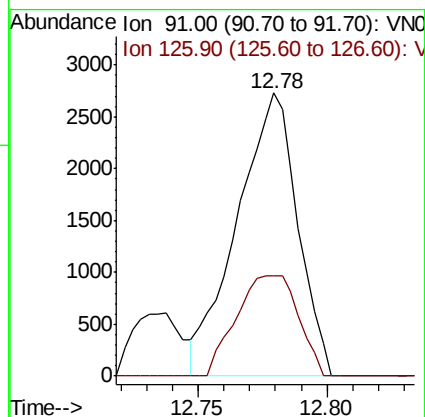
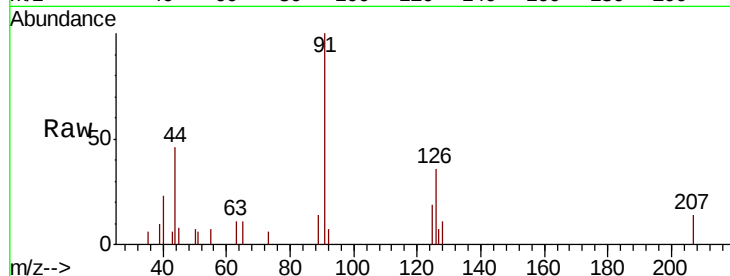
PB113684TB

Tot Ion: 91 Resp: 4451

Ion Ratio Lower Upper

91 100

126 36.6 18.0 54.0



#87

1,3-Dichlorobenzene

Concen: 0.283 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

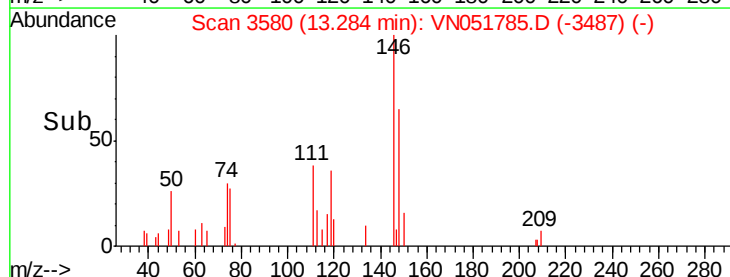
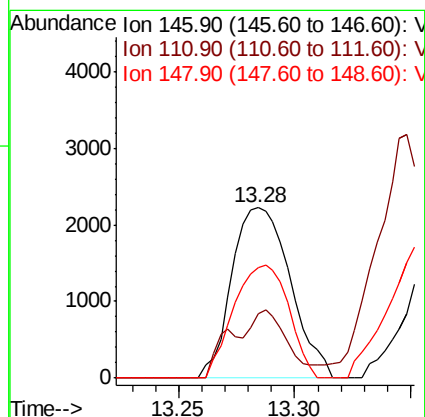
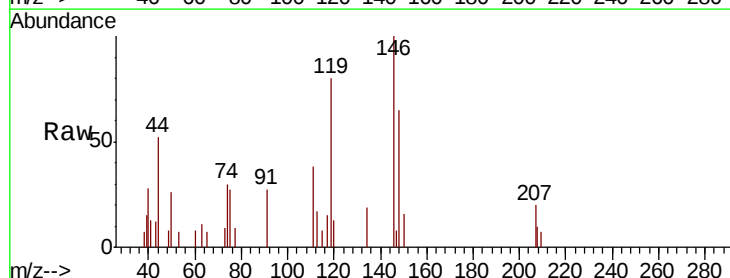
Tgt Ion: 146 Resp: 3893

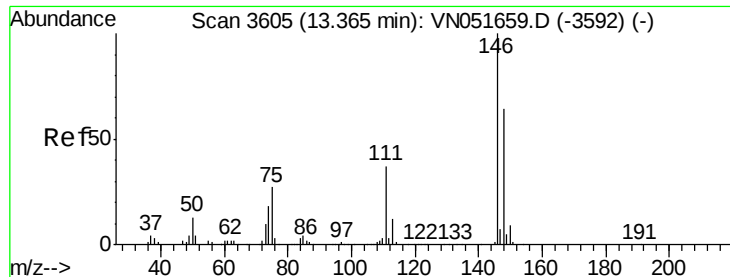
Ion Ratio Lower Upper

146 100

111 26.3 19.3 57.9

148 62.4 32.5 97.5

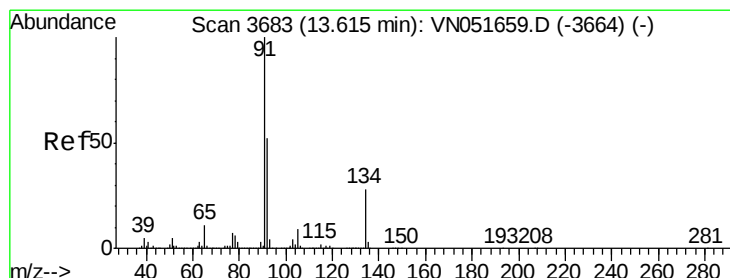
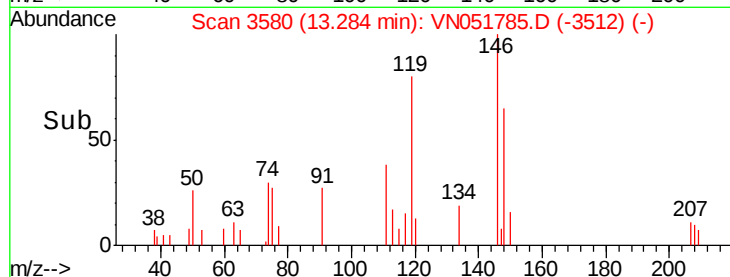
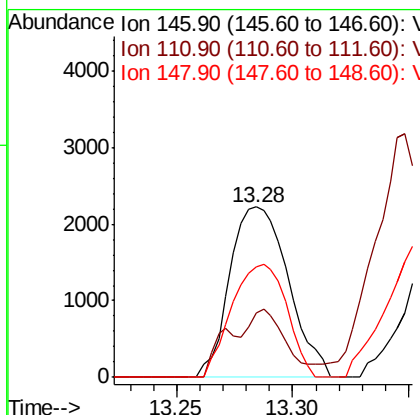
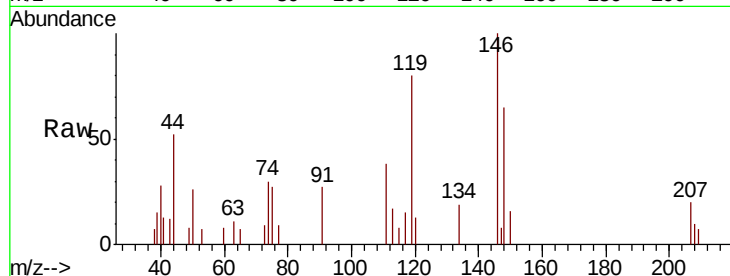




#88
 1,4-Dichlorobenzene
 Concen: 0.287 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

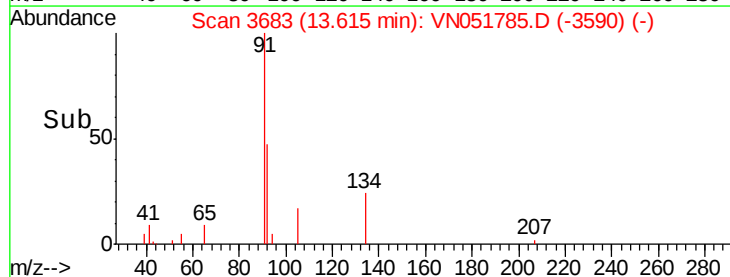
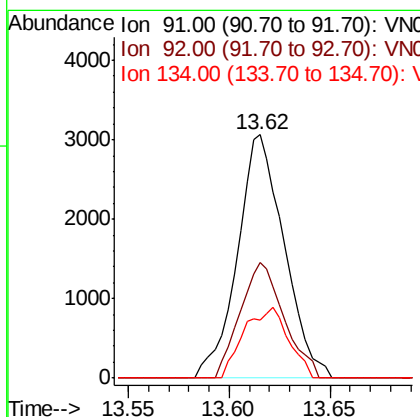
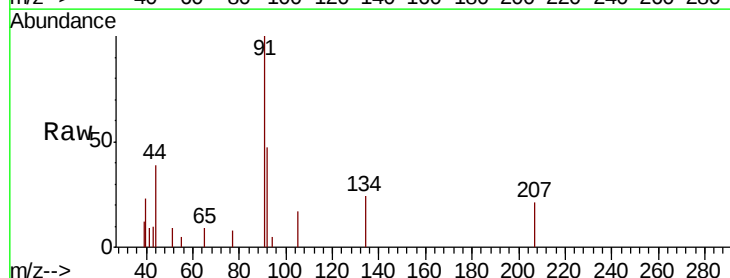
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

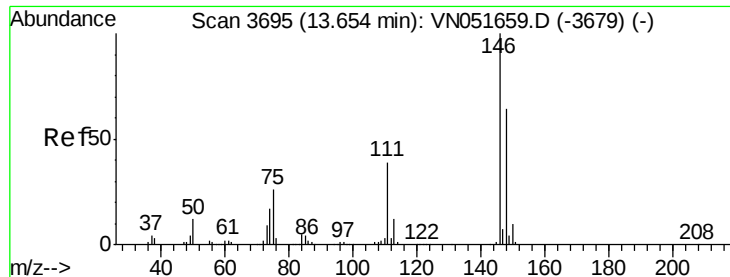
Tot Ion:146 Resp: 3893
 Ion Ratio Lower Upper
 146 100
 111 26.3 18.6 55.8
 148 62.4 32.3 96.8



#89
 n-Butylbenzene
 Concen: 0.219 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Tgt Ion: 91 Resp: 4957
 Ion Ratio Lower Upper
 91 100
 92 44.6 26.0 78.0
 134 27.7 14.2 42.6





#91

1,2-Dichlorobenzene

Concen: 0.259 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB113684TB

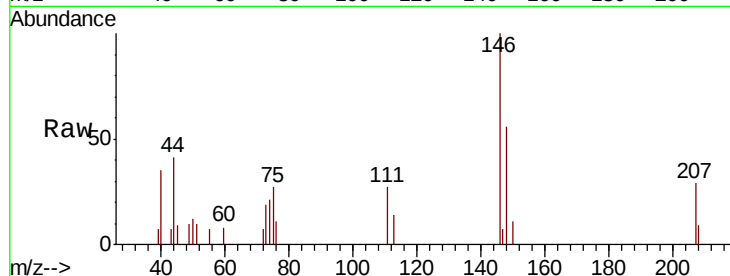
Tot Ion:146 Resp: 3548

Ion Ratio Lower Upper

146 100

111 24.8 19.7 59.0

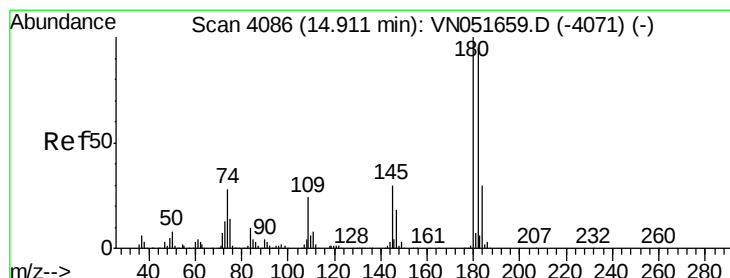
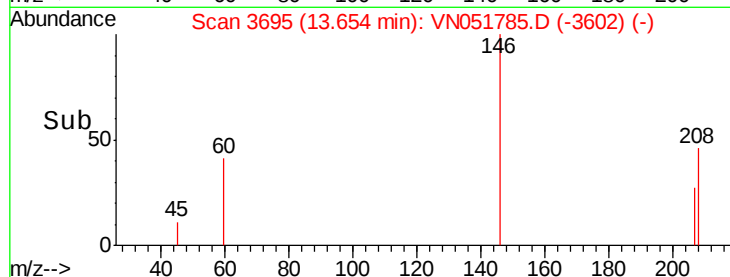
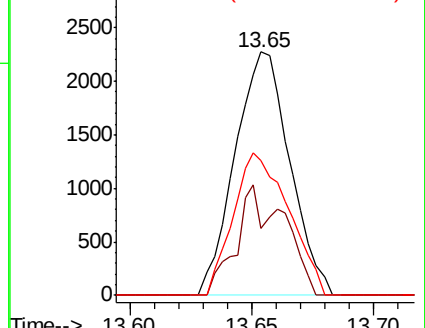
148 59.3 32.1 96.3



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: 0.888 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN051785.D

Acq: 10 Oct 2018 12:51

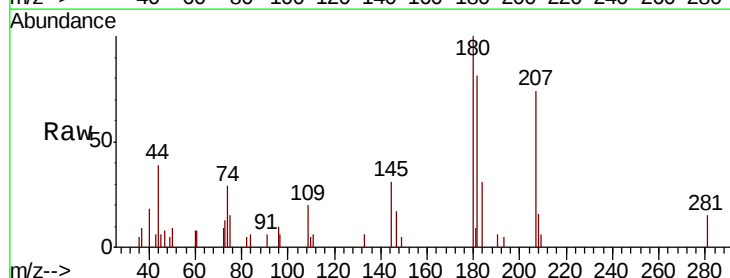
Tgt Ion:180 Resp: 5408

Ion Ratio Lower Upper

180 100

182 89.4 47.7 143.1

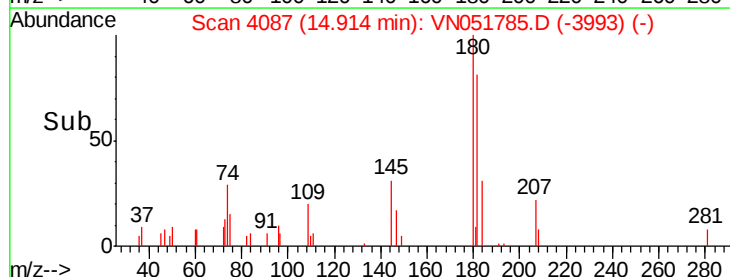
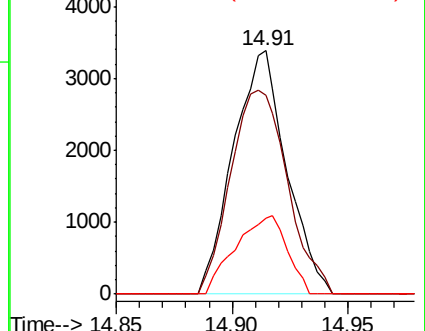
145 31.2 15.3 45.9

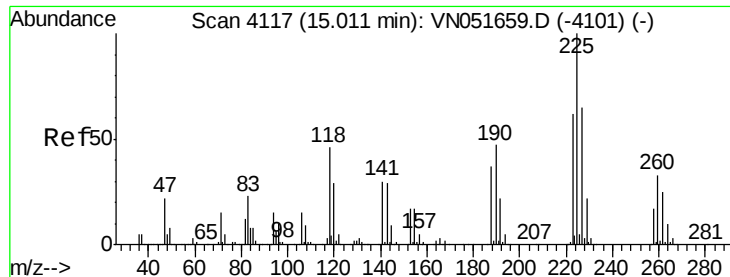


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

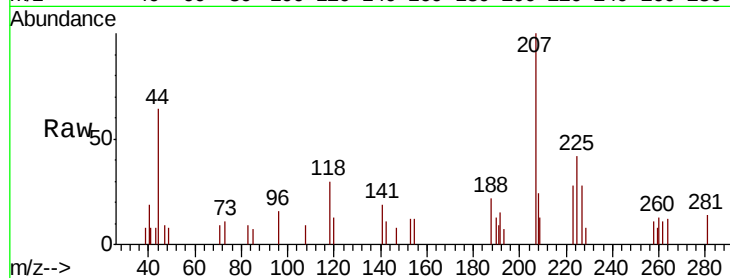




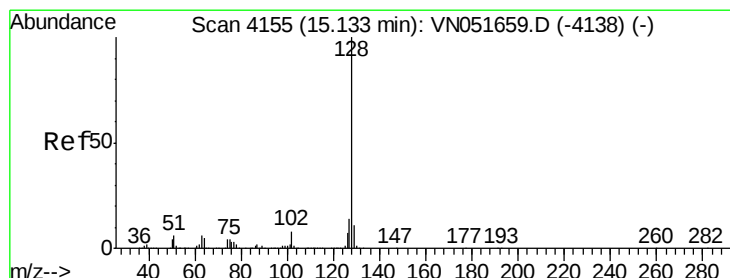
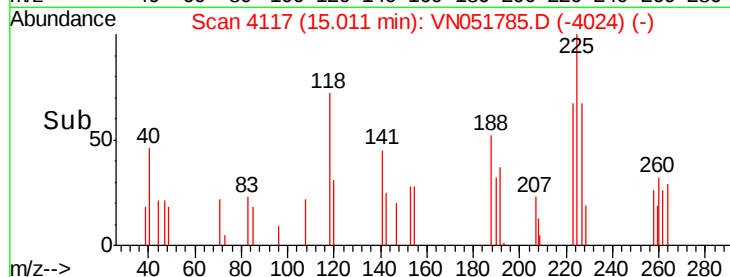
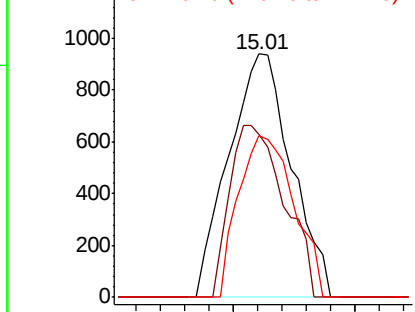
#94
Hexachlorobutadiene
Concen: 0.403 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Instrument :
MSVOA_N
ClientSampleId :
PB113684TB

Tot Ion:225 Resp: 1667
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.5
227 58.9 31.7 95.1

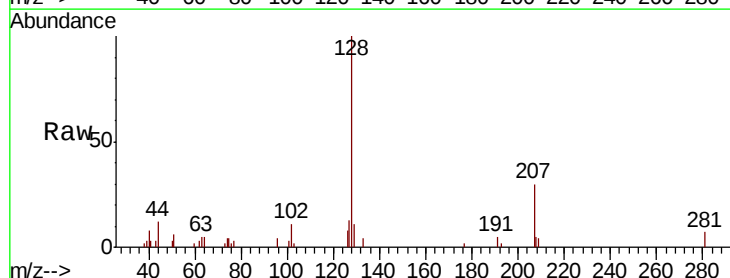


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

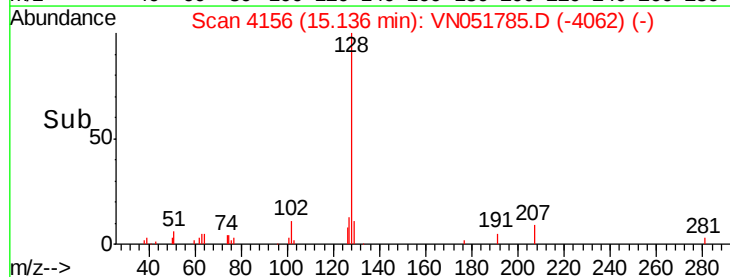
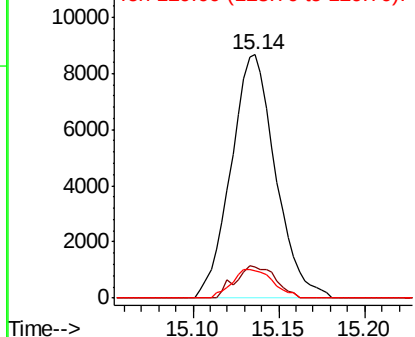


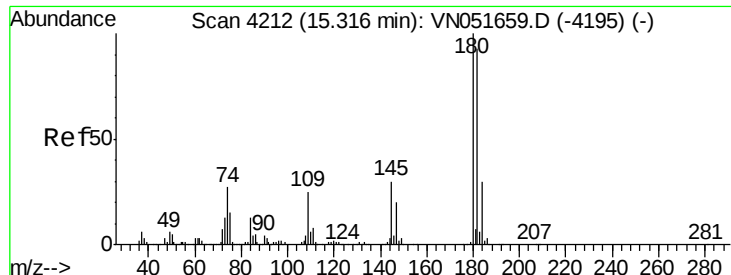
#95
Naphthalene
Concen: 1.183 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051785.D
Acq: 10 Oct 2018 12:51

Tgt Ion:128 Resp: 15562
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 10.9 9.0 13.6



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

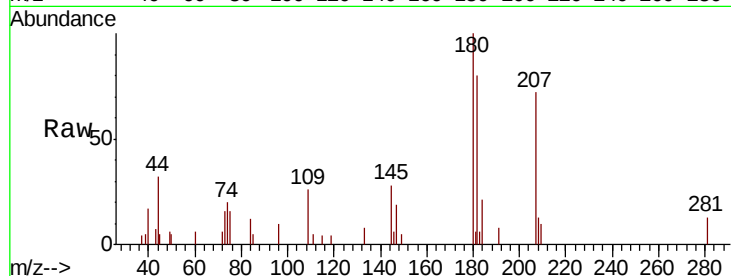




#96
 1,2,3-Trichlorobenzene
 Concen: 0.982 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN051785.D
 Acq: 10 Oct 2018 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.3	141.8
145	35.4	15.6	46.8



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

