

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059183.D
 Acq On : 12 Nov 2019 12:32
 Operator : JC/SP
 Sample : K124708TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

Quant Time: Nov 13 05:37:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	406443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	641865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	585057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	273125	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	7.57	113	205353	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	10.08	98	815305	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.40	95	251067	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

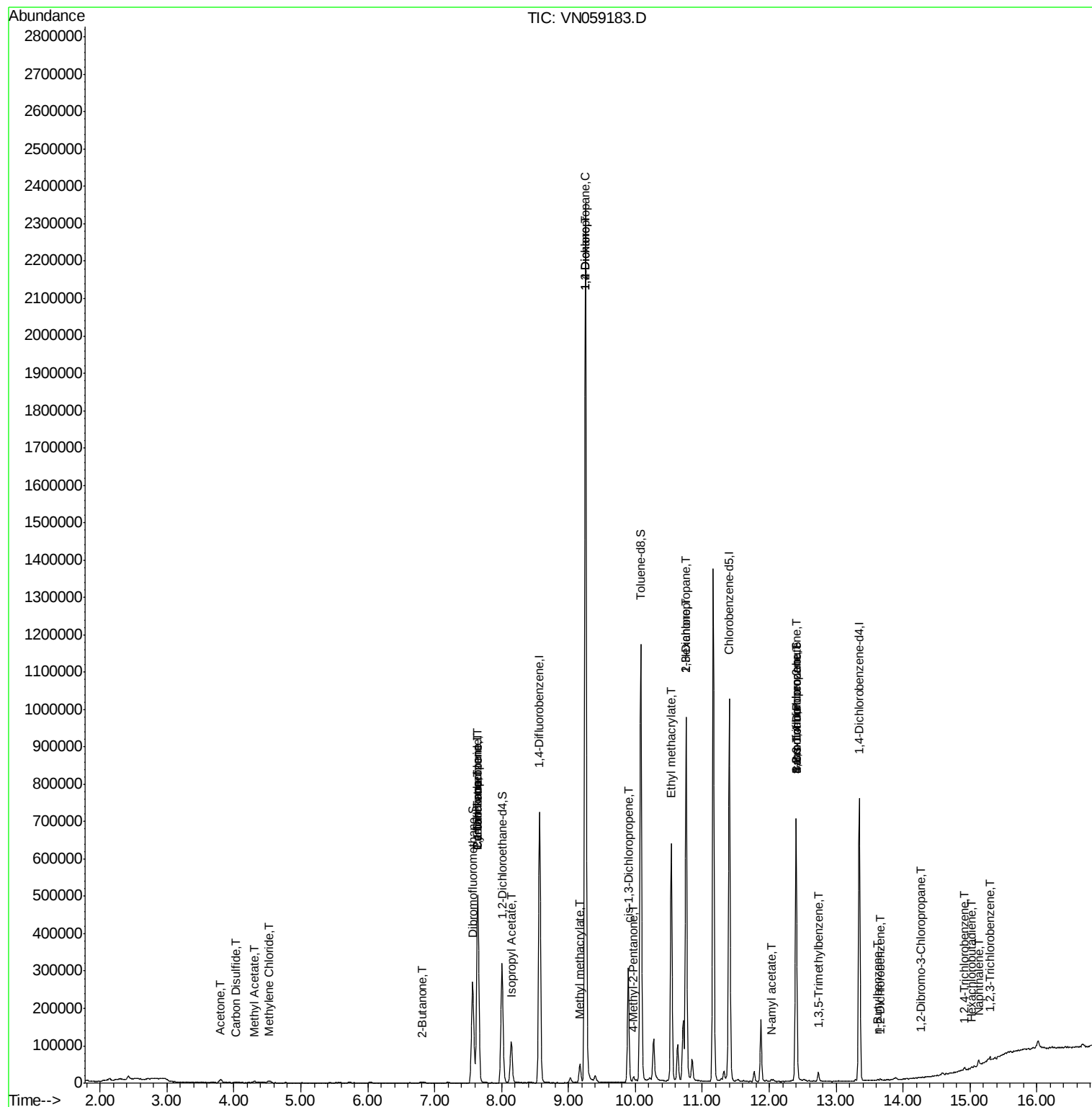
						Qvalue
16) Acetone	3.80	43	14614	5.625	ug/l	93
17) Carbon Disulfide	4.03	76	3007	0.255	ug/l #	75
18) Methyl Acetate	4.31	43	6283	1.019	ug/l #	82
20) Methylene Chloride	4.53	84	3727	0.823	ug/l	93
25) 2-Butanone	6.82	43	985	0.288	ug/l #	50
31) Cyclohexane	7.64	56	8762	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33080	5.514	ug/l #	50
38) Carbon Tetrachloride	7.64	117	39546	6.622	ug/l #	17
43) Isopropyl Acetate	8.15	43	132297	12.433	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	2729	0.556	ug/l #	44
48) Methyl methacrylate	9.17	41	8122	1.706	ug/l #	14
49) 1,4-Dioxane	9.25	88	101	1.194	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	10157	1.687	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	53758	7.084	ug/l #	64
56) Ethyl methacrylate	10.54	69	2627	2.219	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9569	1.269	ug/l #	42
59) 2-Hexanone	10.76	43	144747	31.323	ug/l #	52
71) Bromoform	12.40	173	1532	0.460	ug/l #	1
74) N-amyl acetate	12.03	43	6540	1.050	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	125766	27.329	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	13457	1.080	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	125766	72.183	ug/l #	13
89) n-Butylbenzene	13.62	91	2212	0.205	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	1354	0.218	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.26	75	444	0.471	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	2513	3.671	ug/l #	84
94) Hexachlorobutadiene	15.01	225	464	0.216	ug/l	79
95) Naphthalene	15.13	128	10319	3.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	3439	0.986	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

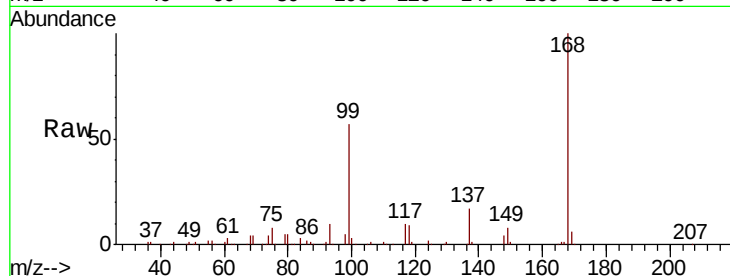
PB124708TB

Tot Ion:168 Resp: 406443

Ion Ratio Lower Upper

168 100

99 57.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059183.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059183.D (-1733) (-)

7.64

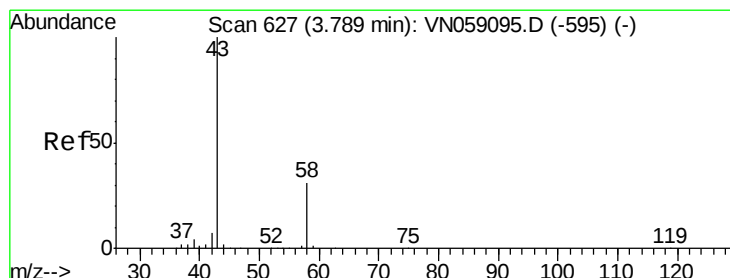
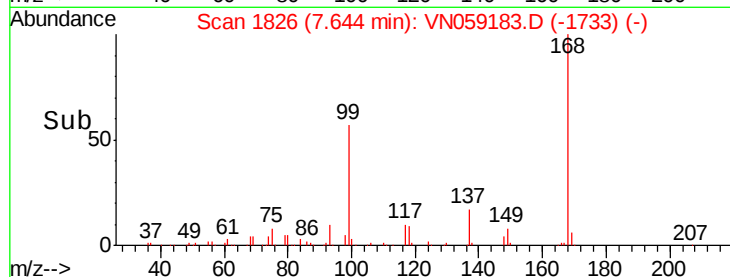
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.625 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059183.D

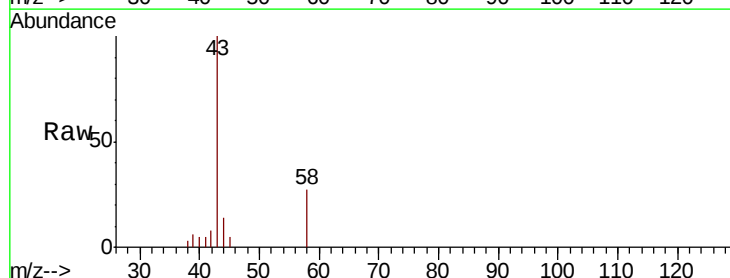
Acq: 12 Nov 2019 12:32

Tgt Ion: 43 Resp: 14614

Ion Ratio Lower Upper

43 100

58 27.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059183.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059183.D (-534) (-)

3.80

6000

5000

4000

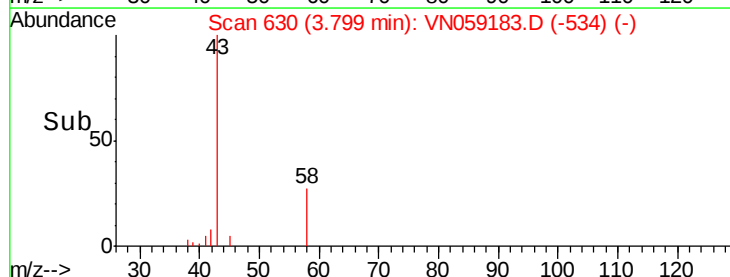
3000

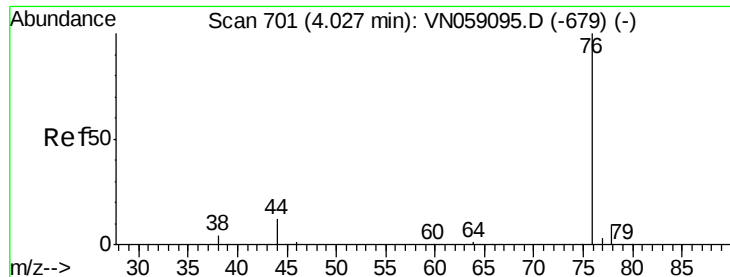
2000

1000

0

Time-->

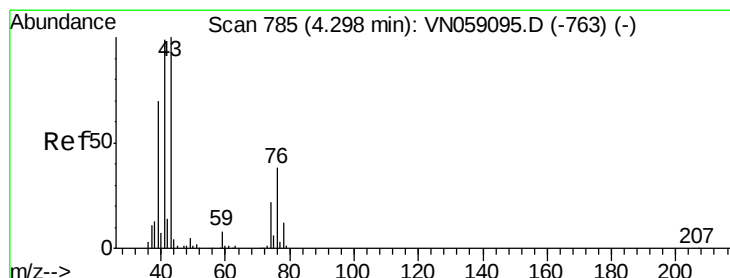
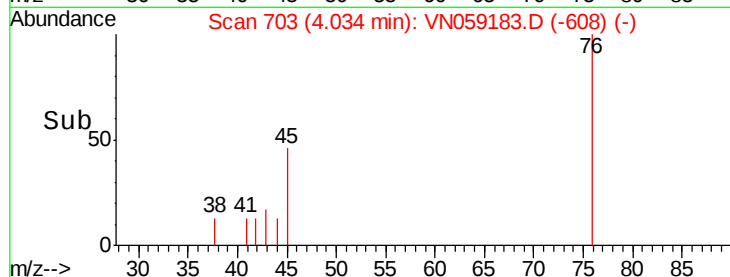
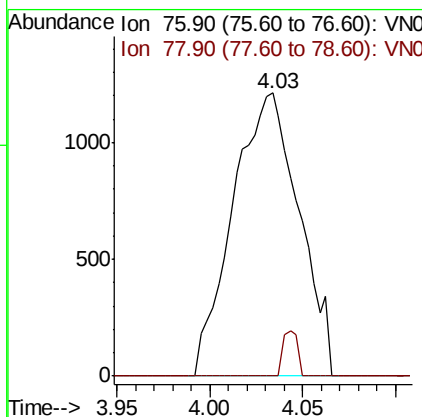
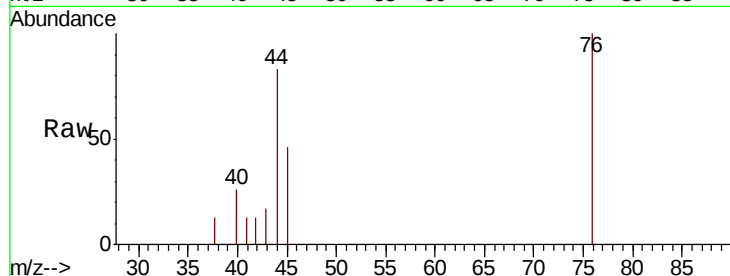




#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

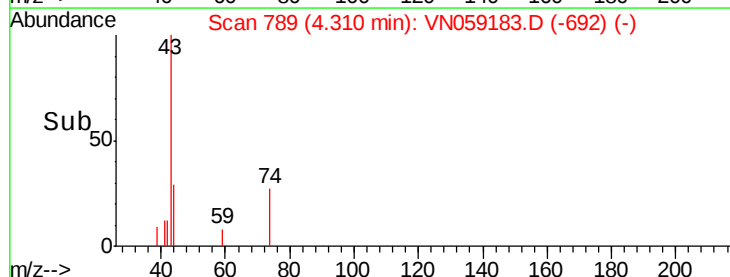
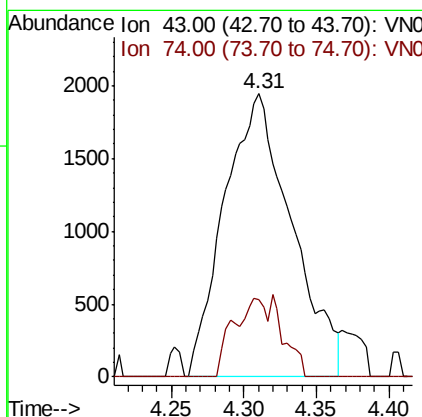
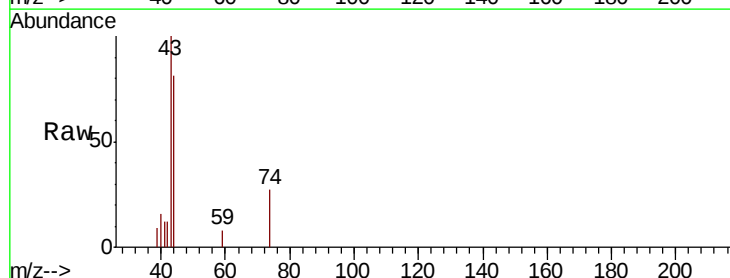
Instrument :
MSVOA_N
ClientSampled :
PB124708TB

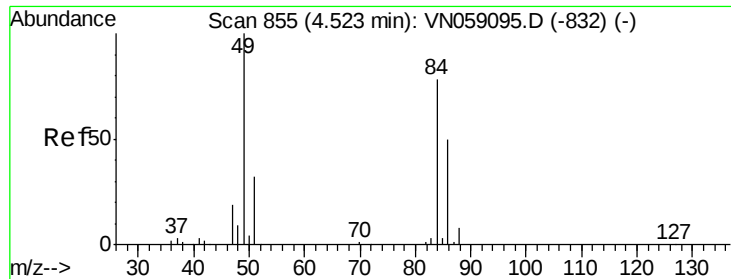
Tot Ion: 76 Resp: 3007
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion: 43 Resp: 6283
Ion Ratio Lower Upper
43 100
74 13.6 17.8 26.8#

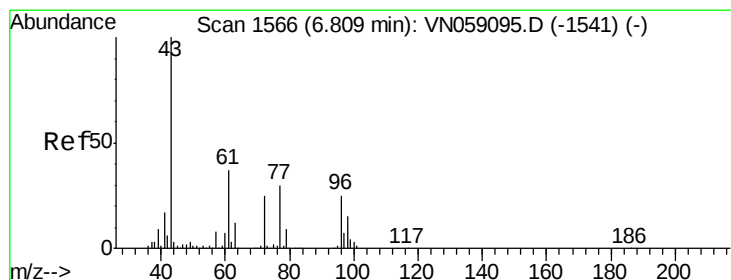
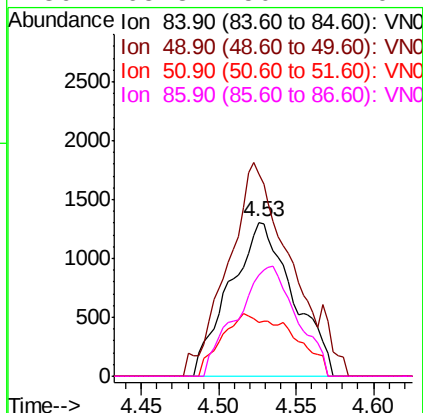
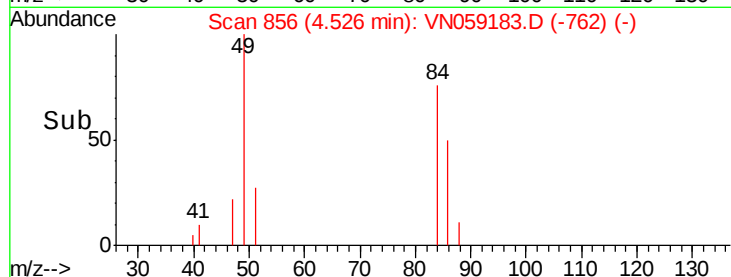
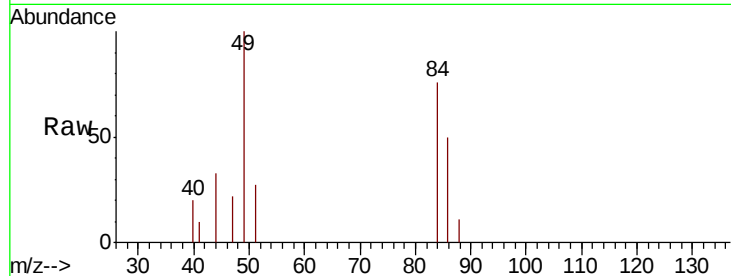




#20
Methvlene Chloride
Concen: 0.823 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

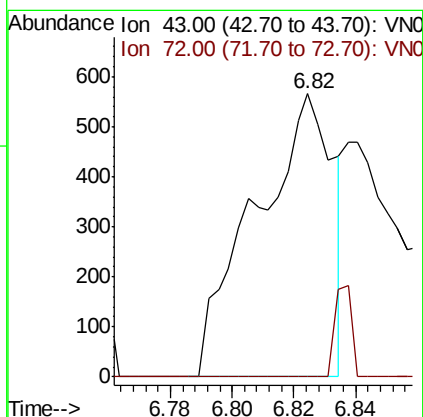
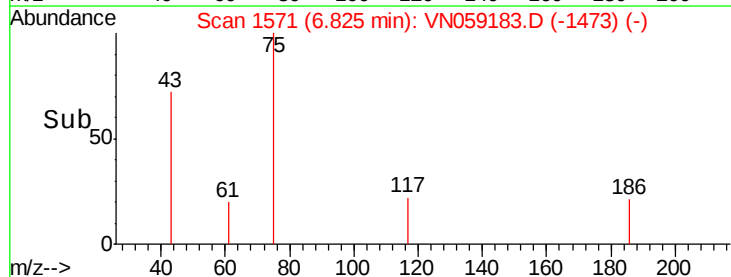
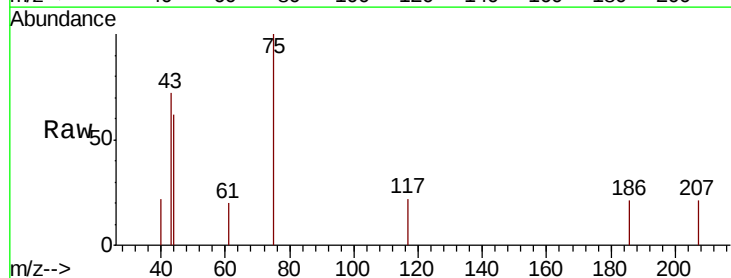
Instrument :
MSVOA_N
ClientSampled :
PB124708TB

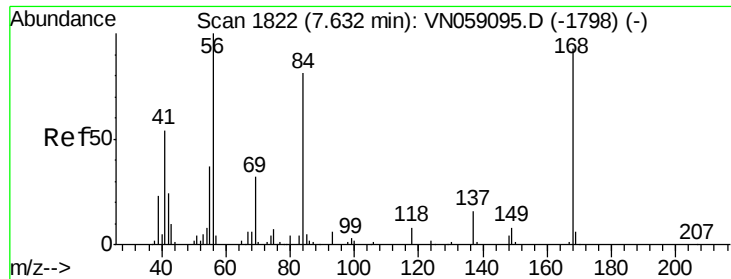
Tot Ion: 84 Resp: 3727
Ion Ratio Lower Upper
84 100
49 117.5 102.0 153.0
51 35.3 32.2 48.2
86 65.8 50.7 76.1



#25
2-Butanone
Concen: 0.288 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

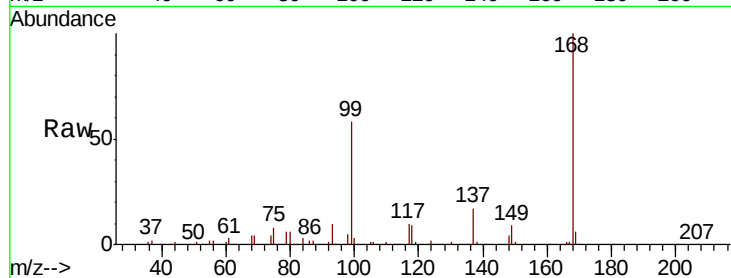




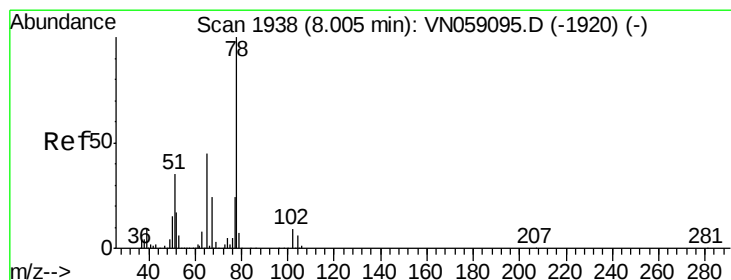
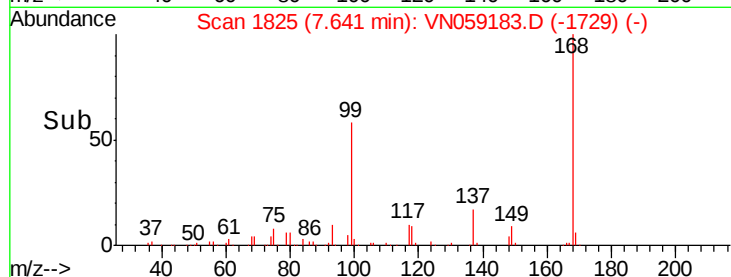
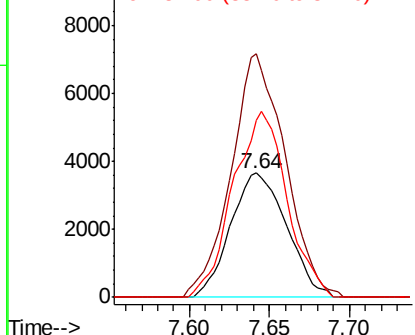
#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Instrument :
MSVOA_N
ClientSampleID :
PB124708TB

Tot Ion	56	Resp	8762
Ion Ratio	Lower	Upper	
56	100		
69	192.2	25.8	38.8#
84	142.9	65.0	97.4#

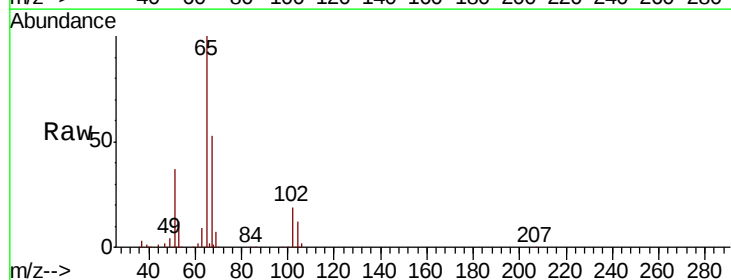


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

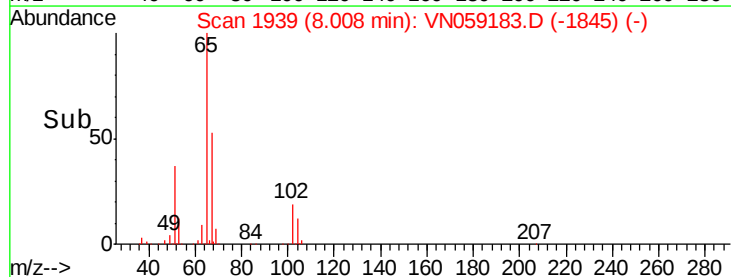
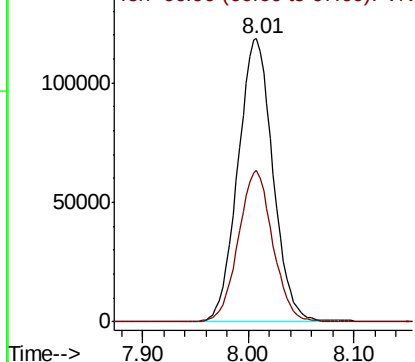


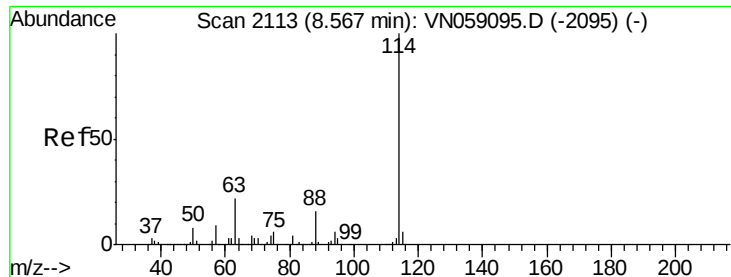
#33
1,2-Dichloroethane-d4
Concen: 54.666 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion	65	Resp	273125
Ion Ratio	Lower	Upper	
65	100		
67	52.6	0.0	107.4



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

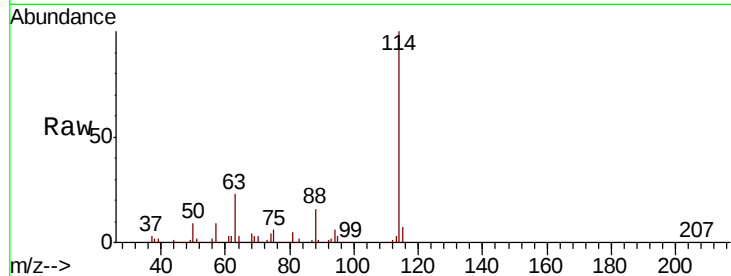




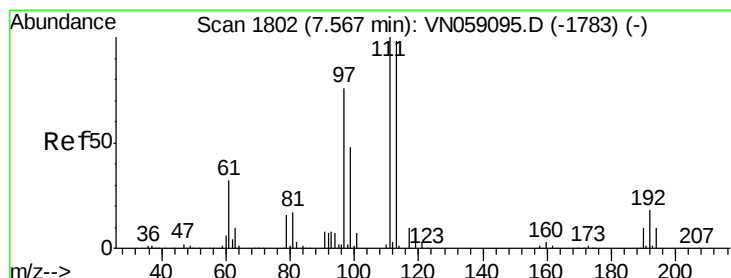
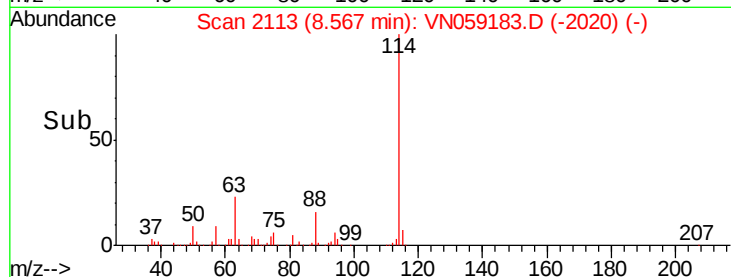
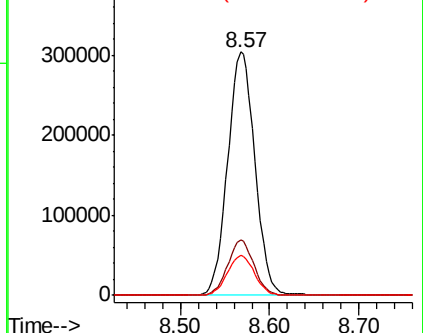
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
PB124708TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	16.3	0.0	32.2

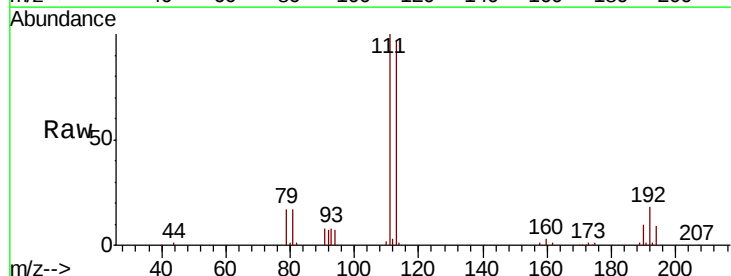


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

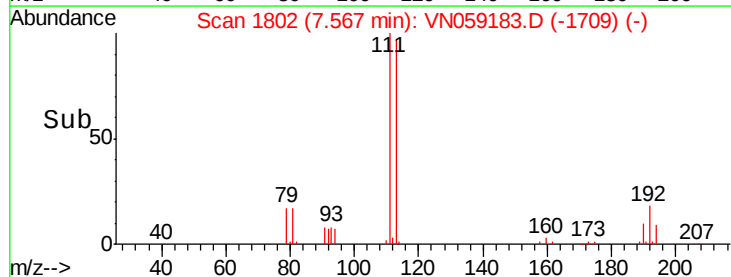
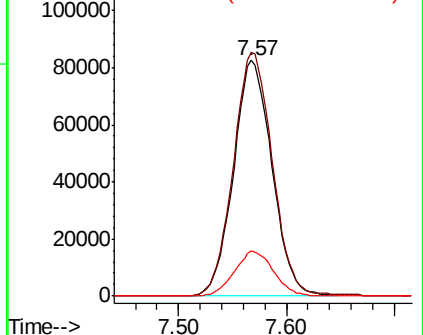


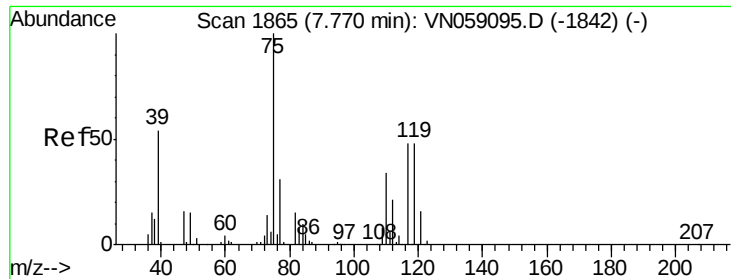
#35
Dibromofluoromethane
Concen: 53.581 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.8	124.2
192	19.4	16.1	24.1



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

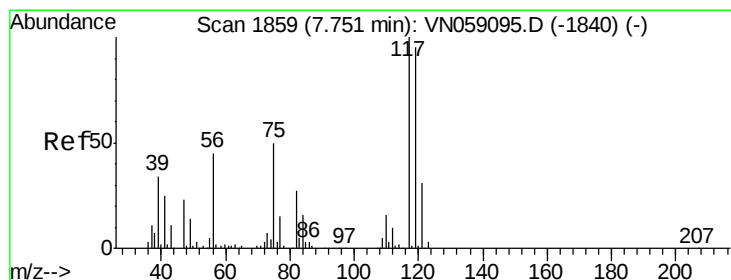
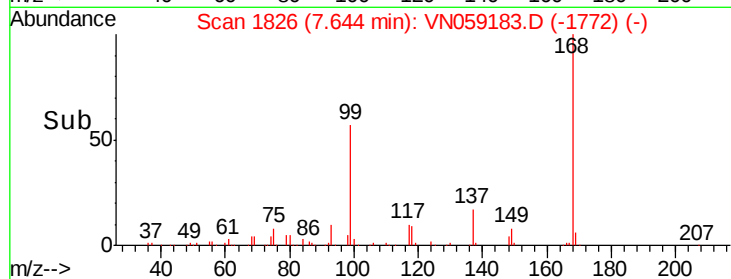
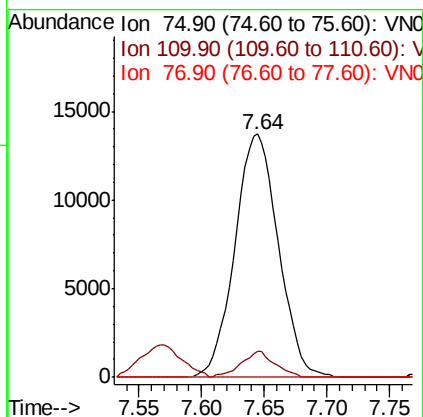
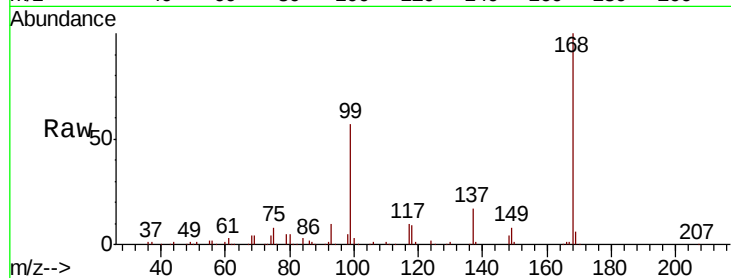




#36
 1,1-Dichloropropene
 Concen: 5.514 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

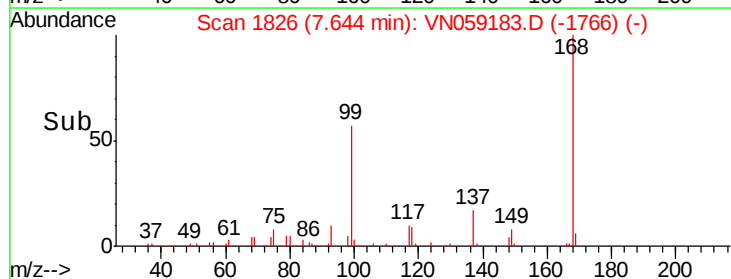
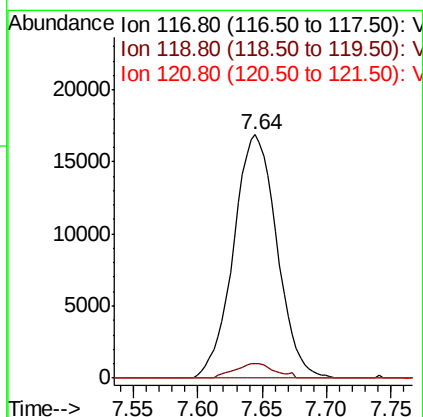
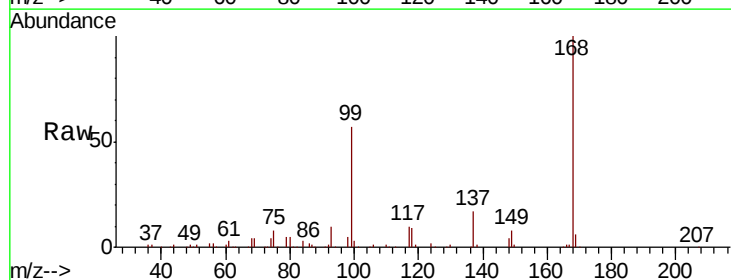
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

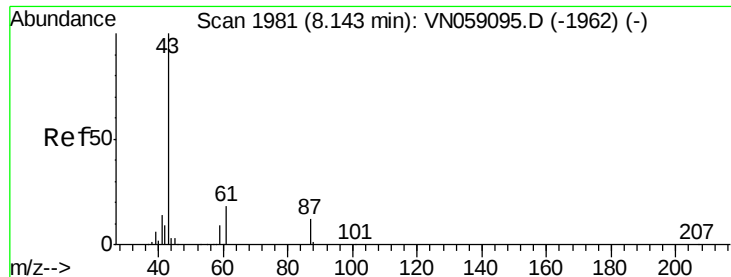
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.622 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.6	113.4#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 12.433 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

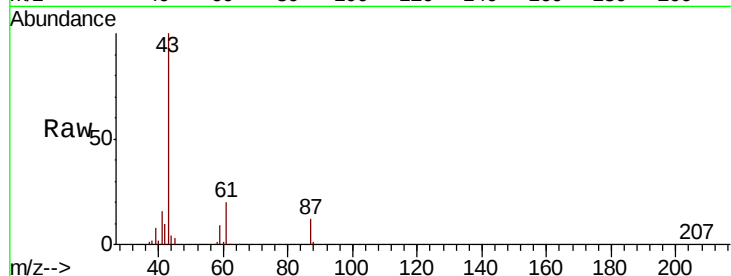
Tot Ion: 43 Resp: 132297

Ion Ratio Lower Upper

43 100

61 19.7 21.0 31.6#

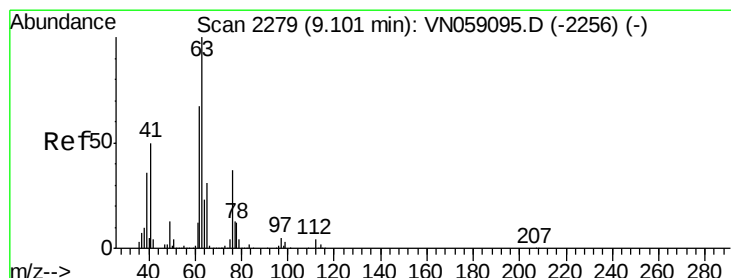
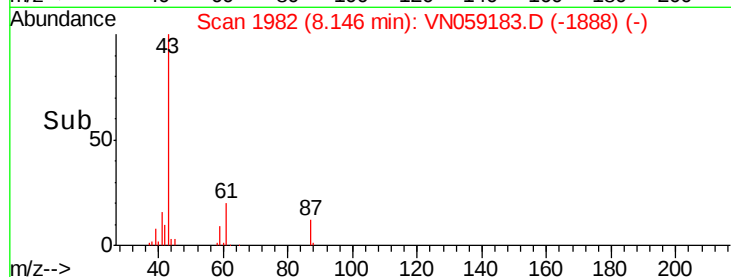
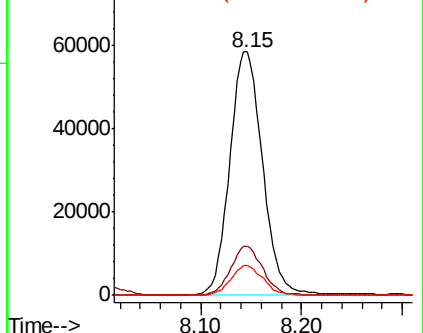
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.556 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059183.D

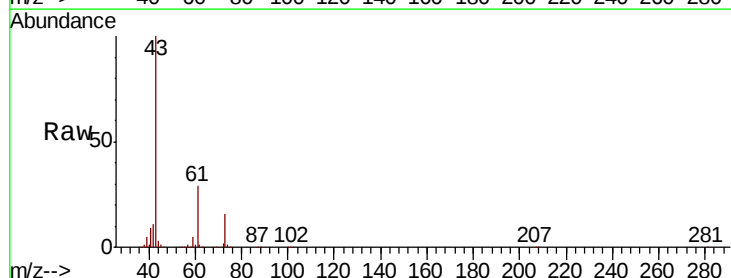
Acq: 12 Nov 2019 12:32

Tgt Ion: 63 Resp: 2729

Ion Ratio Lower Upper

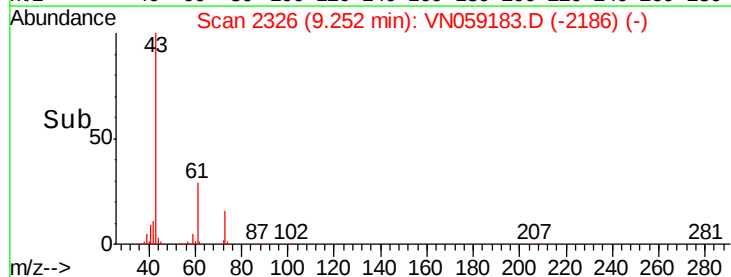
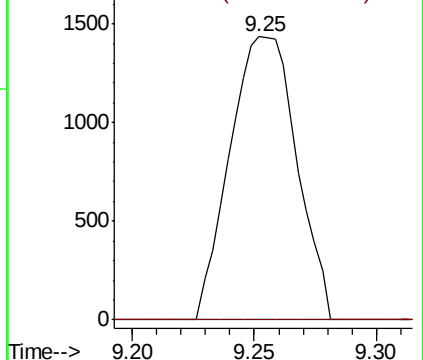
63 100

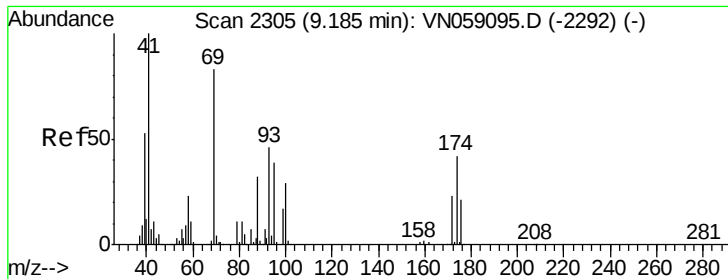
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059095.D (-2256) (-)

Ion 64.90 (64.60 to 65.60): VN059095.D (-2256) (-)

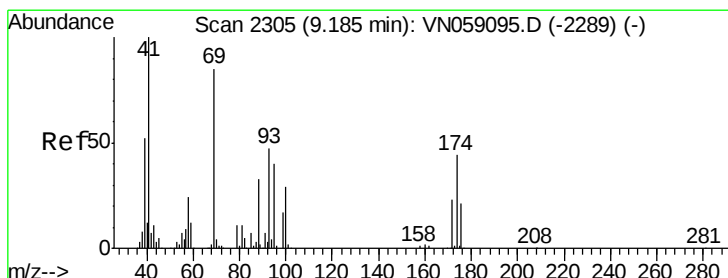
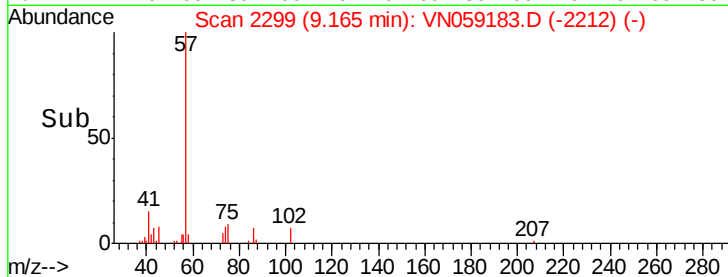
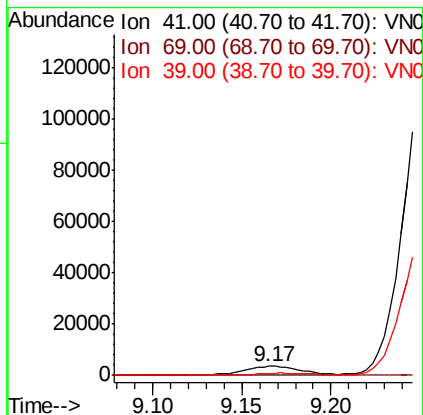
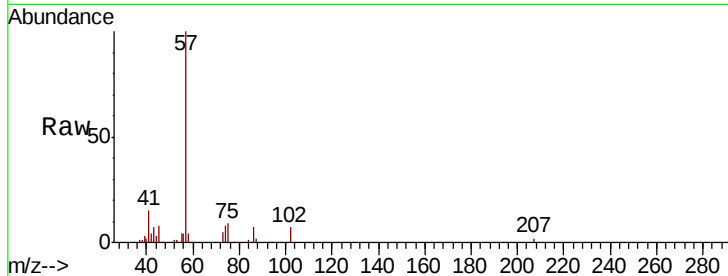




#48
Methvl methacrylate
Concen: 1.706 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

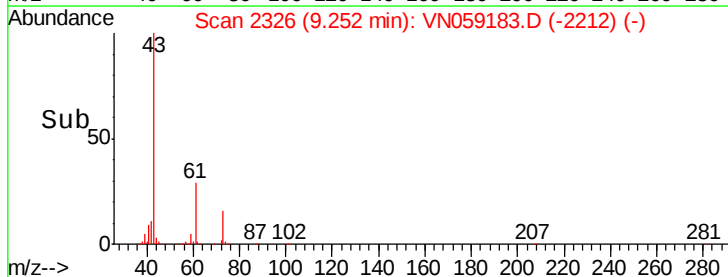
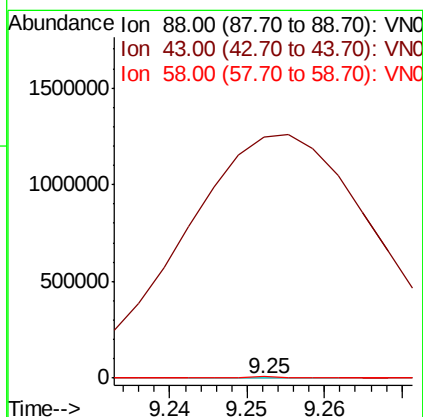
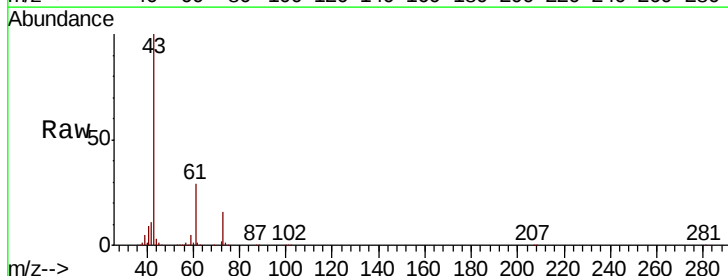
Instrument :
MSVOA_N
ClientSampleId :
PB124708TB

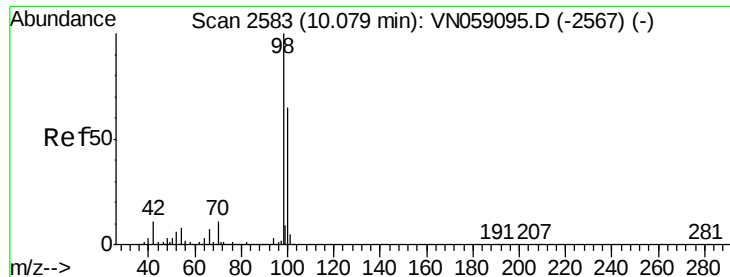
Tot Ion: 41 Resp: 8122
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 1.194 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.07 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 2313352.5 26.3 39.5#
58 10732.7 60.6 90.8#





#50

Toluene-d8

Concen: 54.008 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

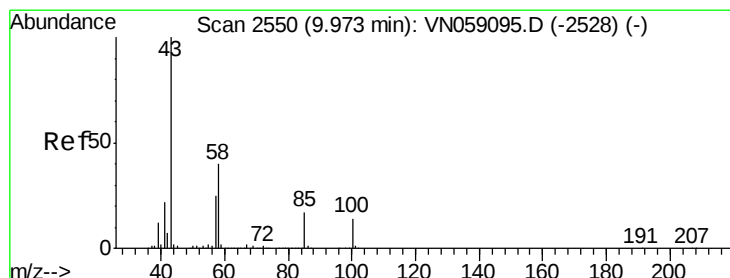
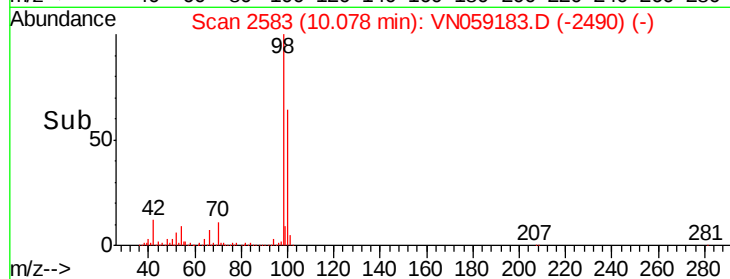
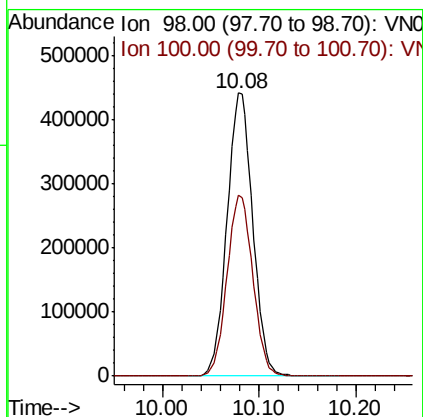
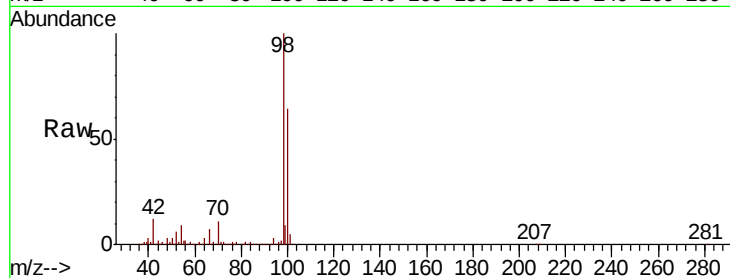
PB124708TB

Tot Ion: 98 Resp: 815305

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.687 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059183.D

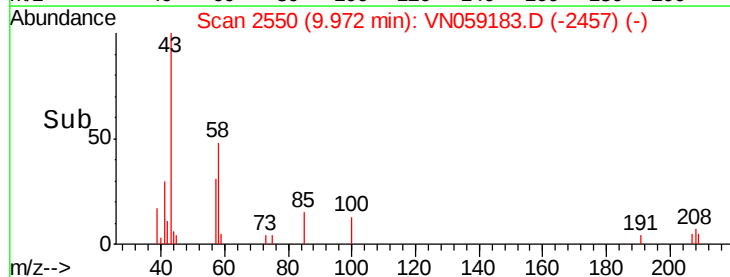
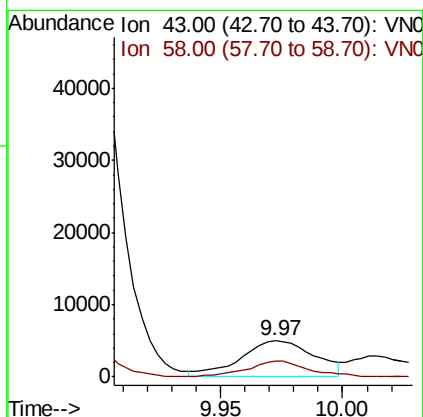
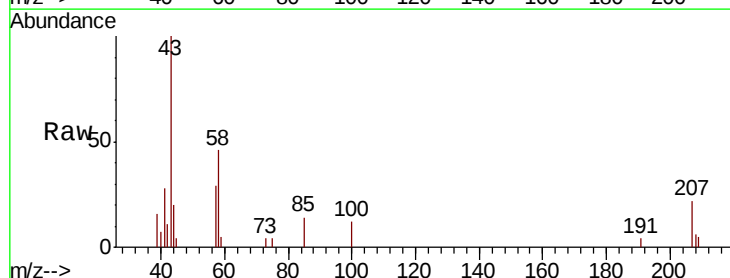
Acq: 12 Nov 2019 12:32

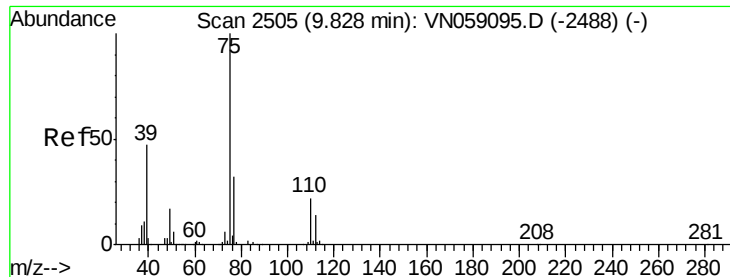
Tgt Ion: 43 Resp: 10157

Ion Ratio Lower Upper

43 100

58 37.2 31.5 47.3





#54

cis-1,3-Dichloropropene

Concen: 7.084 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

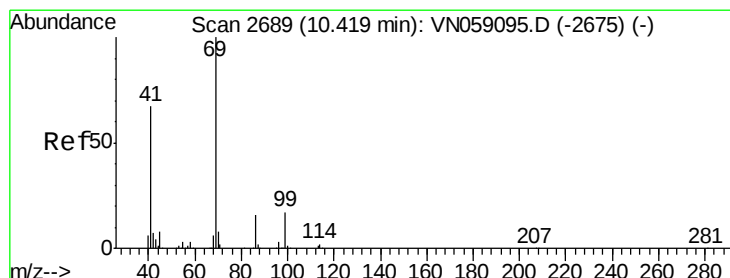
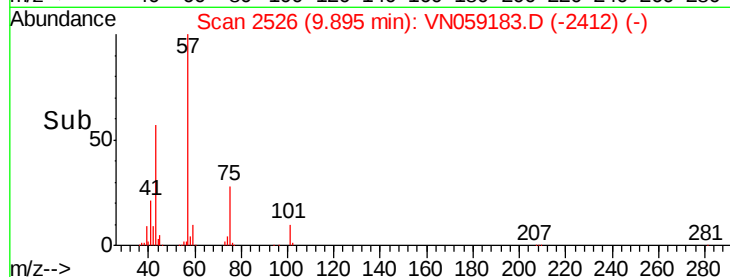
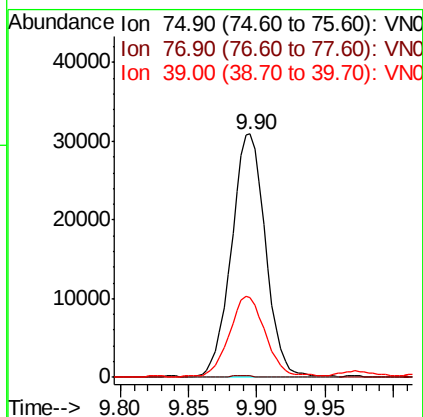
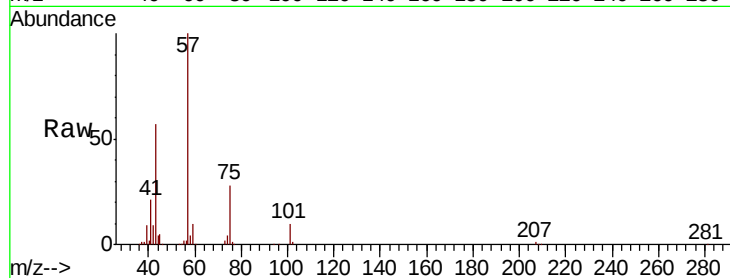
Tot Ion: 75 Resp: 53758

Ion Ratio Lower Upper

75 100

77 0.6 25.5 38.3#

39 32.0 37.3 55.9#



#56

Ethyl methacrylate

Concen: 2.219 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

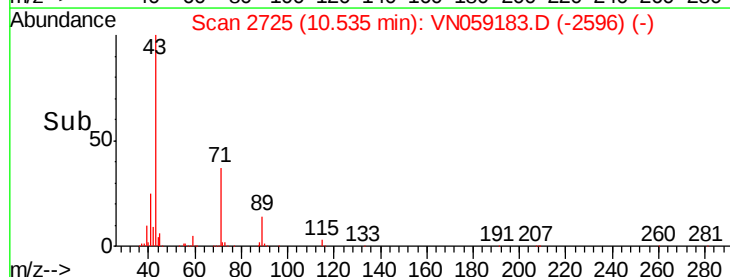
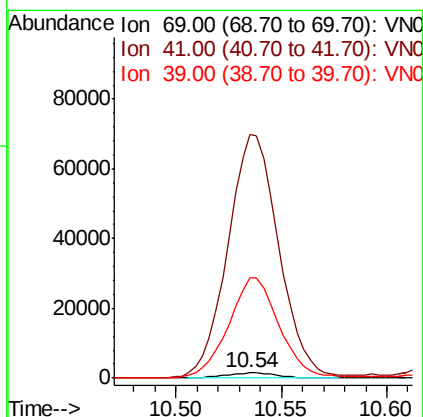
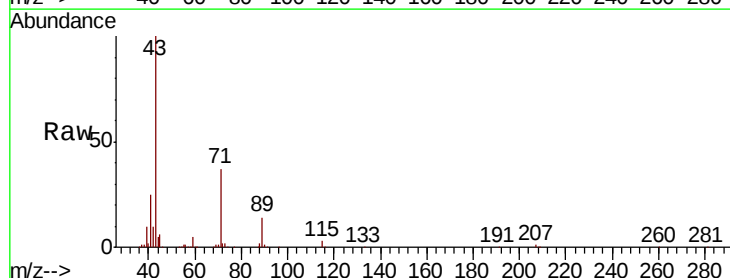
Tgt Ion: 69 Resp: 2627

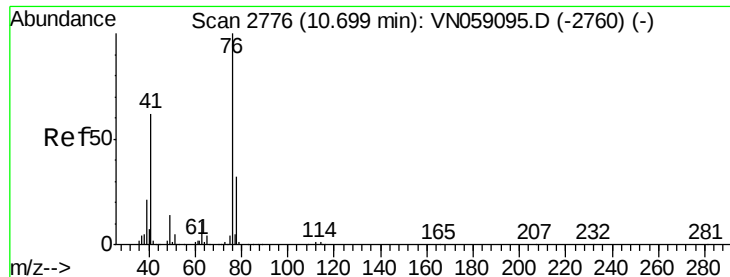
Ion Ratio Lower Upper

69 100

41 4452.5 53.6 80.4#

39 1839.7 26.2 39.4#

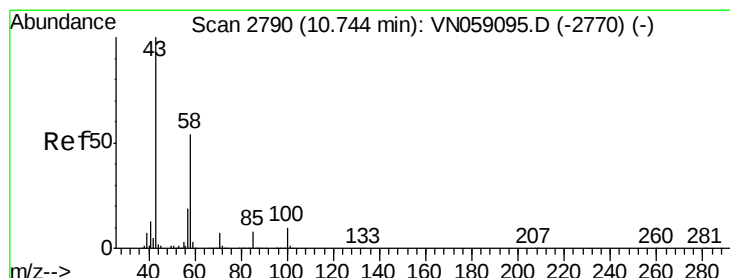
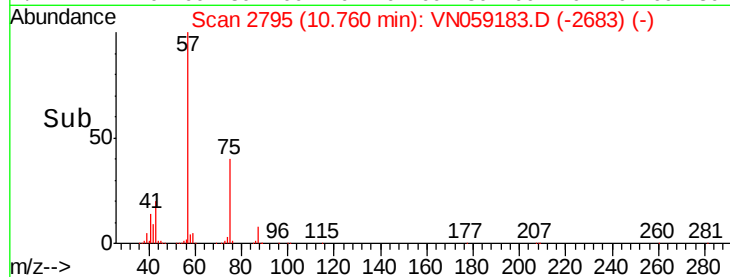
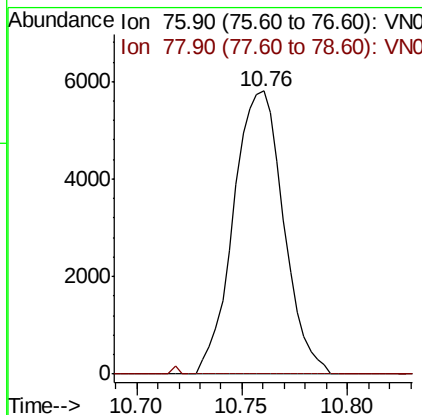
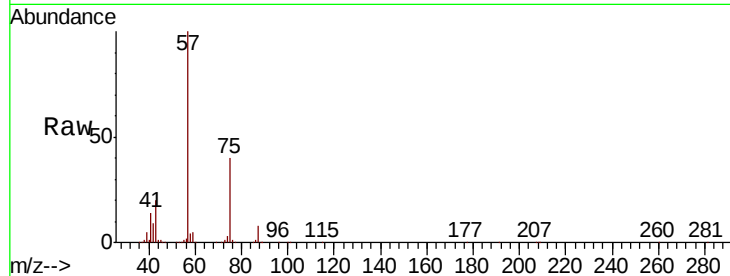




#57
 1,3-Dichloropropane
 Concen: 1.269 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

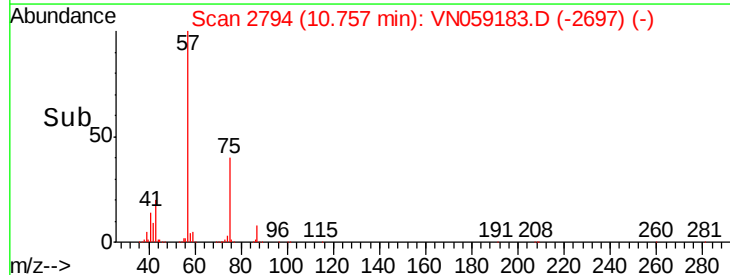
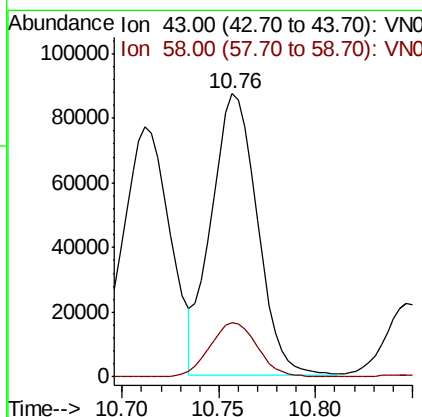
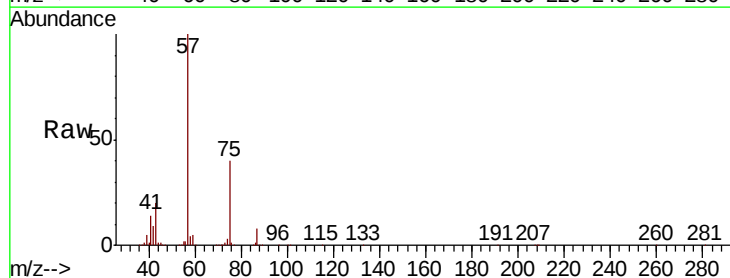
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

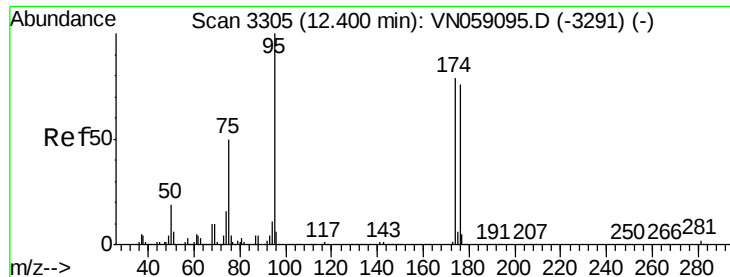
Tot Ion: 76 Resp: 9569
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 31.323 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

Tgt Ion: 43 Resp: 144747
 Ion Ratio Lower Upper
 43 100
 58 20.1 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 46.126 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

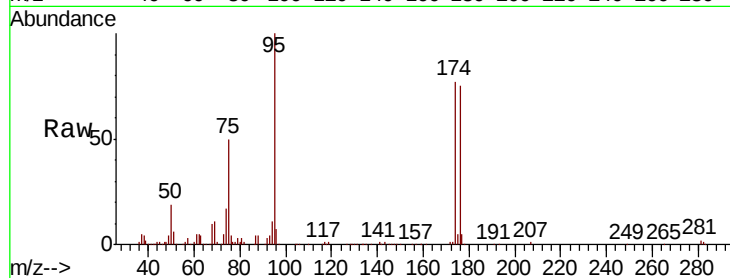
Tot Ion: 95 Resp: 251067

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

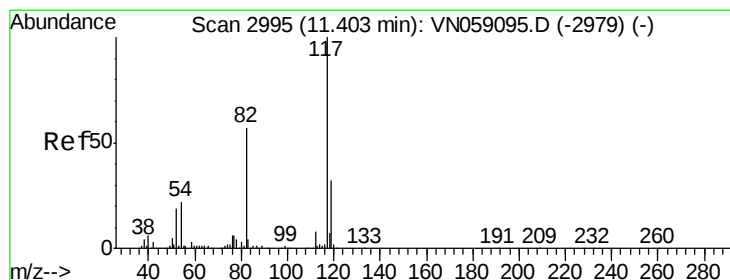
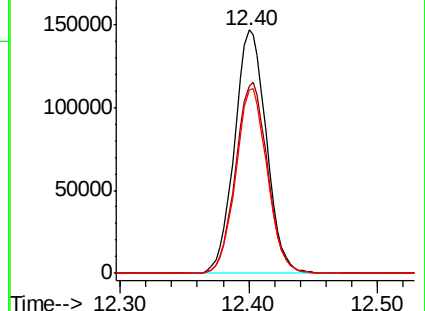
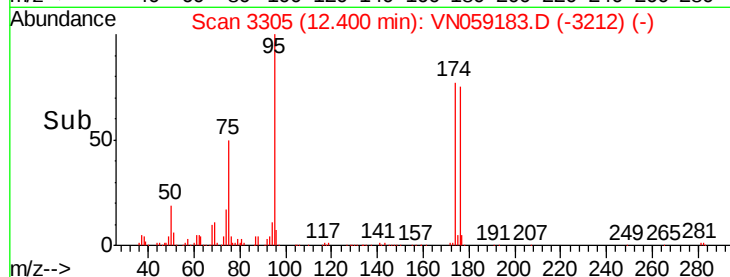
176 75.3 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059183.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059183.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059183.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

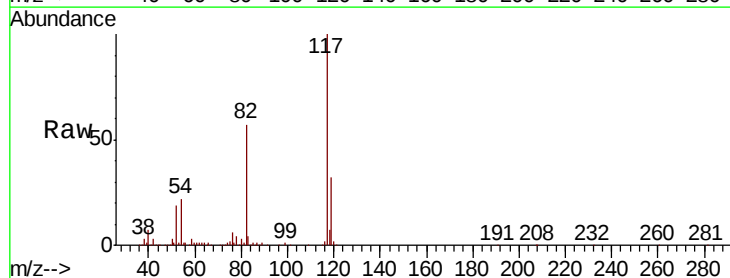
Tgt Ion: 117 Resp: 585057

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

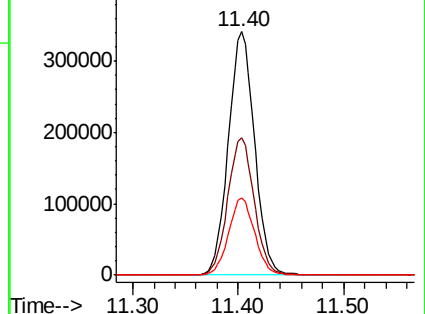
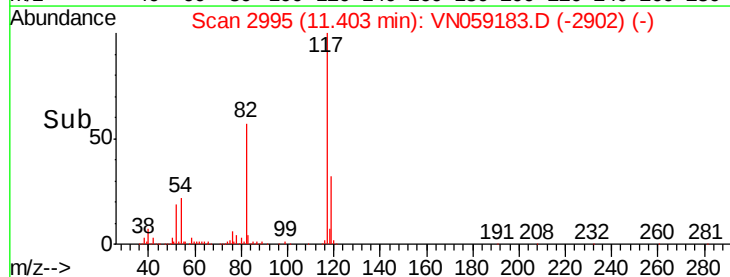
119 31.7 25.8 38.6

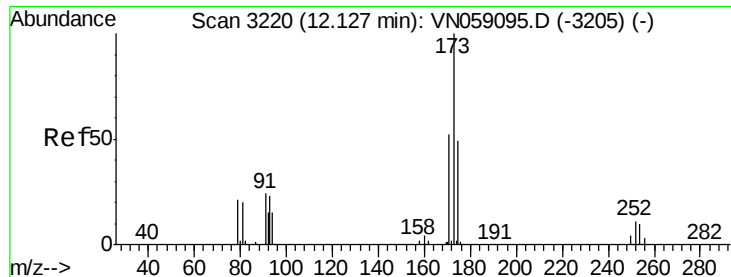


Abundance Ion 116.90 (116.60 to 117.60): VN059183.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059183.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059183.D (-2902) (-)





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

PB124708TB

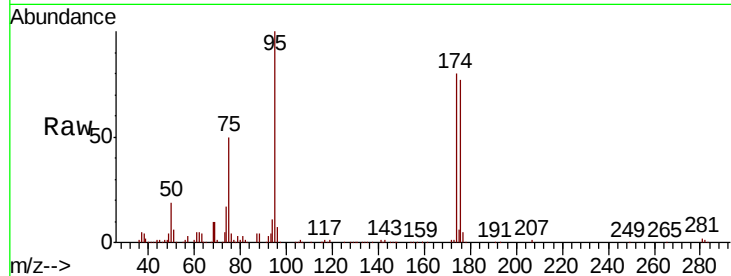
Tot Ion:173 Resp: 1532

Ion Ratio Lower Upper

173 100

175 764.2 24.2 72.6#

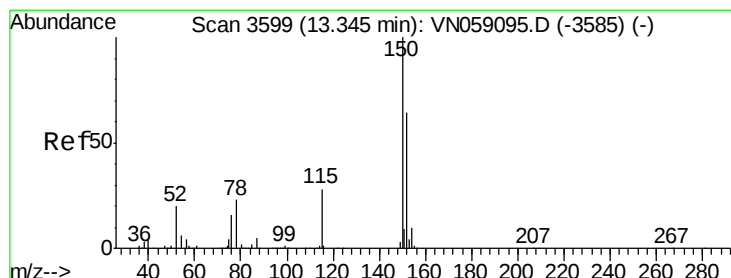
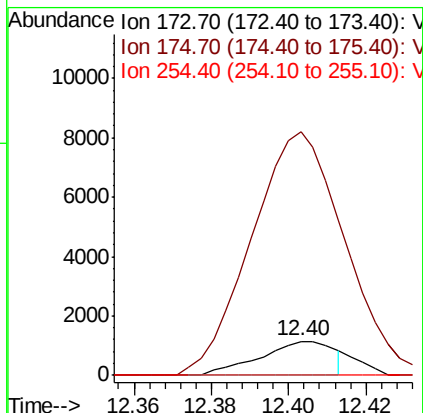
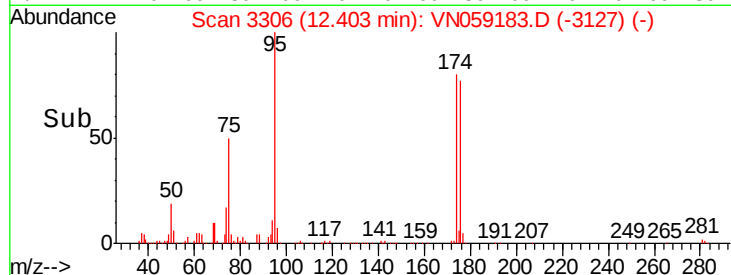
254 0.0 0.1 0.1#



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: VN059183.D

Acq: 12 Nov 2019 12:32

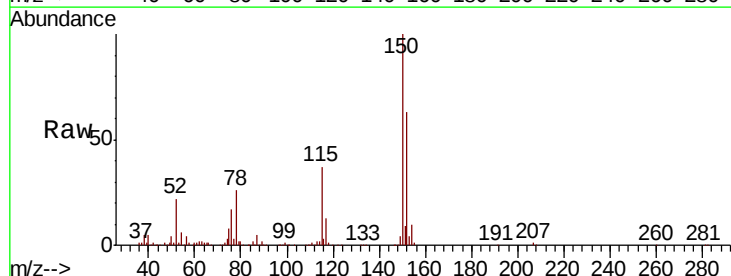
Tgt Ion:152 Resp: 202136

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

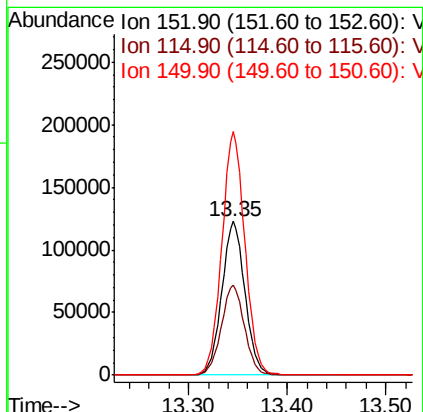
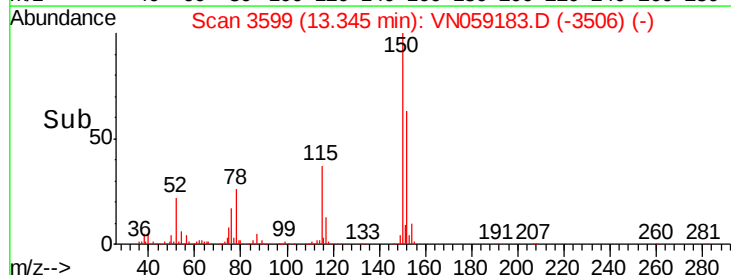
150 157.7 0.0 345.8

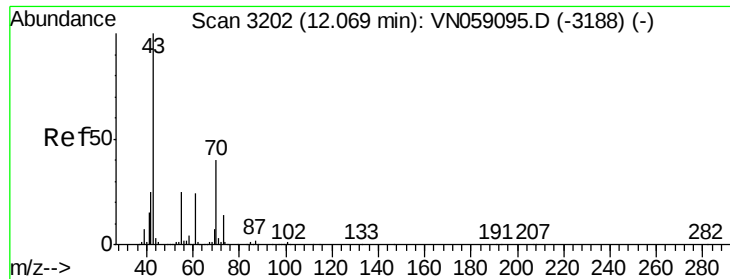


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 1.050 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

Tot Ion: 43 Resp: 6540

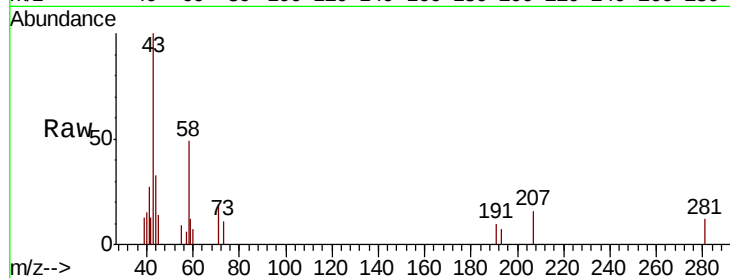
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 3.2 20.4 30.6#

61 0.0 19.3 28.9#

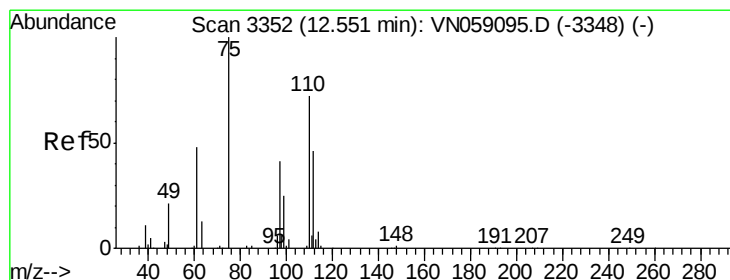
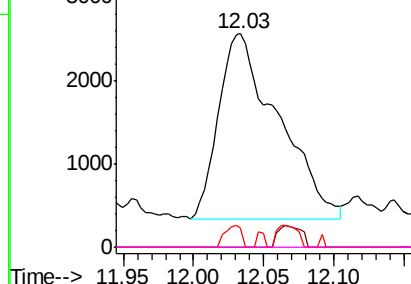
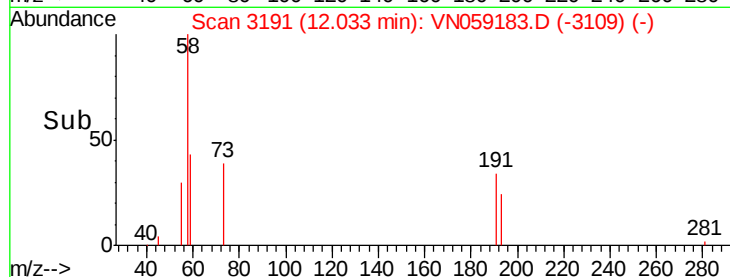


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 27.329 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059183.D

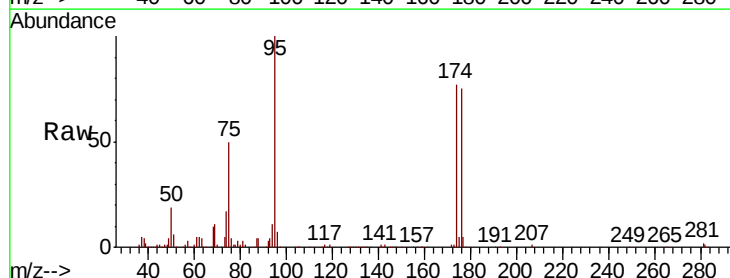
Acq: 12 Nov 2019 12:32

Tgt Ion: 75 Resp: 125766

Ion Ratio Lower Upper

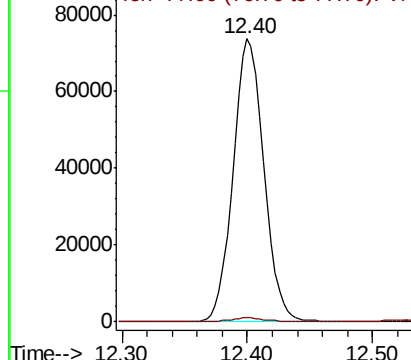
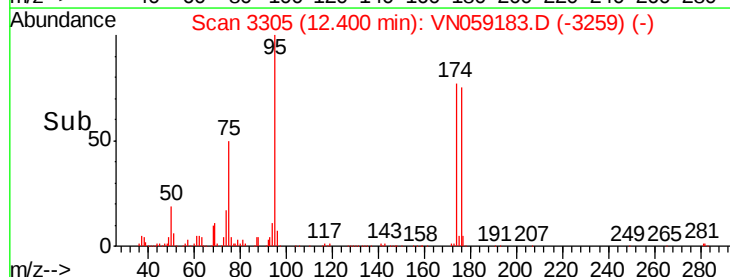
75 100

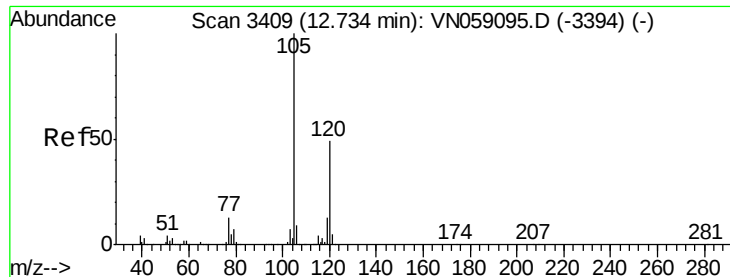
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 1.080 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

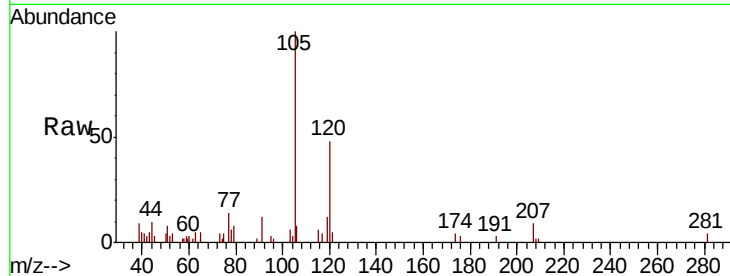
PB124708TB

Tot Ion:105 Resp: 13457

Ion Ratio Lower Upper

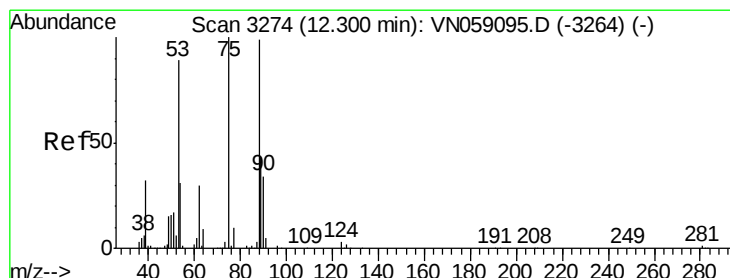
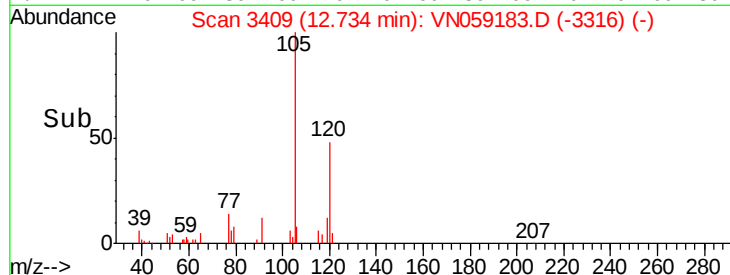
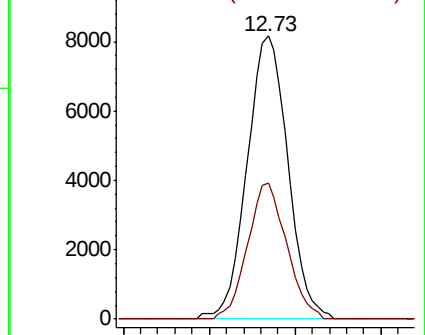
105 100

120 45.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 72.183 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

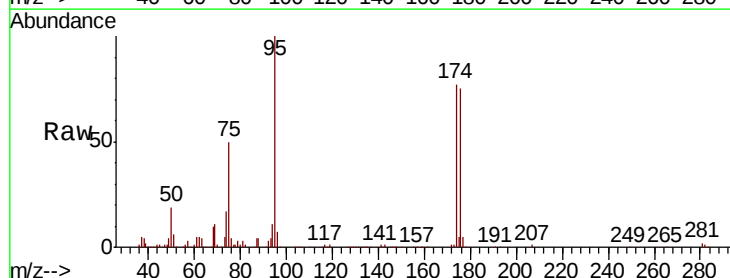
Tgt Ion: 75 Resp: 125766

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

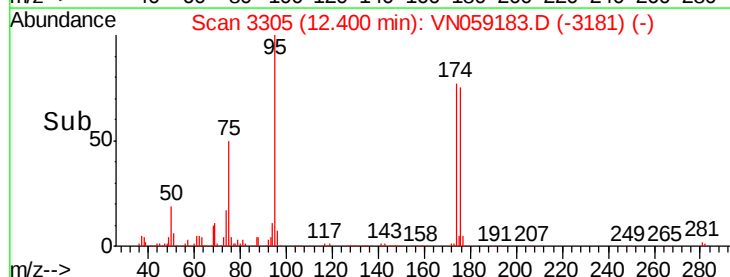
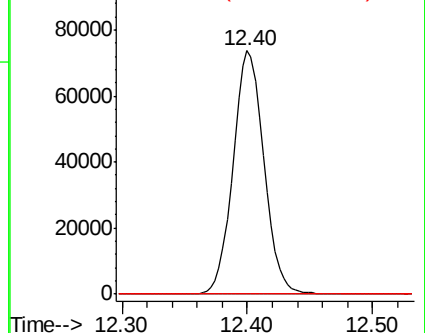
89 0.0 35.8 53.8#

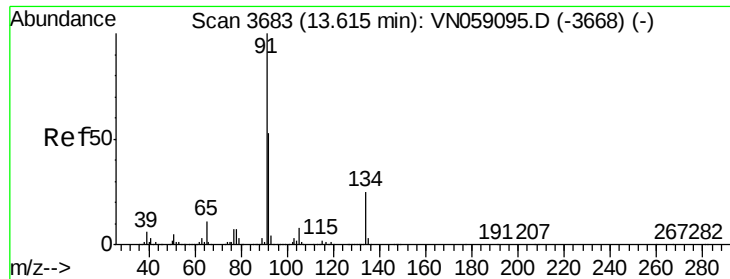


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#89

n-Butylbenzene

Concen: 0.205 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

PB124708TB

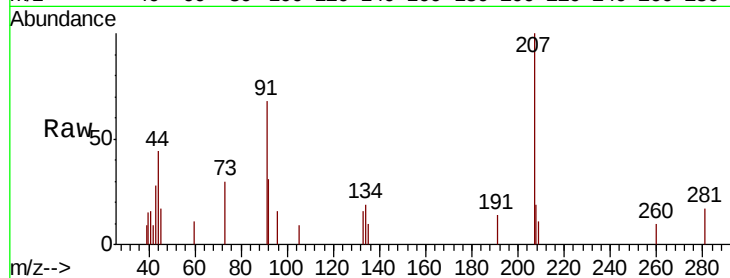
Tot Ion: 91 Resp: 2212

Ion Ratio Lower Upper

91 100

92 47.3 26.1 78.3

134 23.6 12.6 37.8

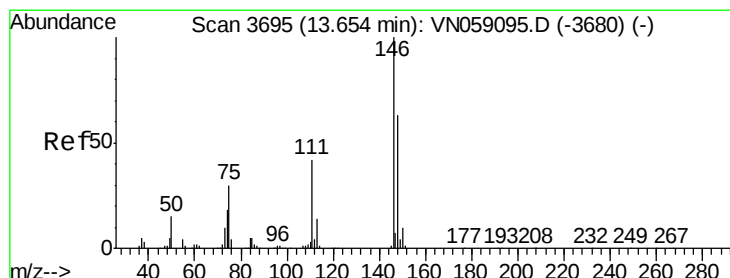
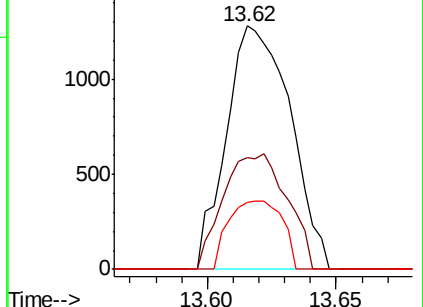
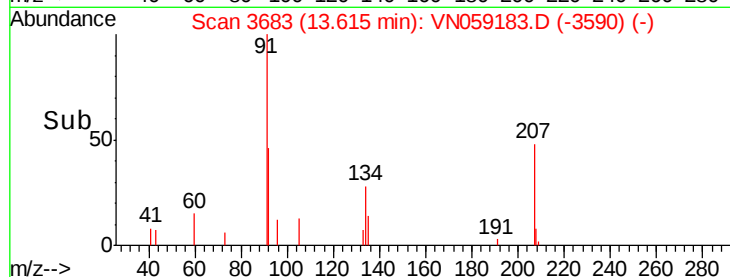


Abundance Ion 91.00 (90.70 to 91.70): VN059183.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN059183.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN059183.D (-3590) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.218 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

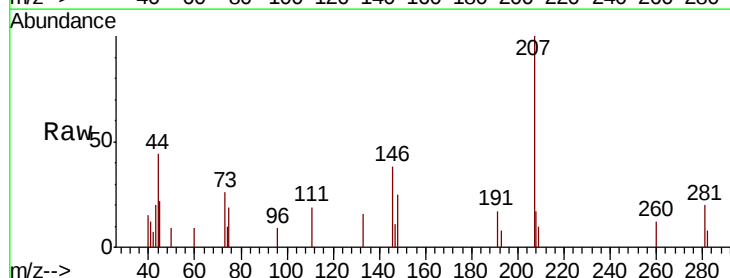
Tgt Ion: 146 Resp: 1354

Ion Ratio Lower Upper

146 100

111 40.4 21.2 63.6

148 79.5 31.6 94.7

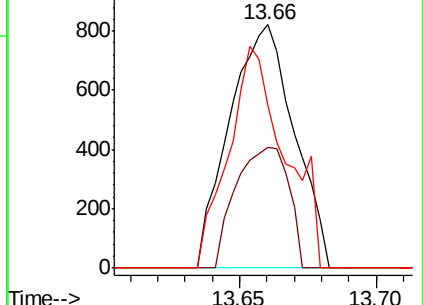
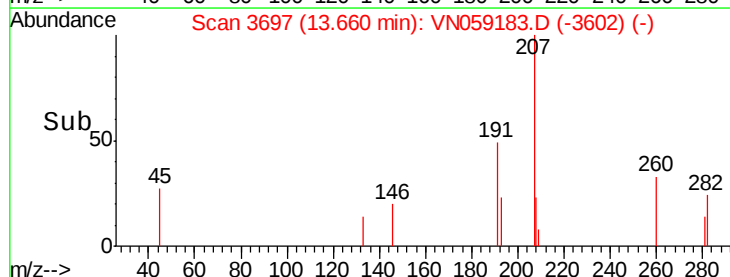


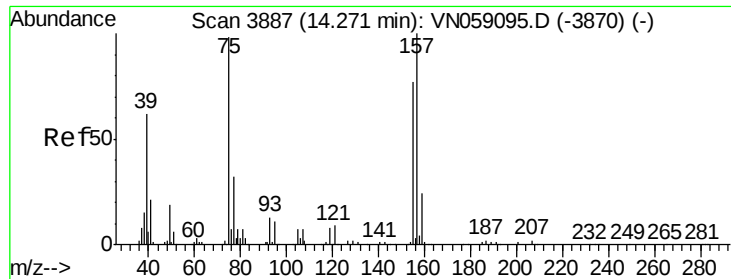
Abundance Ion 145.90 (145.60 to 146.60): VN059183.D (-3602) (-)

Ion 110.90 (110.60 to 111.60): VN059183.D (-3602) (-)

Ion 147.90 (147.60 to 148.60): VN059183.D (-3602) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.471 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

PB124708TB

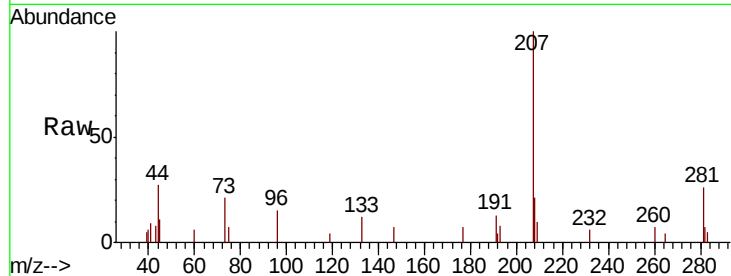
Tot Ion: 75 Resp: 444

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

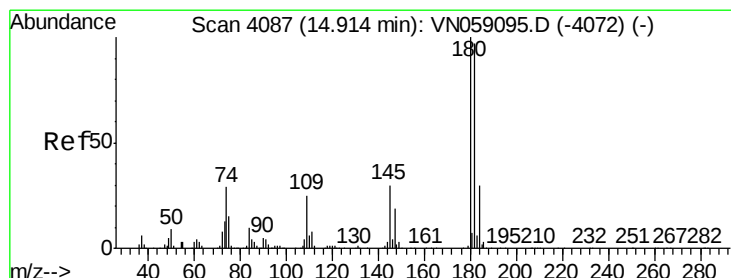
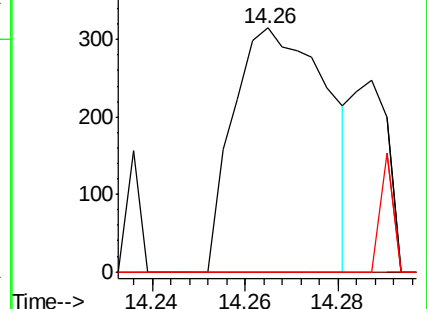
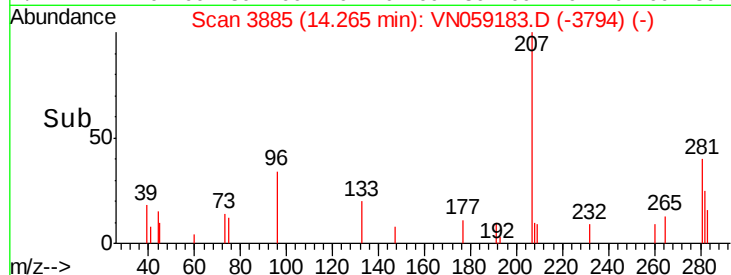
157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN059183.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN059183.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN059183.D (-3794) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.671 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

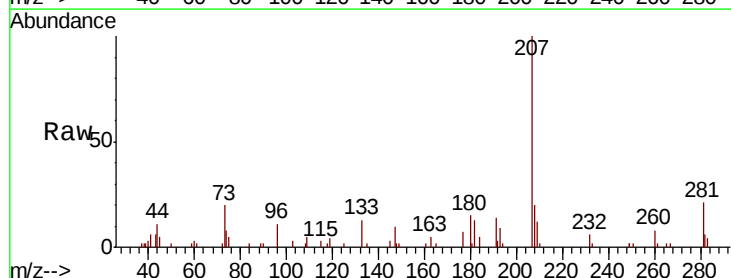
Tgt Ion: 180 Resp: 2513

Ion Ratio Lower Upper

180 100

182 84.3 48.1 144.3

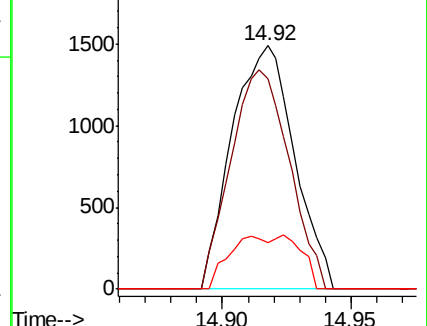
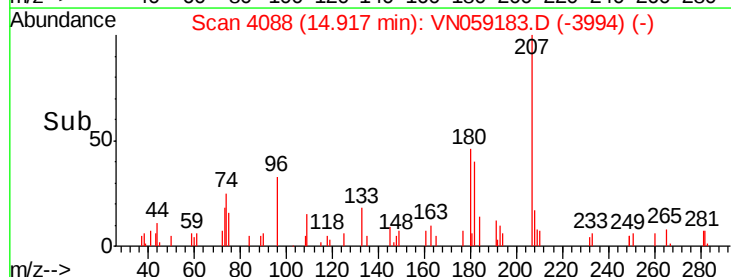
145 13.8 15.1 45.3#

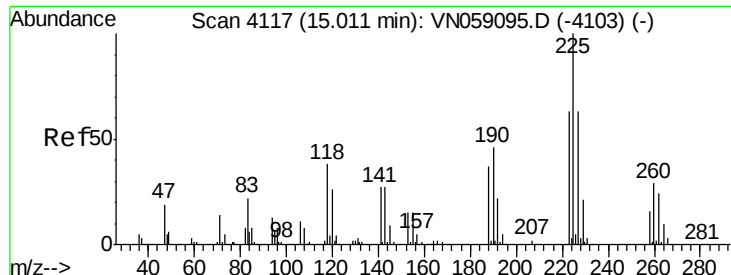


Abundance Ion 179.80 (179.50 to 180.50): VN059183.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN059183.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN059183.D (-3994) (-)





#94

Hexachlorobutadiene

Concen: 0.216 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

PB124708TB

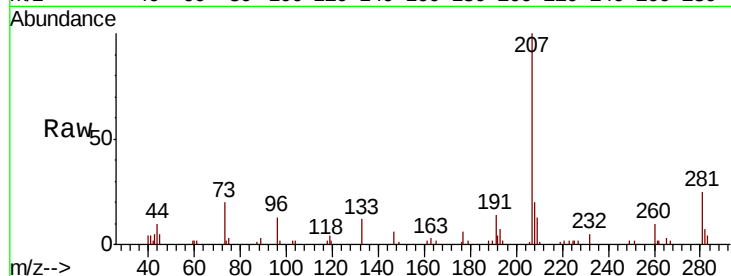
Tot Ion:225 Resp: 464

Ion Ratio Lower Upper

225 100

223 33.6 31.3 93.9

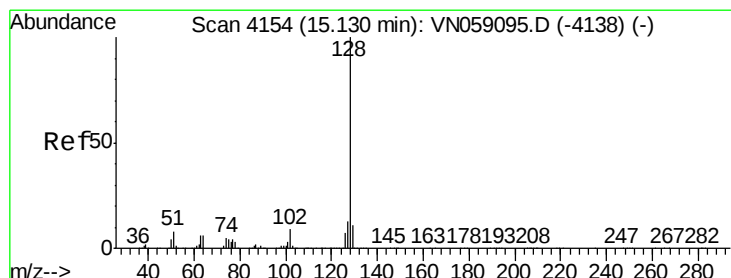
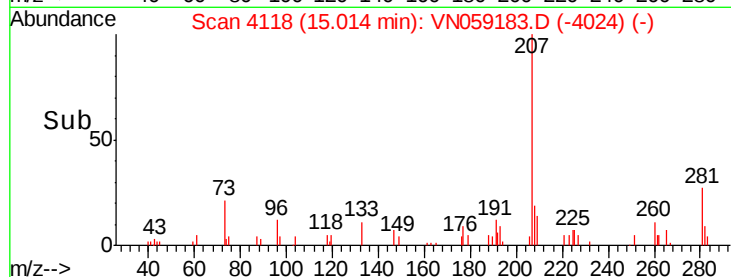
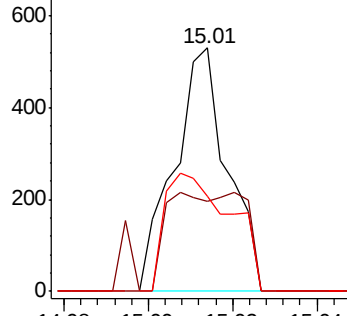
227 59.7 31.5 94.5



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: 3.970 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

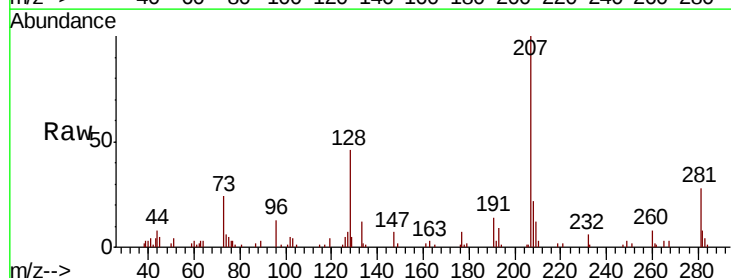
Tgt Ion:128 Resp: 10319

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

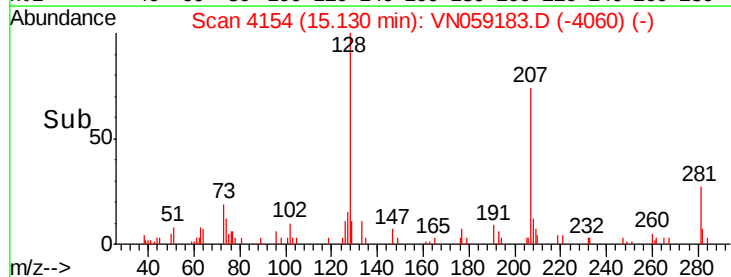
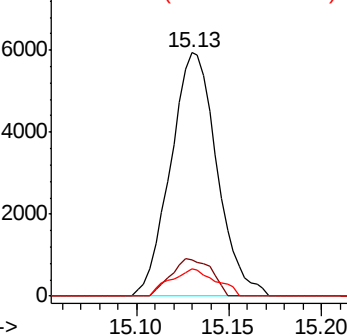
129 11.0 8.6 12.8

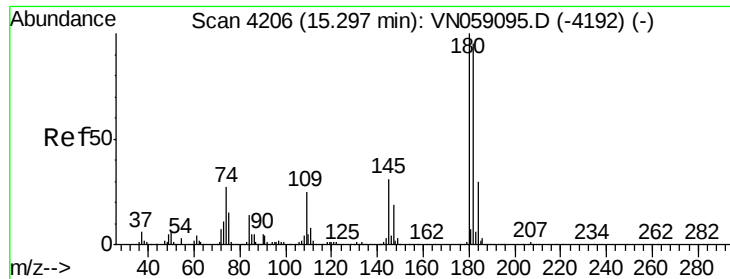


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

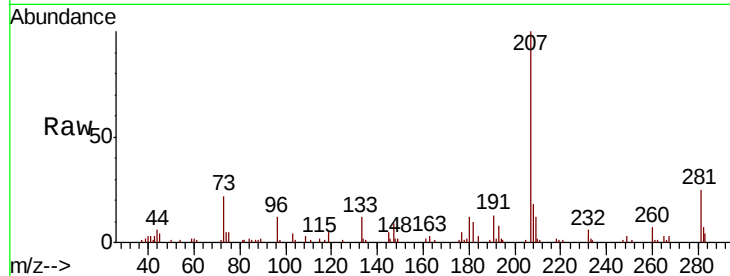




#96
 1,2,3-Trichlorobenzene
 Concen: 0.986 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. -0.00 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.3	141.8
145	34.8	15.8	47.3



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

