

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059388.D
 Acq On : 25 Nov 2019 17:16
 Operator : JC/SP
 Sample : K5670-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	553921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	490579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	202479	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
35) Dibromofluoromethane	7.57	113	163926	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	10.08	98	672819	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	220464	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	348	0.402	ug/l #	73
13) Acrolein	3.59	56	315	0.399	ug/l #	65
14) Allyl chloride	4.53	41	9989	1.375	ug/l #	28
16) Acetone	3.80	43	13975	7.209	ug/l	91
17) Carbon Disulfide	4.03	76	2086	0.311	ug/l #	57
18) Methyl Acetate	4.30	43	4264	0.663	ug/l #	83
20) Methylene Chloride	4.53	84	253996	58.092	ug/l	98
25) 2-Butanone	6.82	43	4942	1.639	ug/l	99
29) Tetrahydrofuran	7.20	42	795	0.381	ug/l #	40
31) Cyclohexane	7.64	56	6131	0.805	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	25942	4.537	ug/l #	46
37) Ethyl Acetate	6.82	43	4942	0.804	ug/l #	68
38) Carbon Tetrachloride	7.65	117	32617	5.958	ug/l #	16
43) Isopropyl Acetate	8.15	43	92001	9.795	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2042	0.456	ug/l #	45
48) Methyl methacrylate	9.17	41	5542	1.298	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	6365	1.158	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	38961	5.618	ug/l #	63
56) Ethyl methacrylate	10.54	69	1132	2.356	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6578	0.962	ug/l #	42
59) 2-Hexanone	10.76	43	91188	22.652	ug/l #	52
68) m/p-Xylenes	11.62	106	2987	0.427	ug/l	99
71) Bromoform	12.41	173	1191	0.410	ug/l #	1
74) N-ethyl acetate	12.03	43	3400	0.549	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	106083	24.419	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4131	0.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	106083	61.077	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	7719	0.609	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	435	0.402	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	964	3.165	ug/l #	88
95) Naphthalene	15.13	128	16688	4.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	1255	2.209	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059388.D
Acq On : 25 Nov 2019 17:16
Operator : JC/SP
Sample : K5670-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 26 00:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

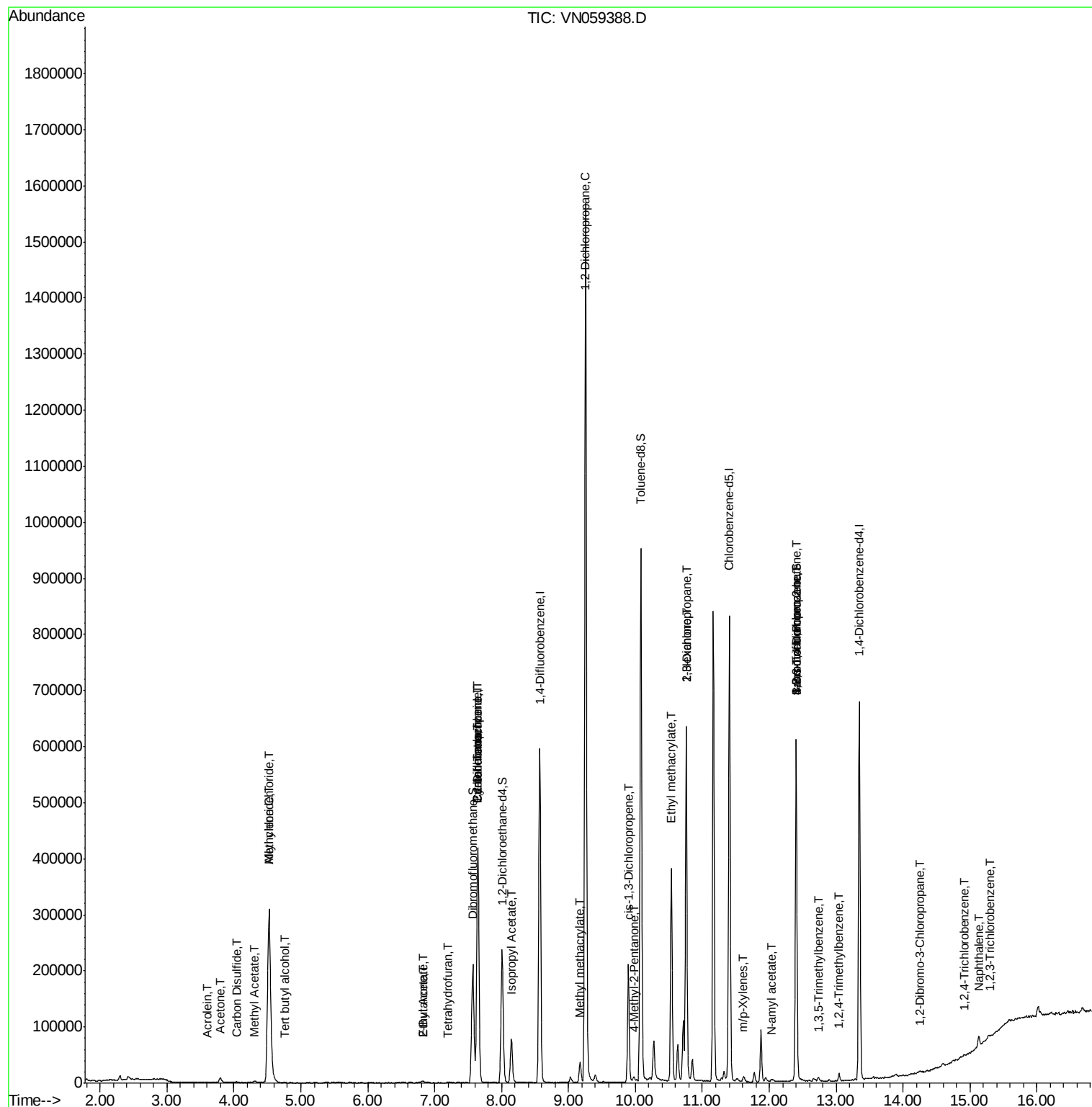
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

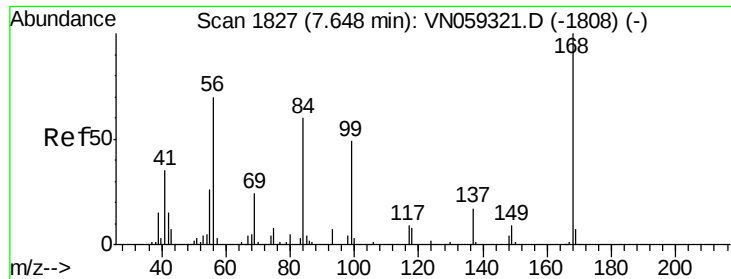
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059388.D
Acq On : 25 Nov 2019 17:16
Operator : JC/SP
Sample : K5670-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 26 00:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

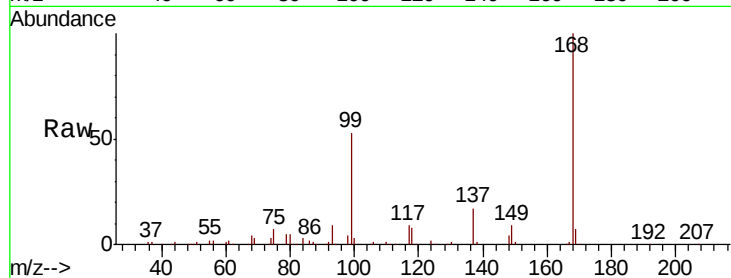
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 360351

Ion Ratio Lower Upper

168 100

99 52.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

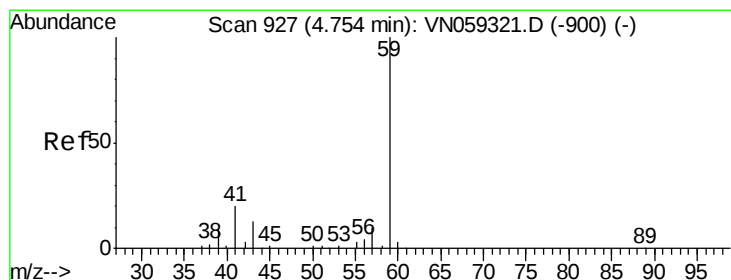
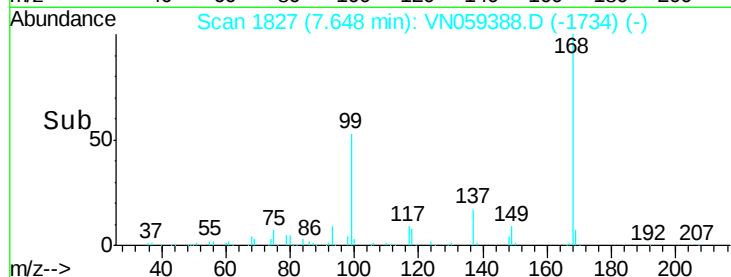
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.402 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059388.D

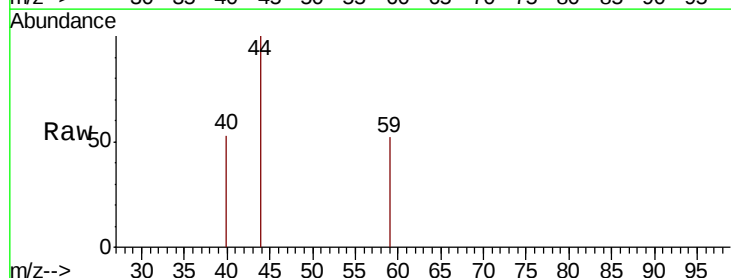
Acq: 25 Nov 2019 17:16

Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

300

250

200

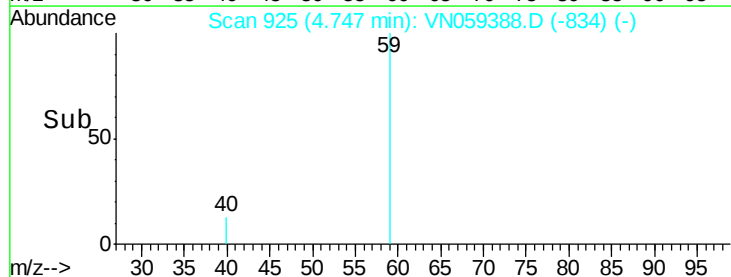
150

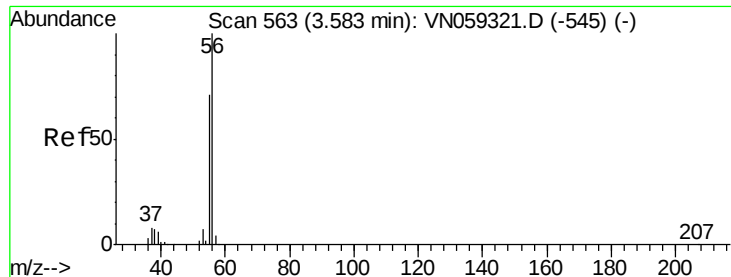
100

50

0

Time--> 4.74 4.76





#13

Acrolein

Concen: 0.399 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

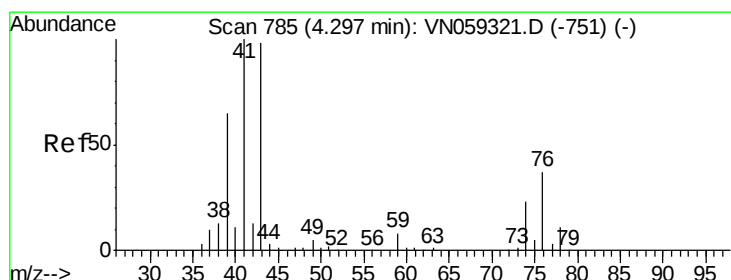
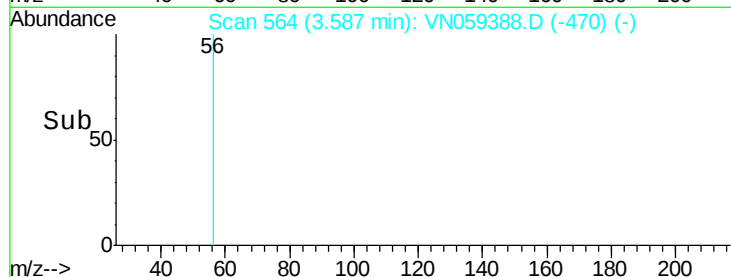
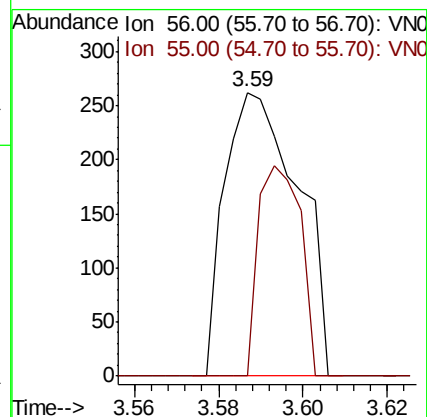
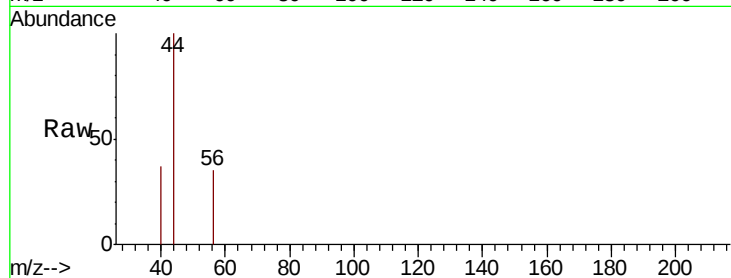
ClientSampleId :

Tot Ion: 56 Resp: 315

Ion Ratio Lower Upper

56 100

55 42.9 57.4 86.0#



#14

Allyl chloride

Concen: 1.375 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.23 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

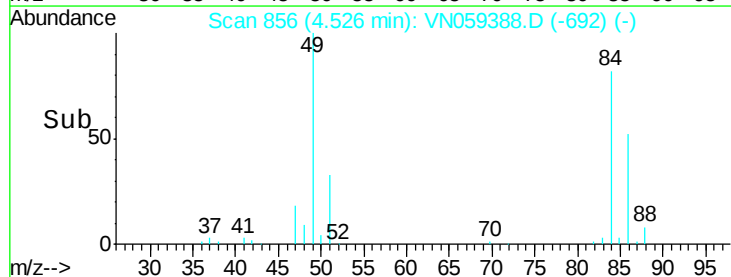
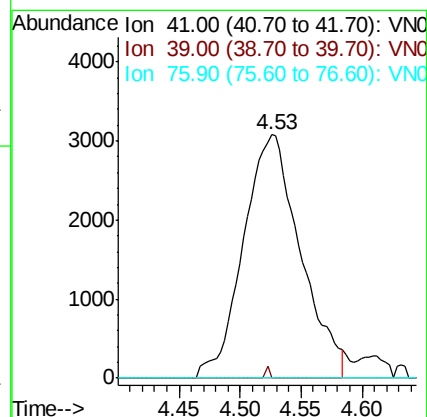
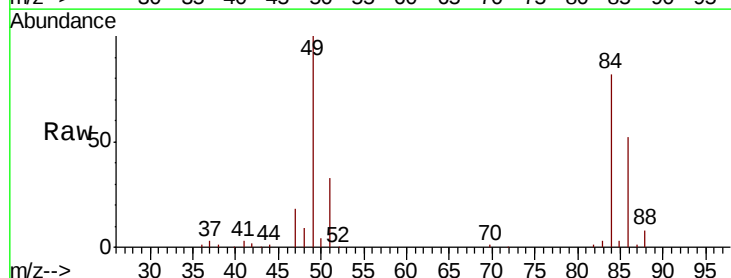
Tgt Ion: 41 Resp: 9989

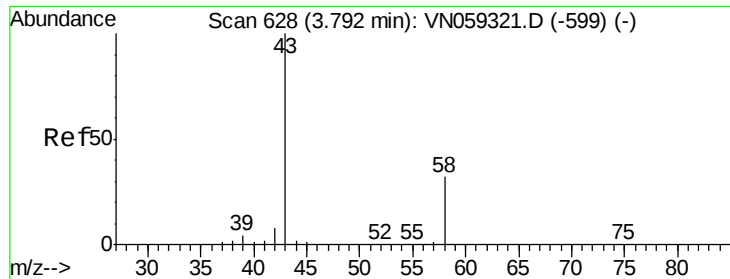
Ion Ratio Lower Upper

41 100

39 0.3 48.4 72.6#

76 0.0 26.2 39.4#





#16

Acetone

Concen: 7.209 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

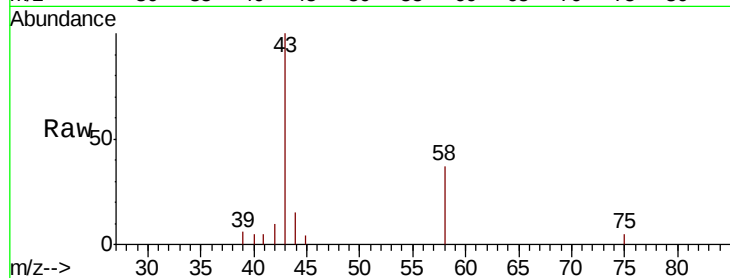
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 13975

Ion Ratio Lower Upper

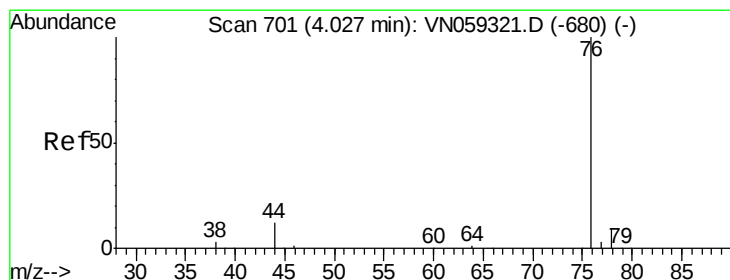
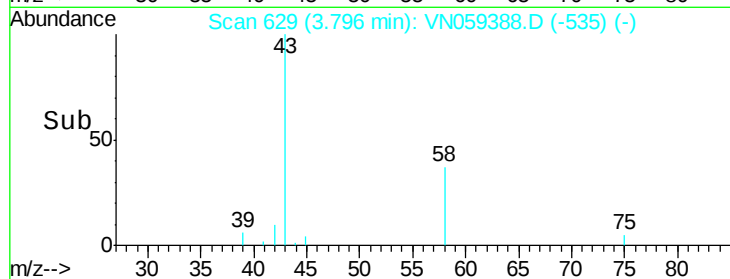
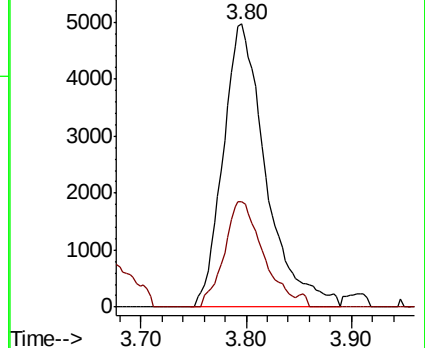
43 100

58 37.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059388.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059388.D (-535) (-)



#17

Carbon Disulfide

Concen: 0.311 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059388.D

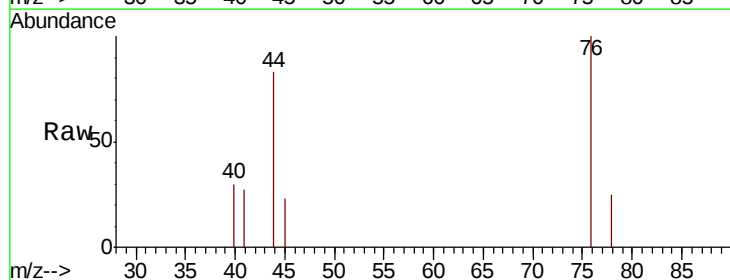
Acq: 25 Nov 2019 17:16

Tgt Ion: 76 Resp: 2086

Ion Ratio Lower Upper

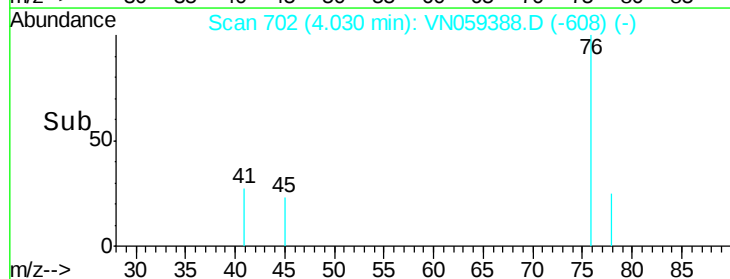
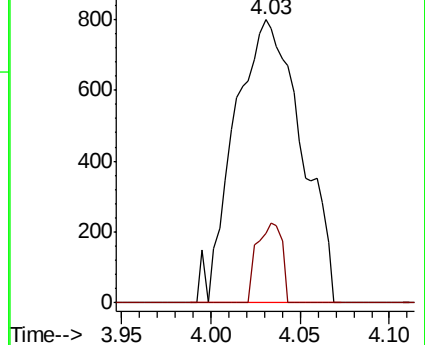
76 100

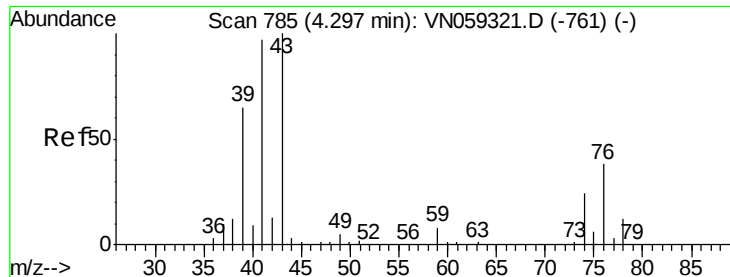
78 24.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN059388.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059388.D (-608) (-)

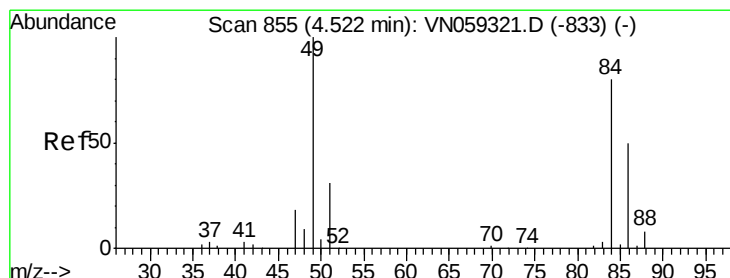
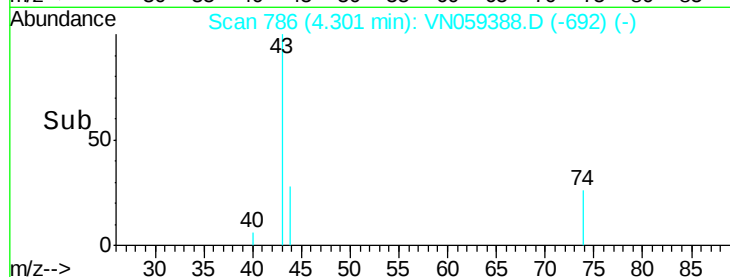
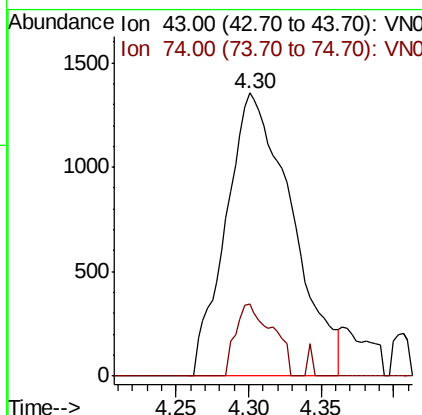
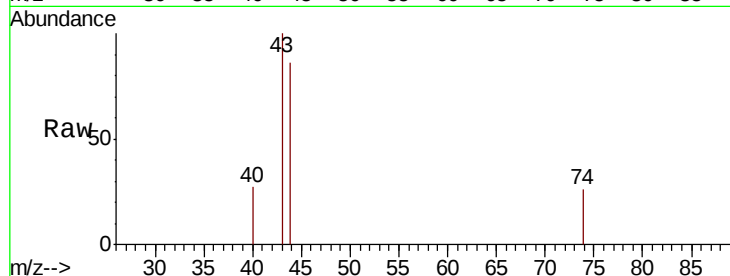




#18
Methvl Acetate
Concen: 0.663 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

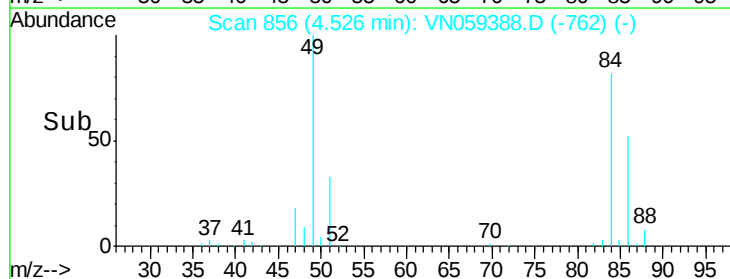
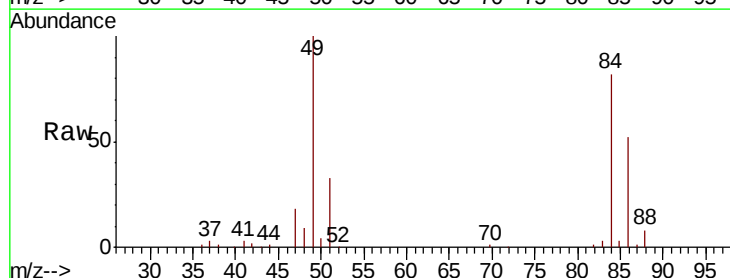
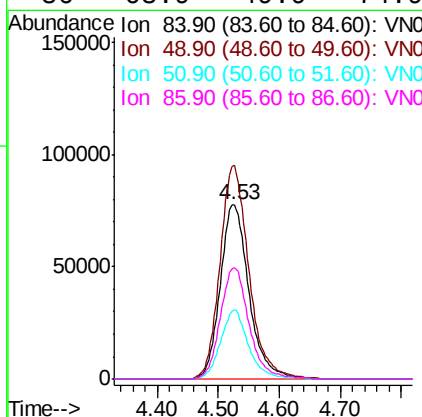
Instrument :
MSVOA_N
ClientSampleId :

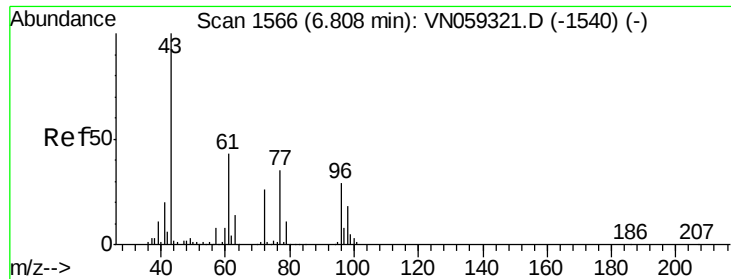
Tot Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
74 14.3 18.1 27.1#



#20
Methylene Chloride
Concen: 58.092 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

Tgt Ion: 84 Resp: 253996
Ion Ratio Lower Upper
84 100
49 122.3 99.5 149.3
51 39.9 31.1 46.7
86 63.9 49.9 74.9

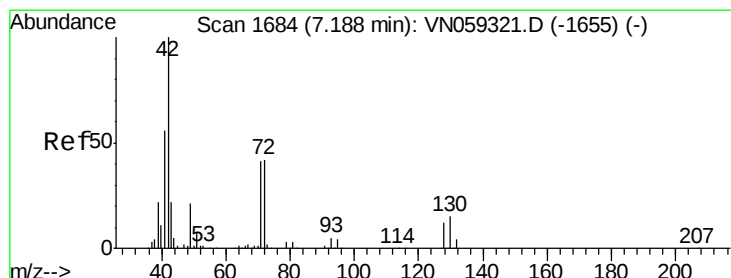
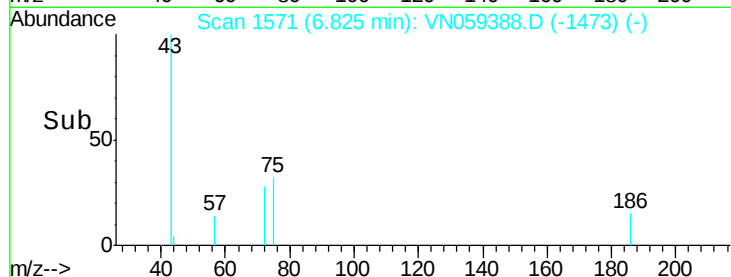
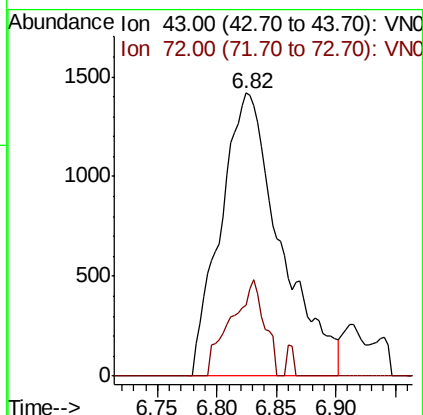
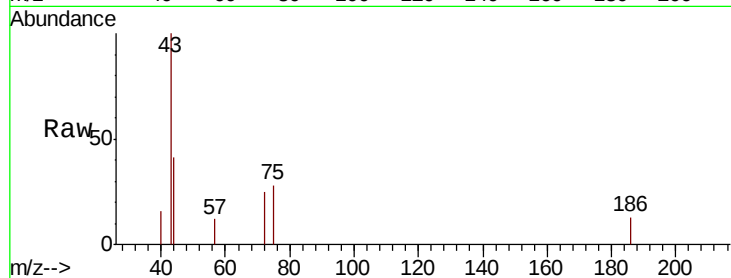




#25
2-Butanone
Concen: 1.639 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

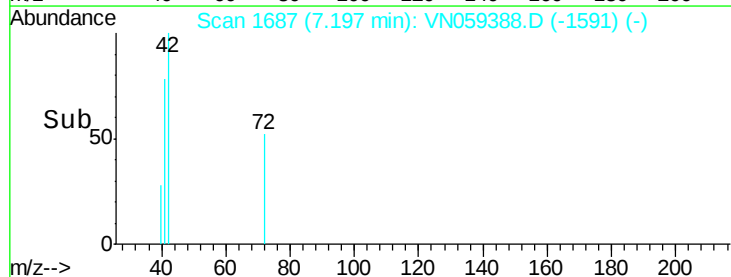
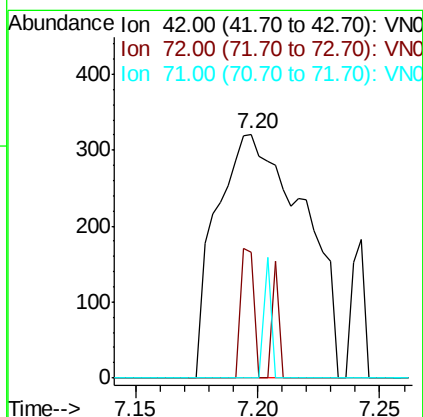
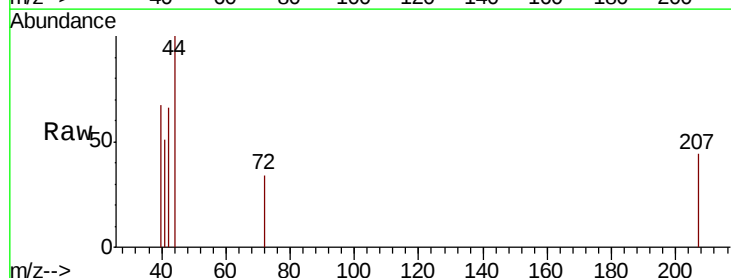
Instrument :
MSVOA_N
ClientSampleId :

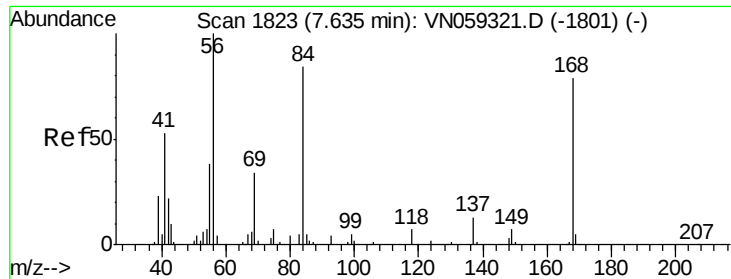
Tot Ion: 43 Resp: 4942
Ion Ratio Lower Upper
43 100
72 25.0 20.5 30.7



#29
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

Tgt Ion: 42 Resp: 795
Ion Ratio Lower Upper
42 100
72 8.2 34.2 51.2#
71 0.0 32.6 48.8#

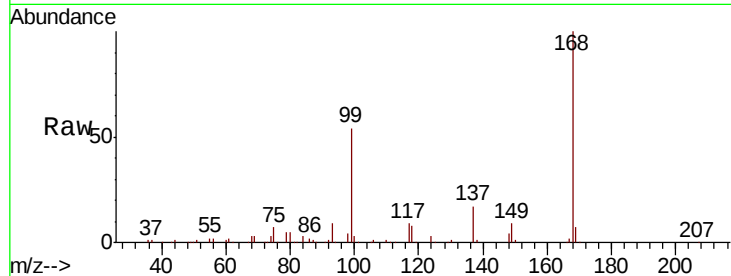




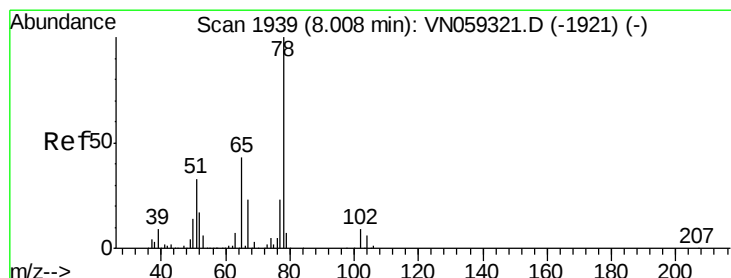
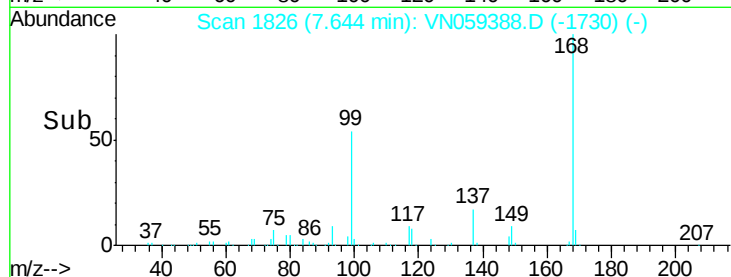
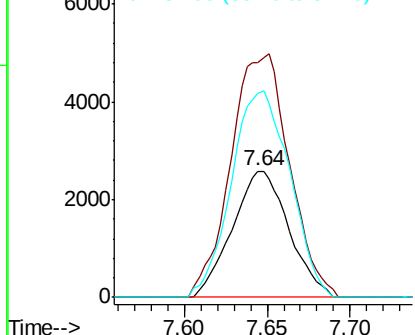
#31
Cyclohexane
Concen: 0.805 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6131
Ion Ratio Lower Upper
56 100
69 185.4 26.6 40.0#
84 161.9 67.0 100.4#

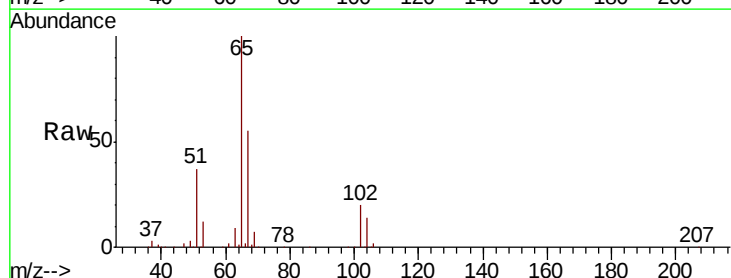


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

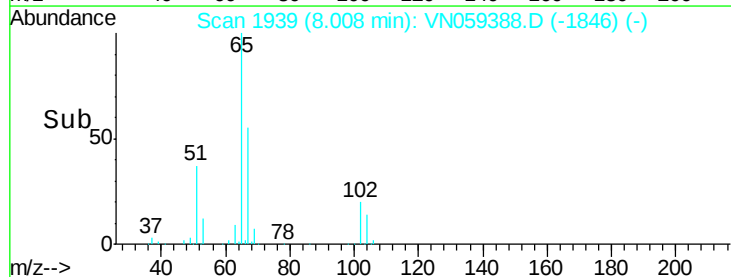
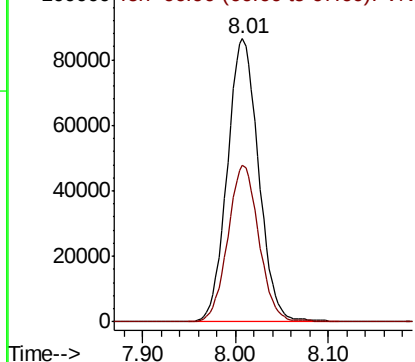


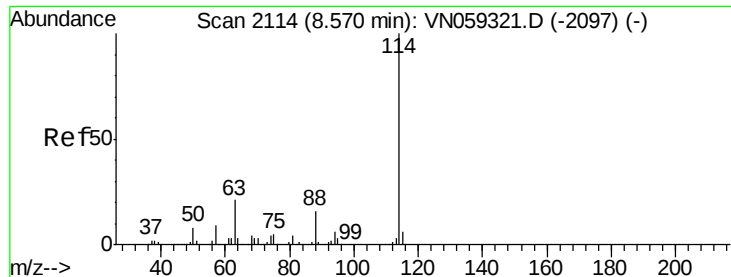
#33
1,2-Dichloroethane-d4
Concen: 46.831 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

Tgt Ion: 65 Resp: 202479
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.4



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

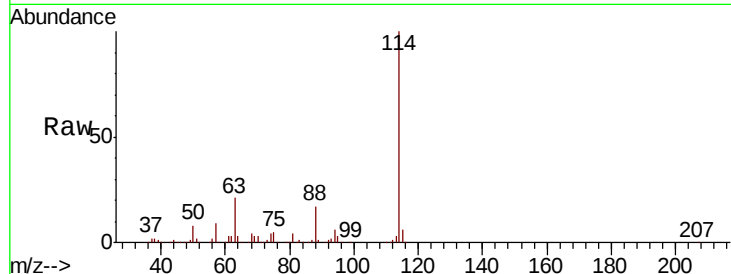




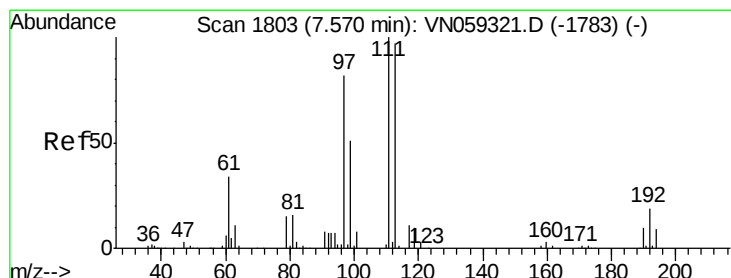
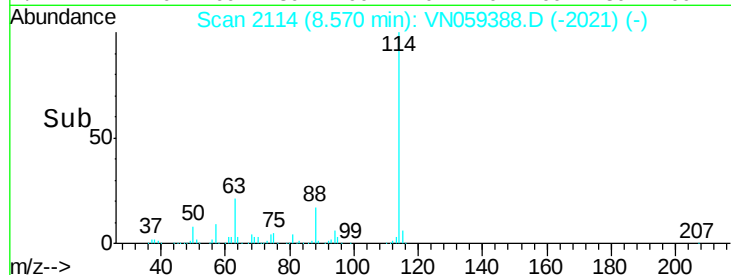
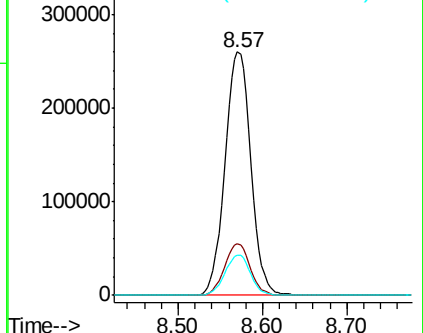
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	16.7	0.0	32.2

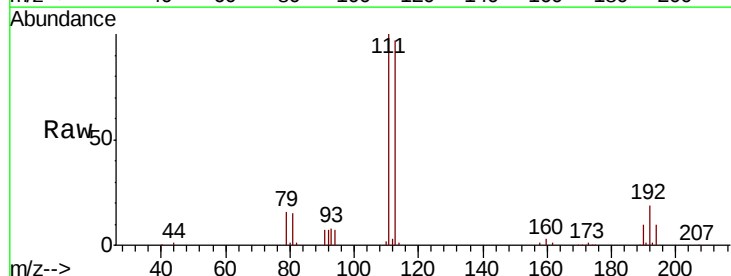


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

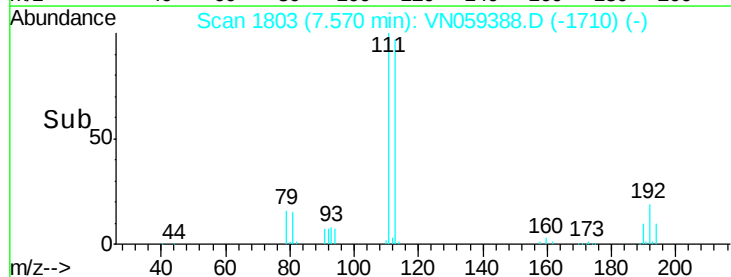
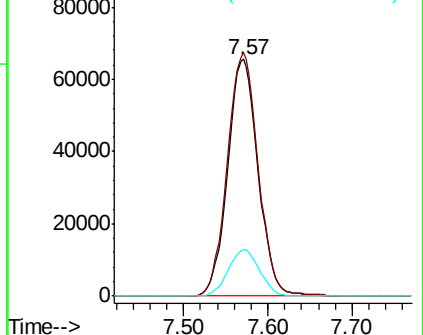


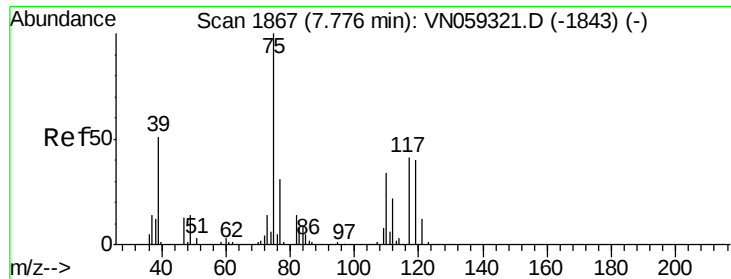
#35
 Dibromofluoromethane
 Concen: 49.328 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	20.3	16.3	24.5



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

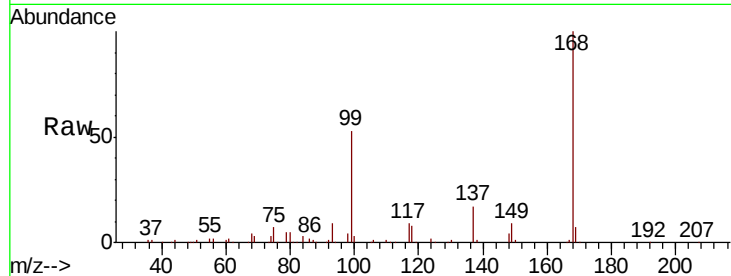




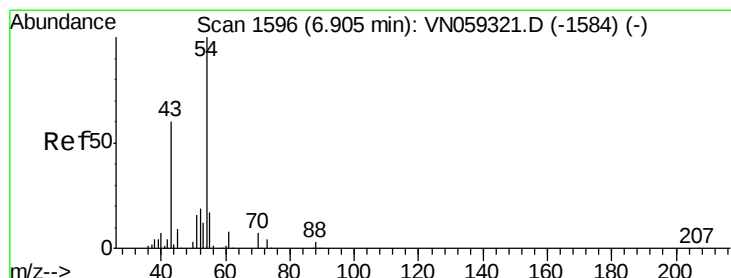
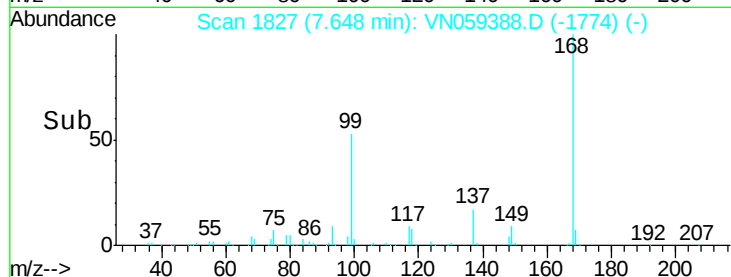
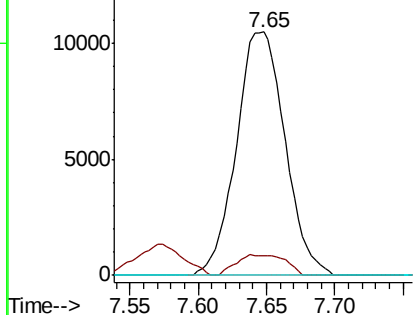
#36
 1,1-Dichloropropene
 Concen: 4.537 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.8	17.0	51.0#
77	0.0	24.8	37.2#

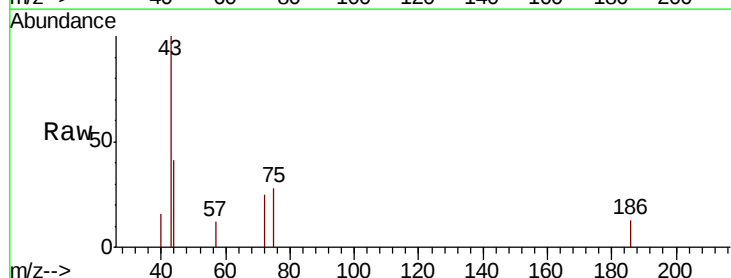


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

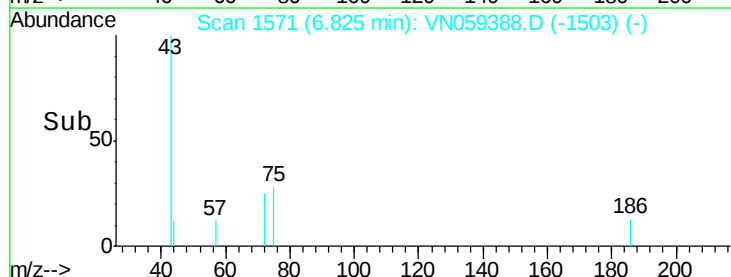
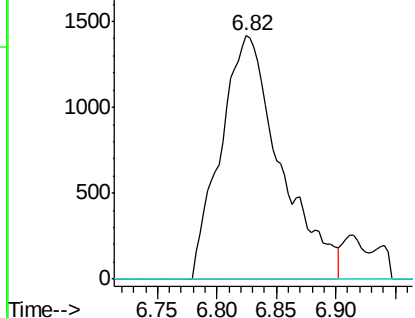


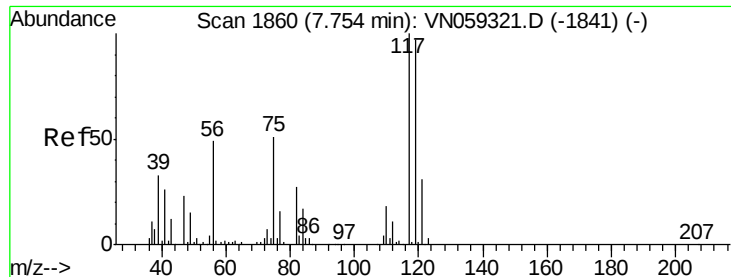
#37
 Ethyl Acetate
 Concen: 0.804 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.08 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	8.8	13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.958 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampled :

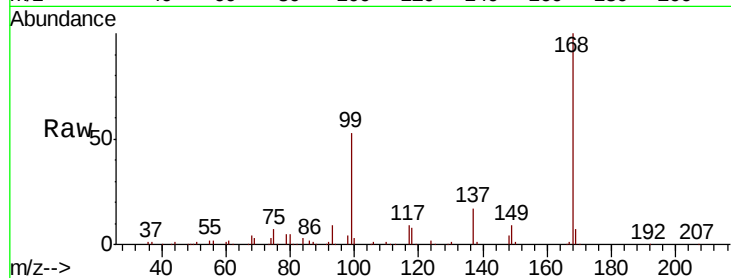
Tot Ion:117 Resp: 32617

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.4#

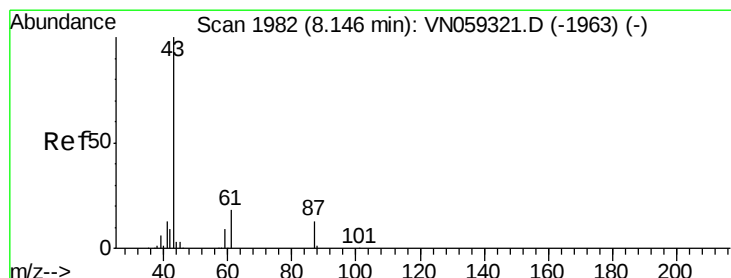
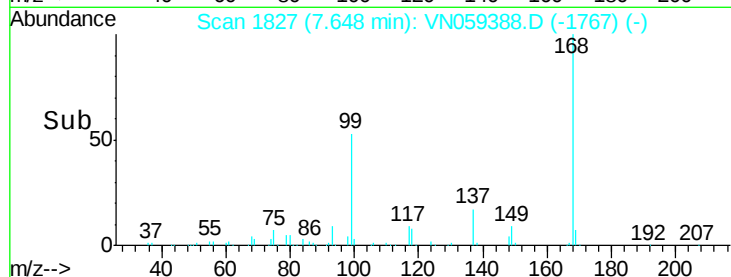
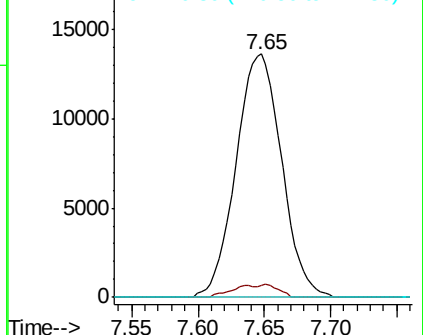
121 0.0 24.4 36.6#



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: 9.795 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

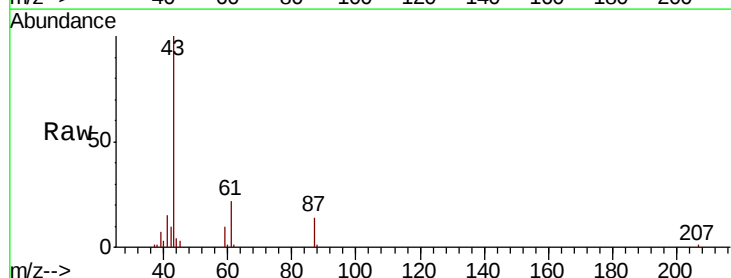
Tgt Ion: 43 Resp: 92001

Ion Ratio Lower Upper

43 100

61 20.6 21.7 32.5#

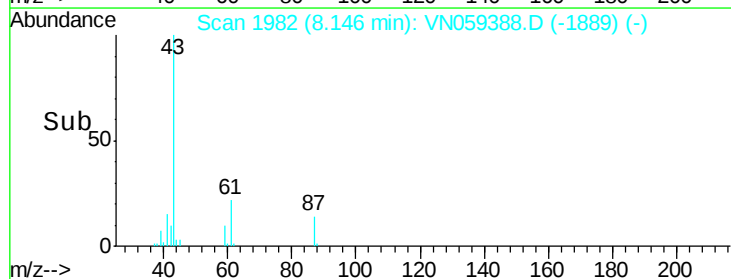
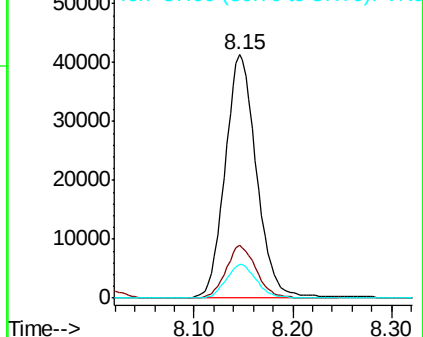
87 13.1 10.2 15.4

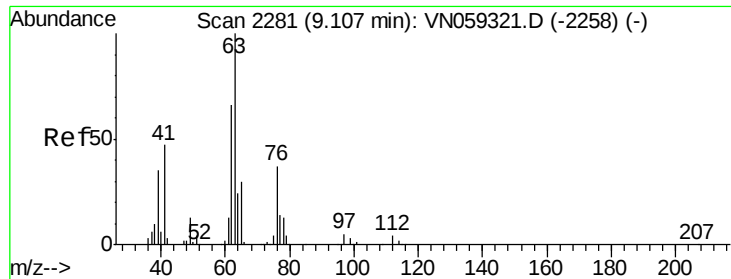


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.456 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

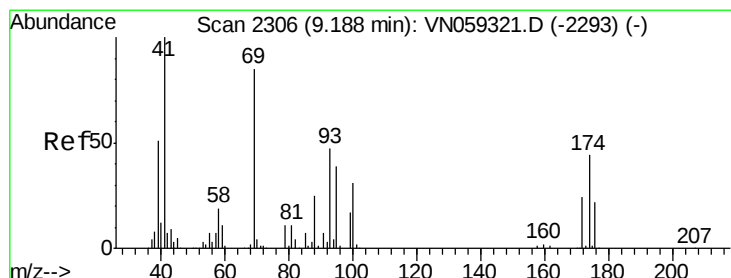
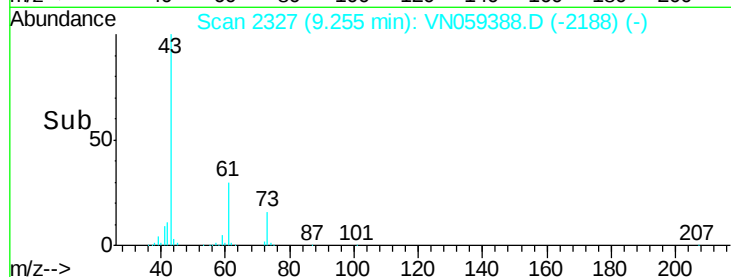
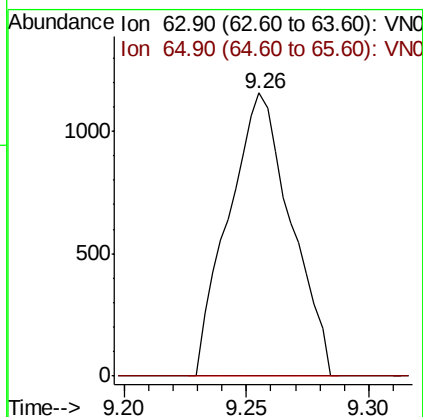
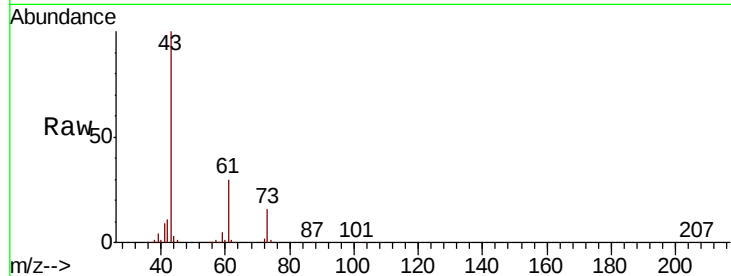
ClientSampled :

Tot Ion: 63 Resp: 2042

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.298 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

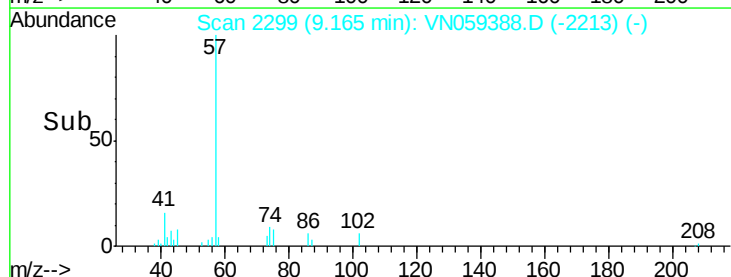
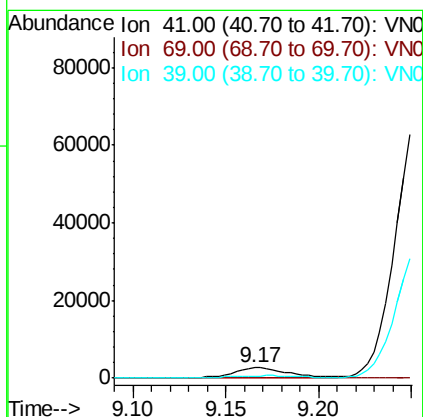
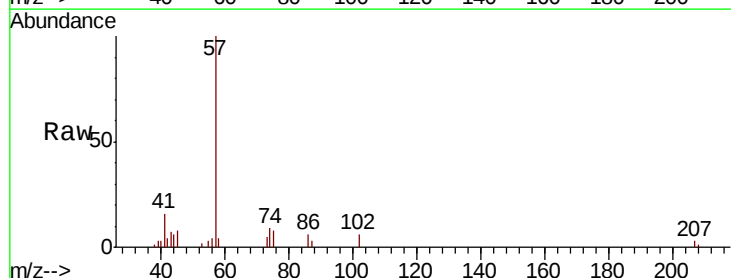
Tgt Ion: 41 Resp: 5542

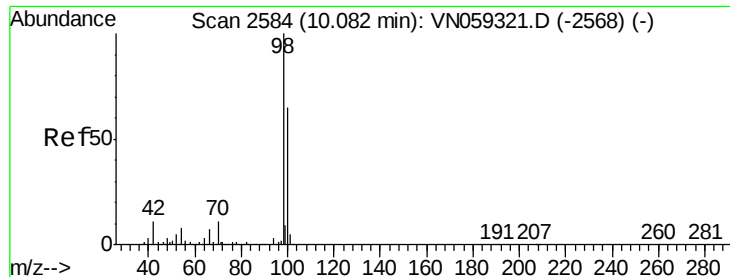
Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#





#50

Toluene-d8

Concen: 50.928 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

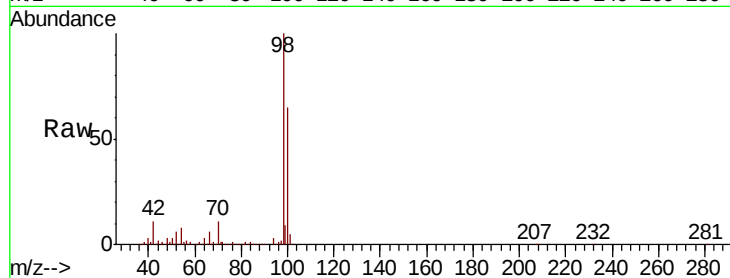
ClientSampled :

Tot Ion: 98 Resp: 672819

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

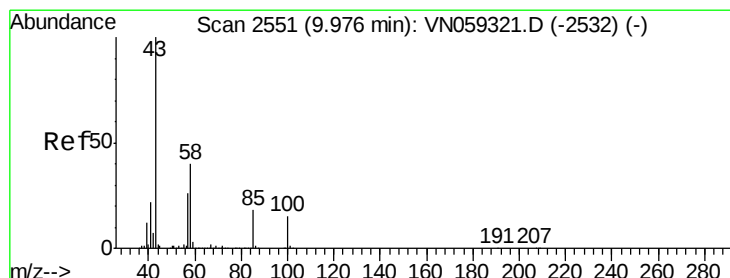
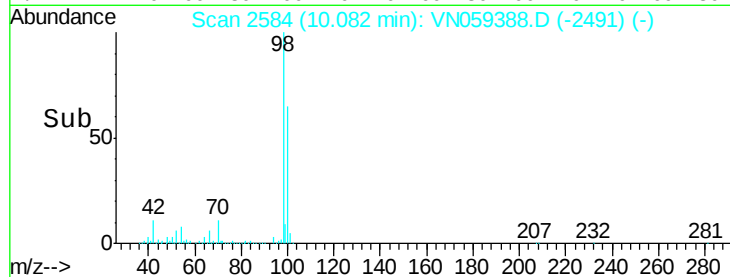
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.158 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059388.D

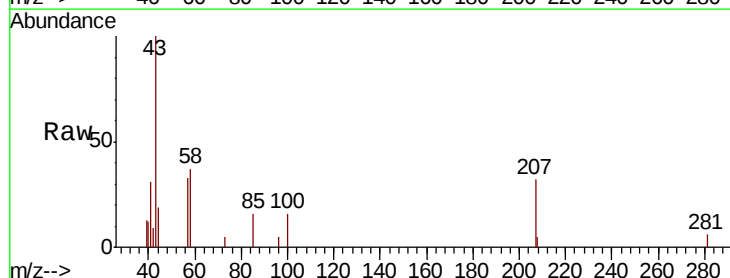
Acq: 25 Nov 2019 17:16

Tgt Ion: 43 Resp: 6365

Ion Ratio Lower Upper

43 100

58 36.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

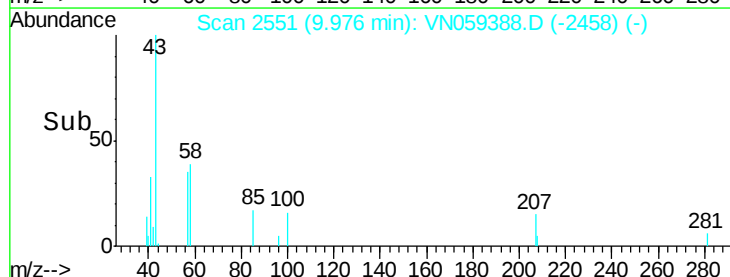
15000

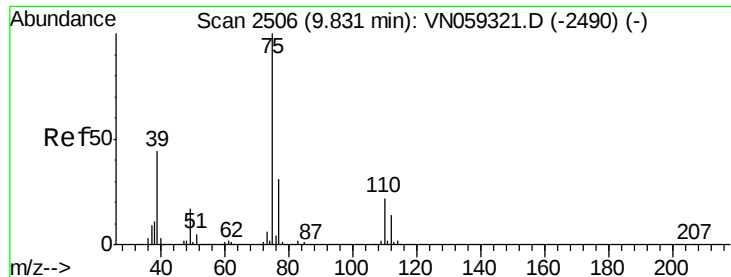
10000

5000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.618 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :
MSVOA_N
ClientSampleId :

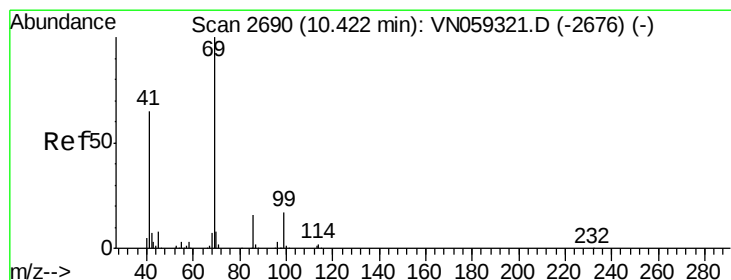
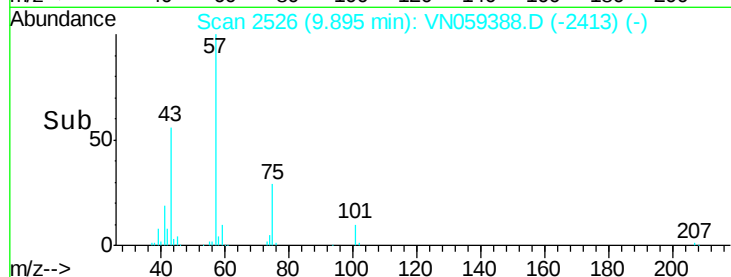
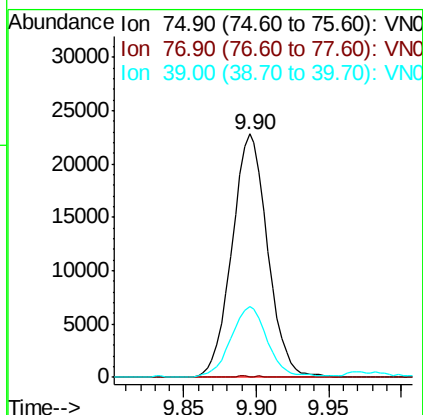
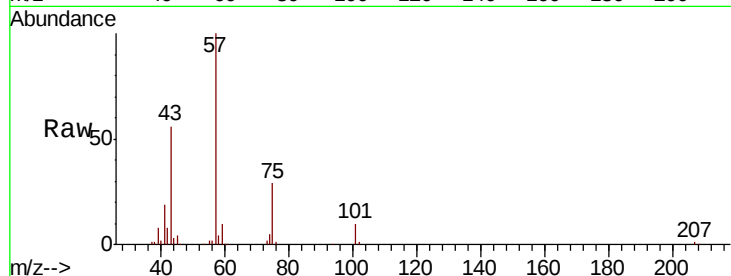
Tot Ion: 75 Resp: 38961

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 29.1 35.5 53.3#



#56

Ethyl methacrylate

Concen: 2.356 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

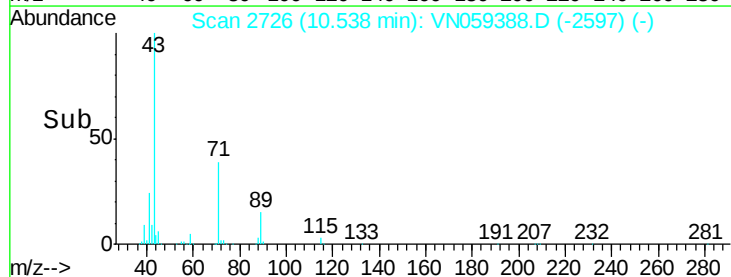
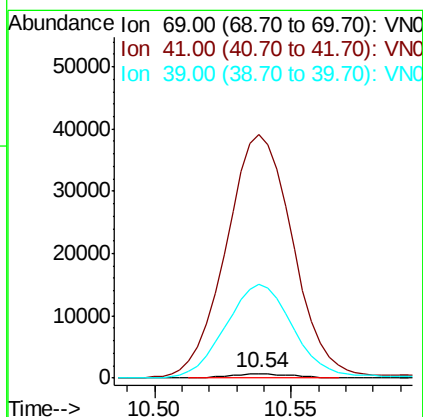
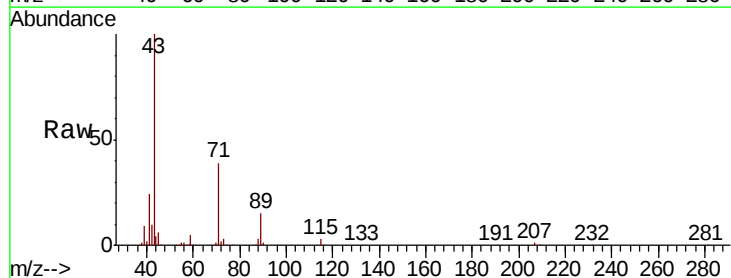
Tgt Ion: 69 Resp: 1132

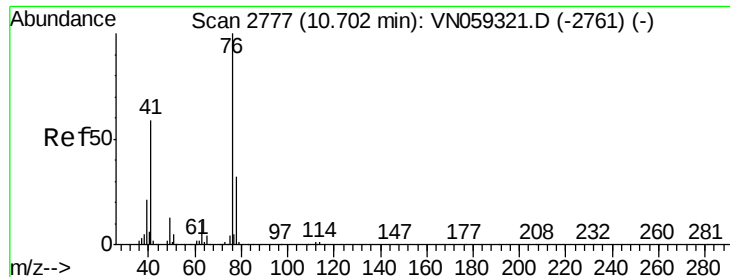
Ion Ratio Lower Upper

69 100

41 5940.5 51.7 77.5#

39 2298.4 25.2 37.8#

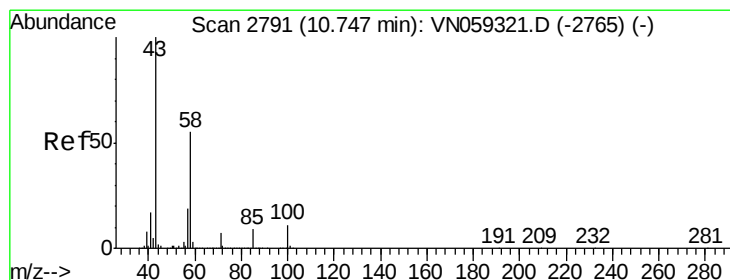
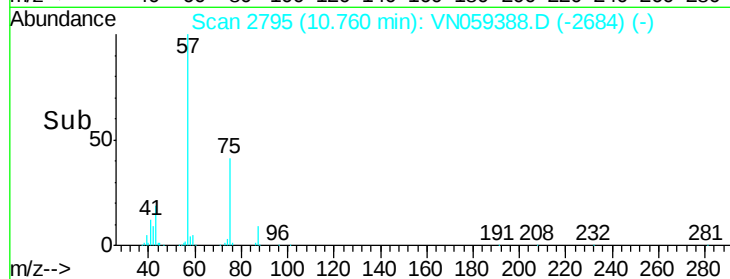
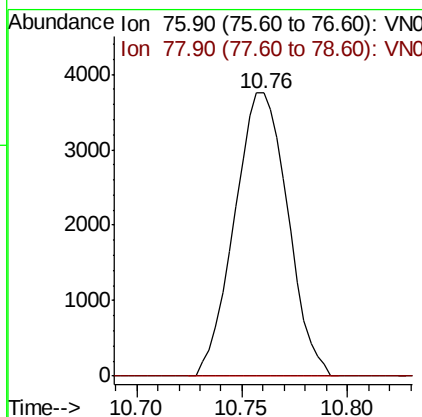
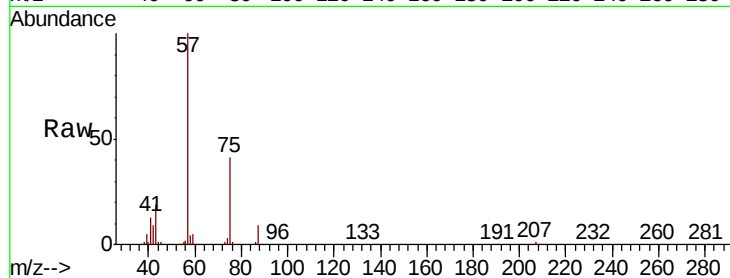




#57
 1,3-Dichloropropane
 Concen: 0.962 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

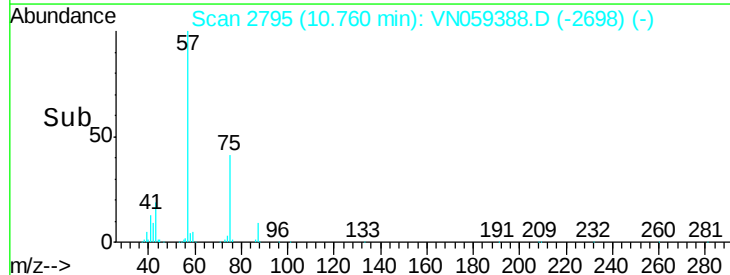
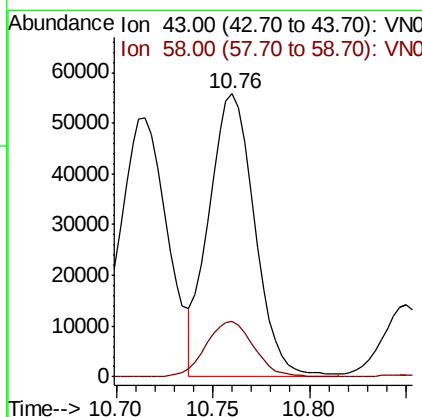
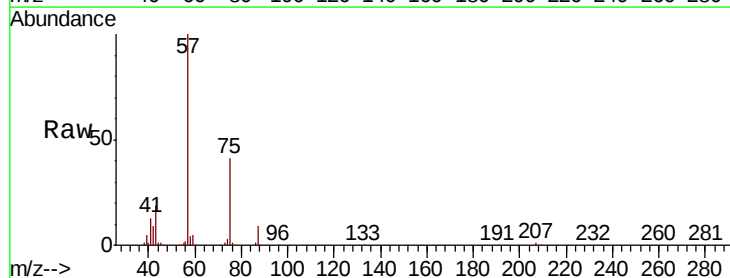
Instrument :
 MSVOA_N
 ClientSampleId :

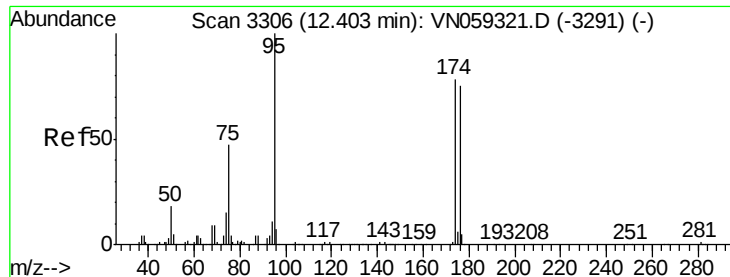
Tot Ion: 76 Resp: 6578
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 22.652 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Tgt Ion: 43 Resp: 91188
 Ion Ratio Lower Upper
 43 100
 58 20.6 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 47.726 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

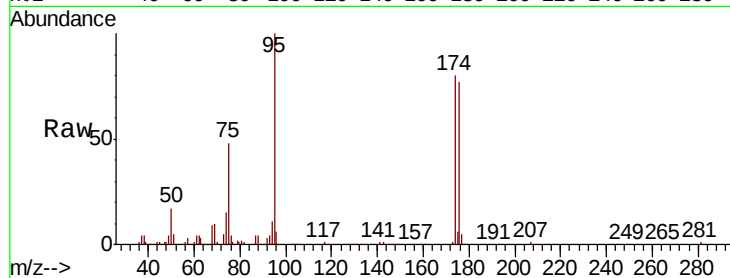
Tot Ion: 95 Resp: 220464

Ion Ratio Lower Upper

95 100

174 79.4 0.0 157.4

176 77.3 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)

12.40

150000

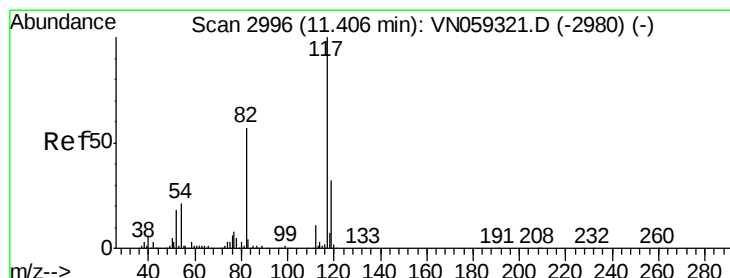
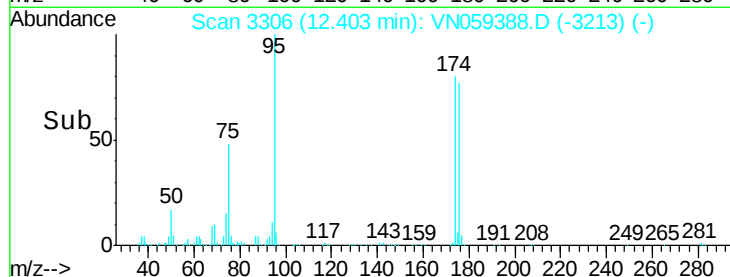
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

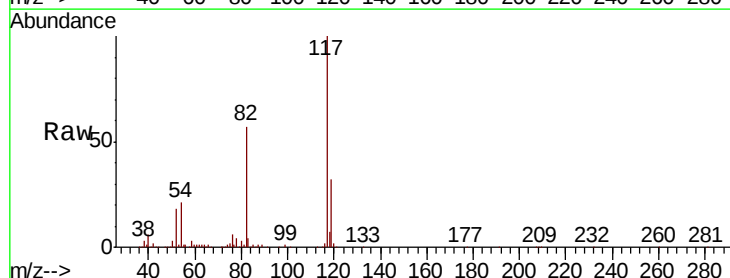
Tgt Ion: 117 Resp: 490579

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)

11.40

300000

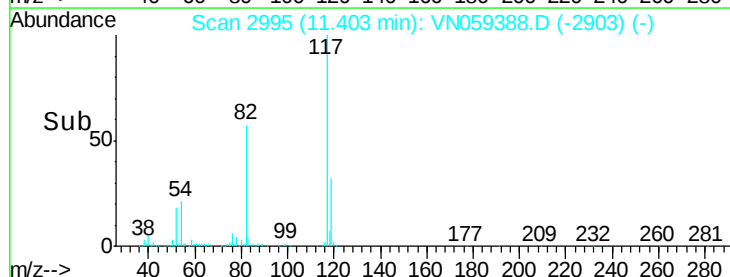
200000

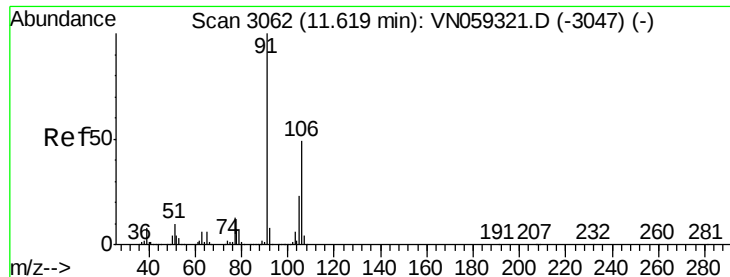
100000

0

11.30 11.40 11.50

Time-->

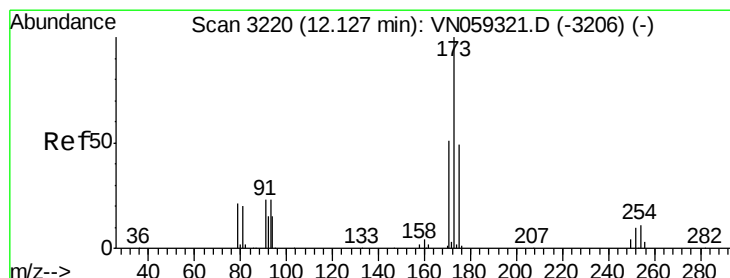
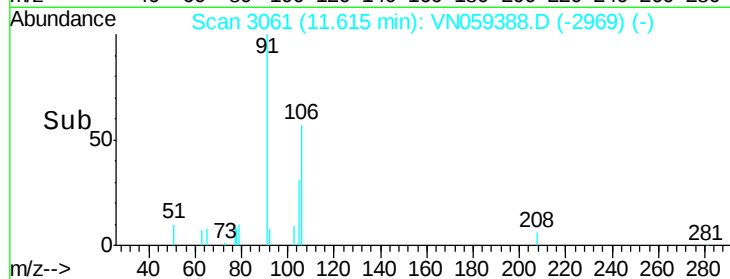
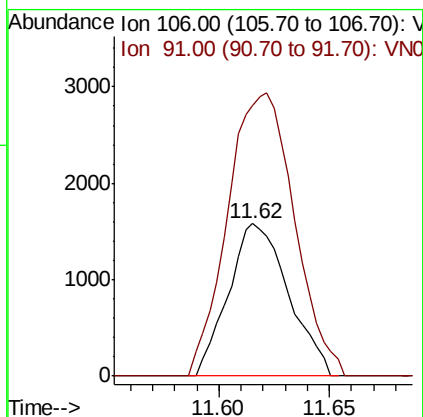
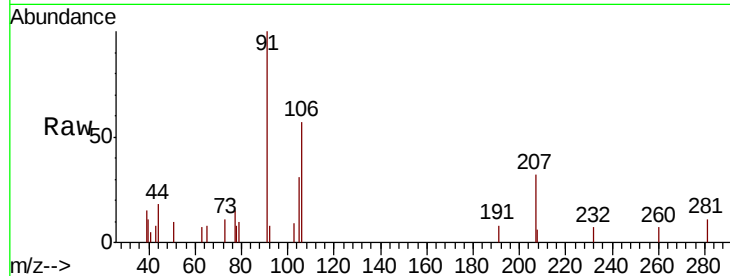




#68
m/p-Xvlenes
Concen: 0.427 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

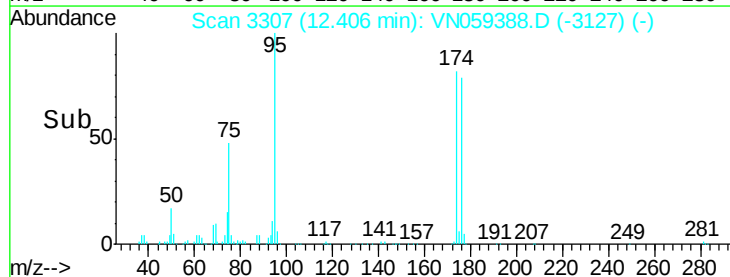
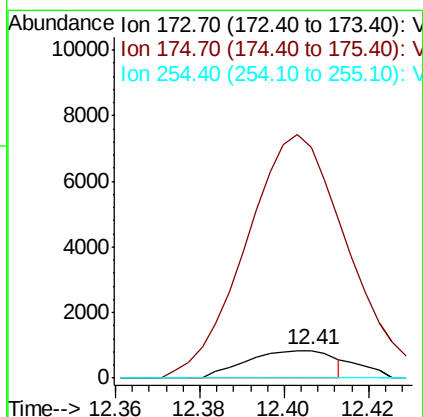
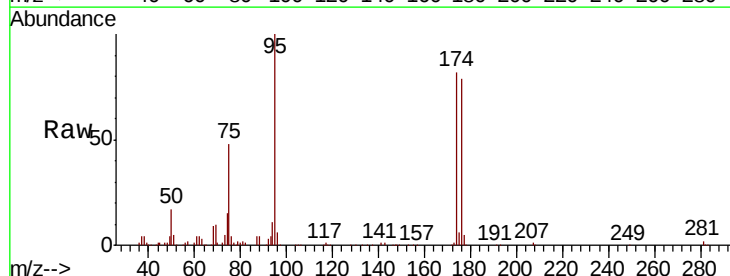
Instrument :
MSVOA_N
ClientSampleId :

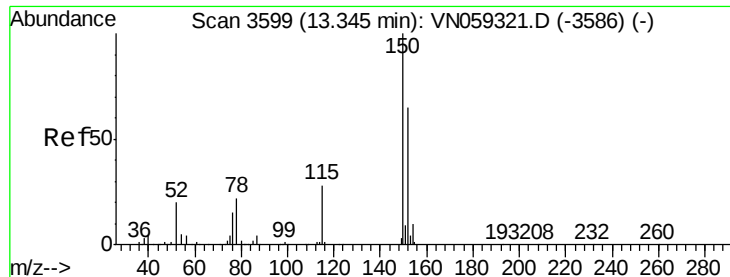
Tot Ion:106 Resp: 2987
Ion Ratio Lower Upper
106 100
91 206.2 163.2 244.8



#71
Bromoform
Concen: 0.410 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059388.D
Acq: 25 Nov 2019 17:16

Tgt Ion:173 Resp: 1191
Ion Ratio Lower Upper
173 100
175 870.8 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

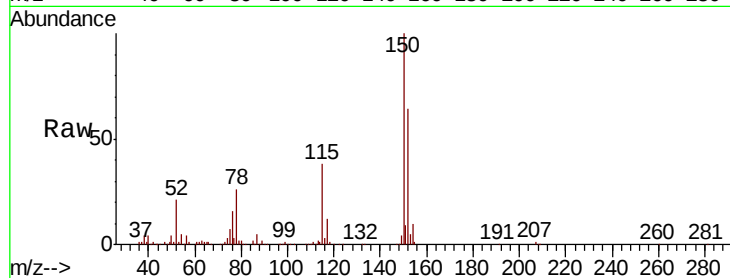
Tot Ion:152 Resp: 188042

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

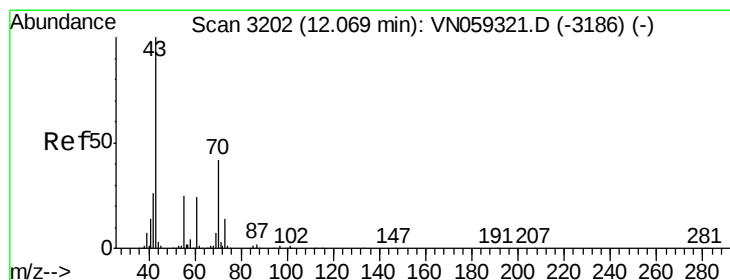
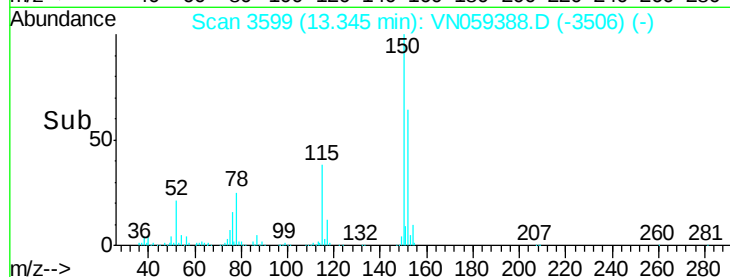
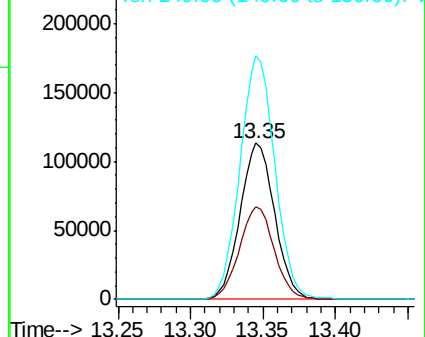
150 157.7 0.0 346.0



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: 0.549 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Tgt Ion: 43 Resp: 3400

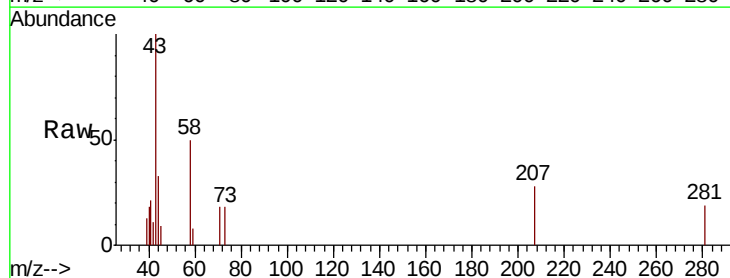
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

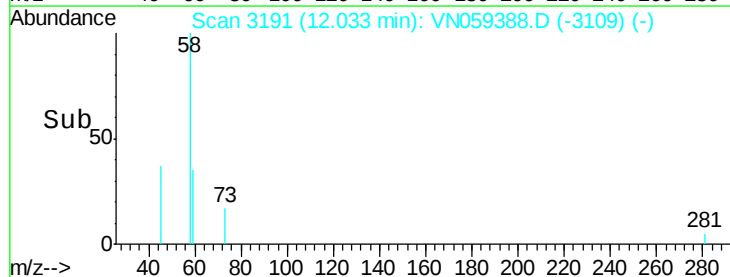
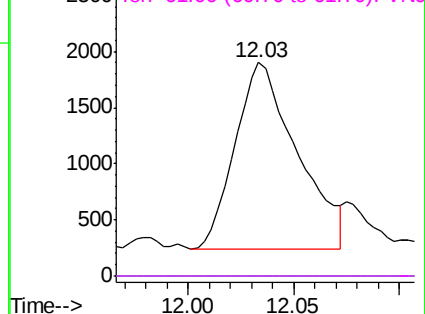


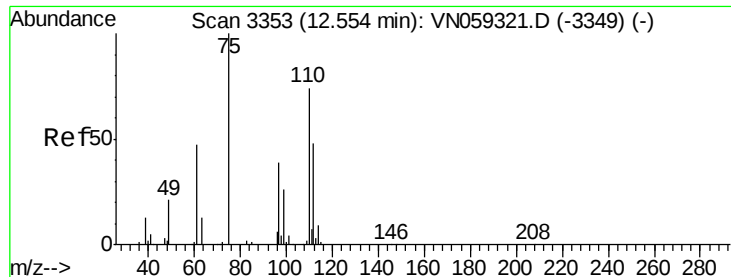
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 24.419 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

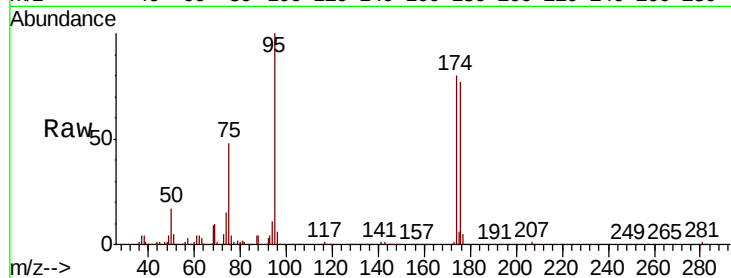
ClientSampleId :

Tot Ion: 75 Resp: 106083

Ion Ratio Lower Upper

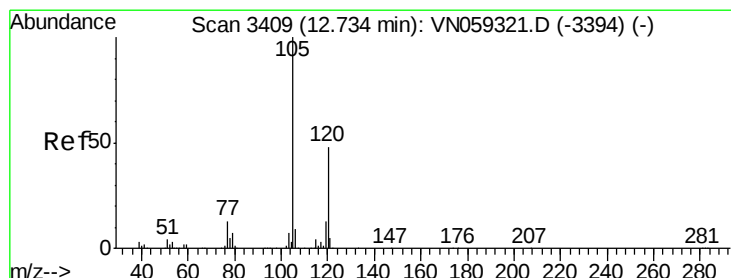
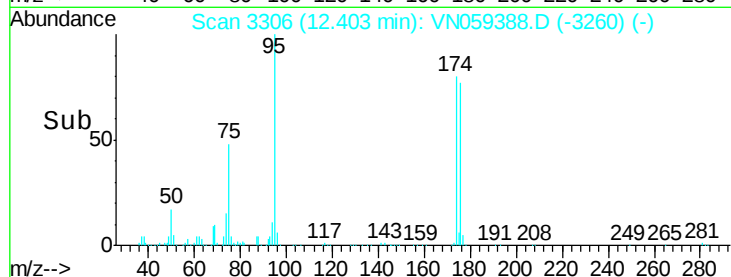
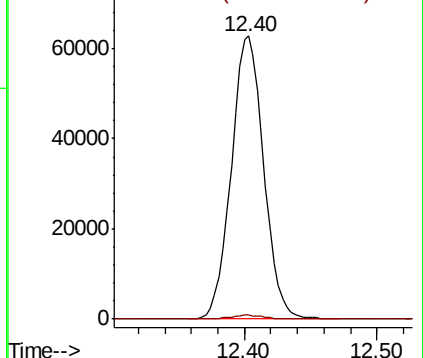
75 100

77 1.4 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: 0.319 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059388.D

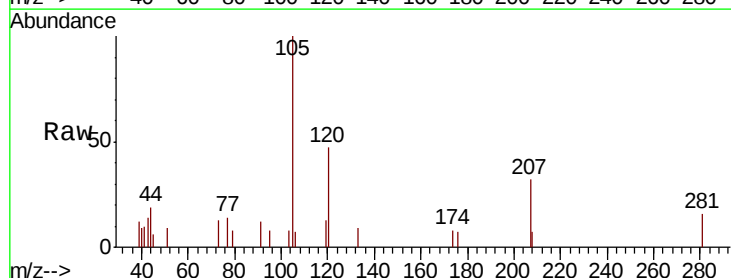
Acq: 25 Nov 2019 17:16

Tgt Ion: 105 Resp: 4131

Ion Ratio Lower Upper

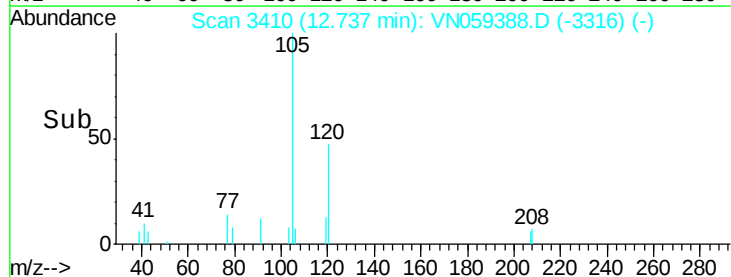
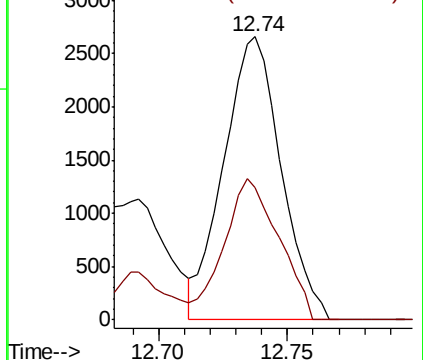
105 100

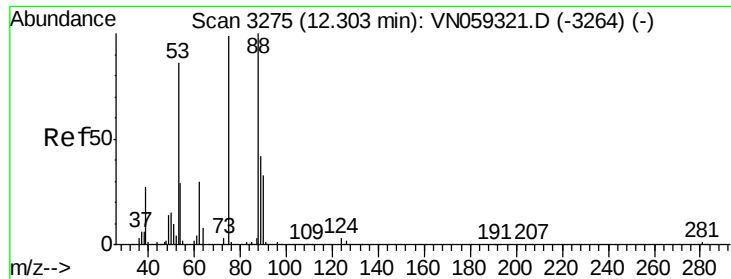
120 47.6 24.1 72.4



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: 61.077 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

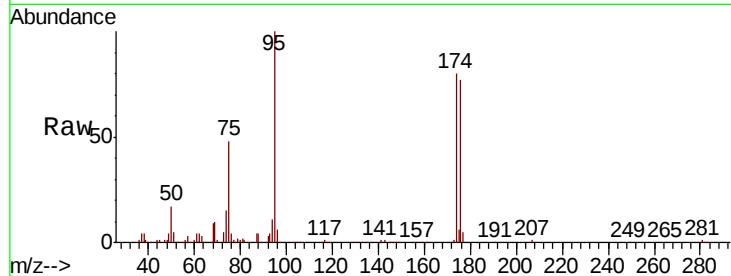
Tot Ion: 75 Resp: 106083

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

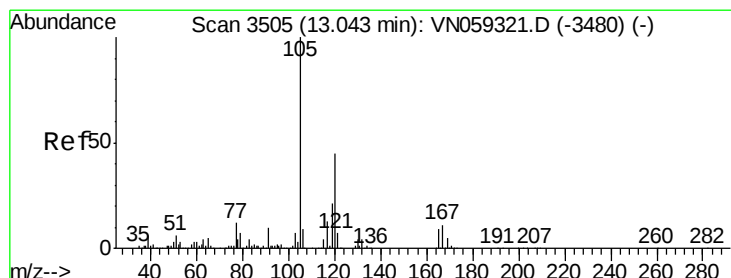
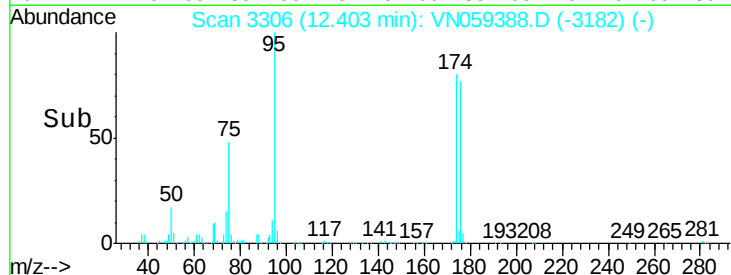
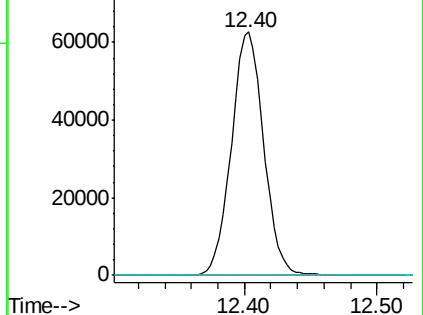
89 0.1 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059388.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN059388.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN059388.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.609 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059388.D

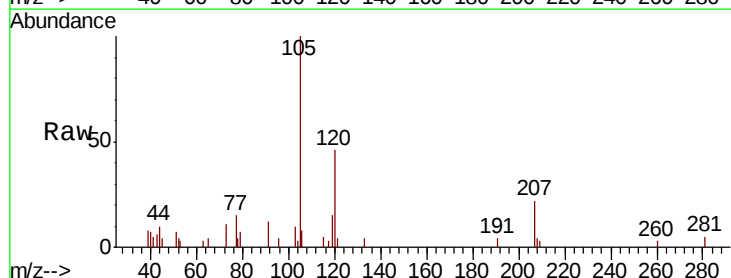
Acq: 25 Nov 2019 17:16

Tgt Ion: 105 Resp: 7719

Ion Ratio Lower Upper

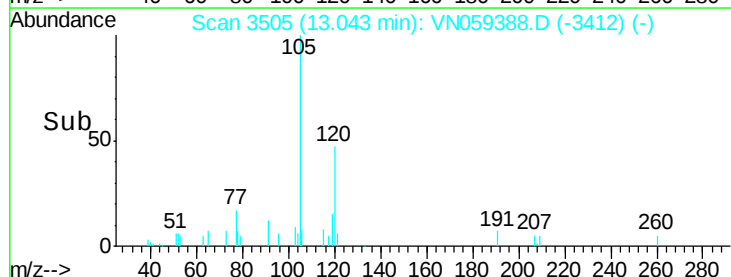
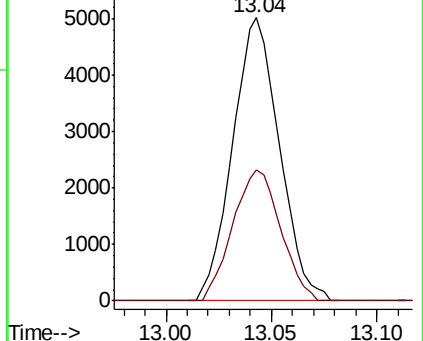
105 100

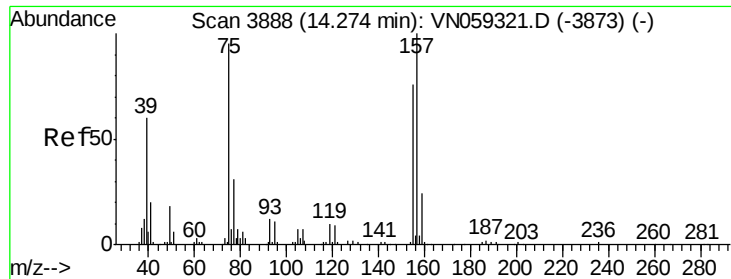
120 47.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VN059388.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN059388.D (-3412) (-)

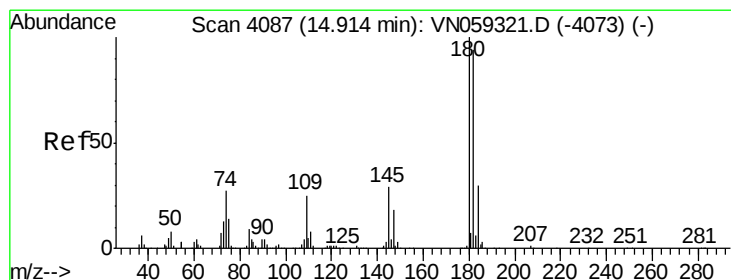
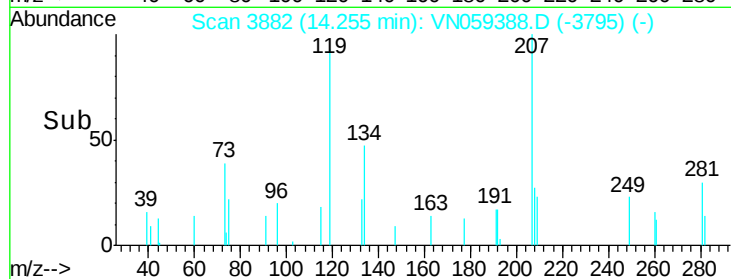
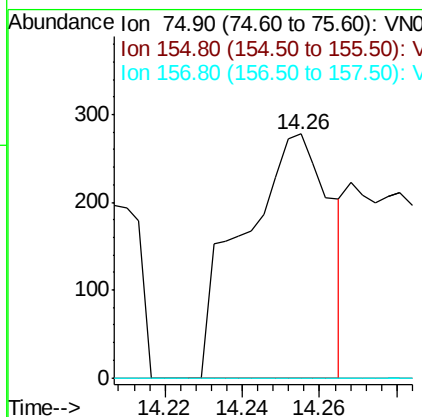
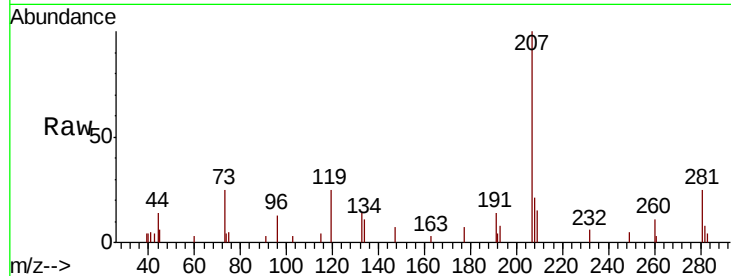




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.402 ug/l
 RT: 14.26 min Scan# 3882
 Delta R.T. -0.02 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

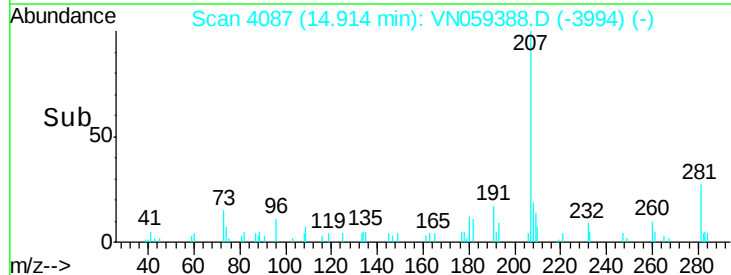
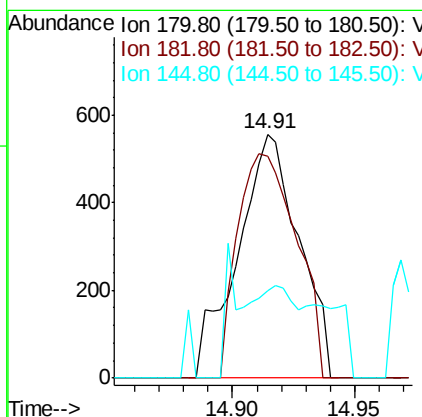
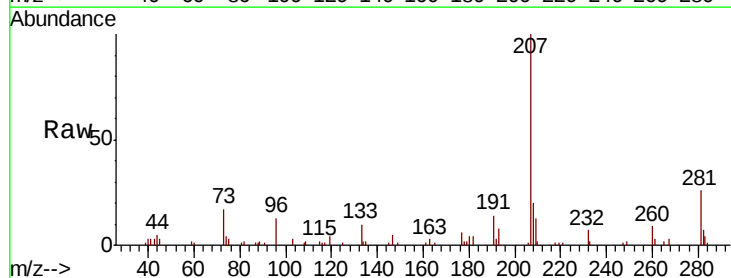
Instrument :
 MSVOA_N
 ClientSampleId :

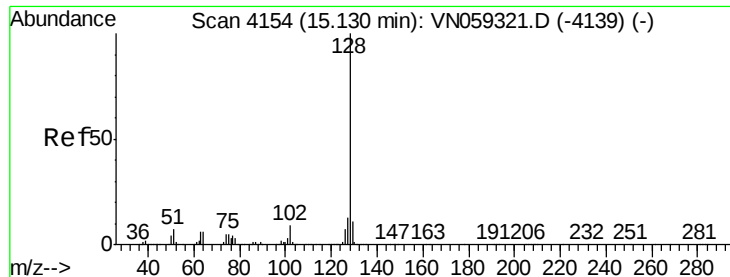
Tot Ion: 75 Resp: 435
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.5 121.5#
 157 0.0 52.7 158.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.165 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059388.D
 Acq: 25 Nov 2019 17:16

Tgt Ion: 180 Resp: 964
 Ion Ratio Lower Upper
 180 100
 182 89.1 47.2 141.6
 145 12.4 14.9 44.5#





#95

Naphthalene

Concen: 4.578 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

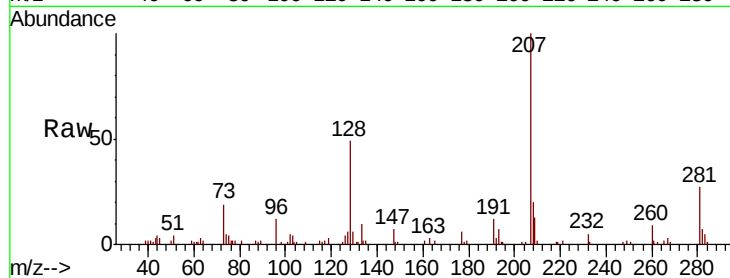
Tot Ion:128 Resp: 16688

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

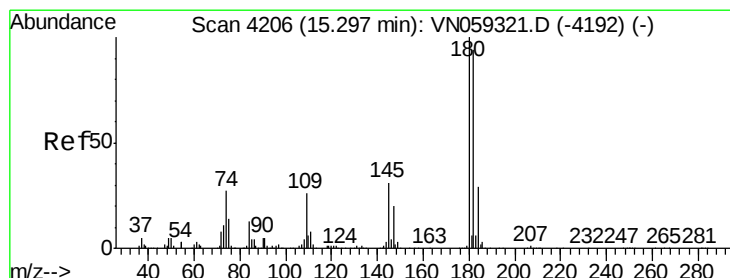
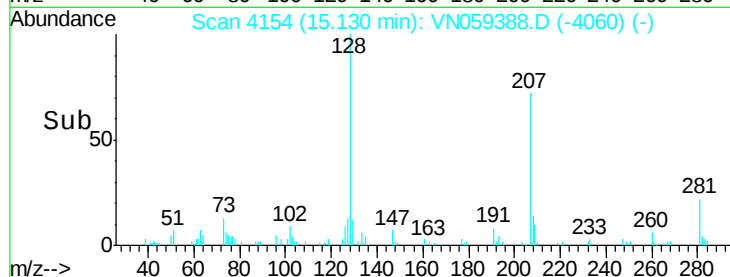
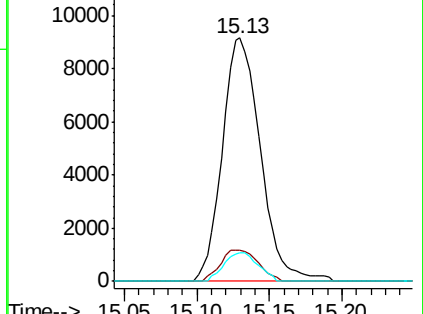
129 10.6 8.6 13.0



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: 2.209 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

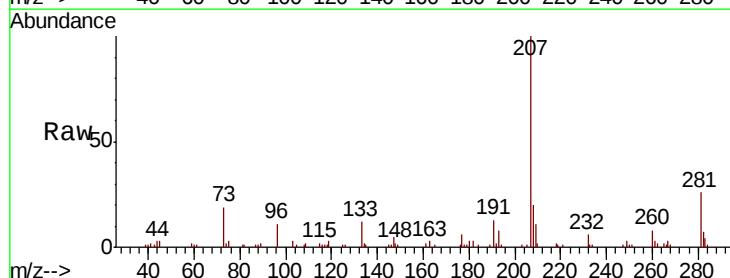
Tgt Ion:180 Resp: 1255

Ion Ratio Lower Upper

180 100

182 82.2 47.1 141.4

145 22.5 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

