

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053613.D
 Acq On : 5 Feb 2019 12:15
 Operator : JC/SP
 Sample : K1346-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 06 03:30:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	824492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1315469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1187374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	492523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	423141	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	7.59	113	410476	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1574507	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	520166	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

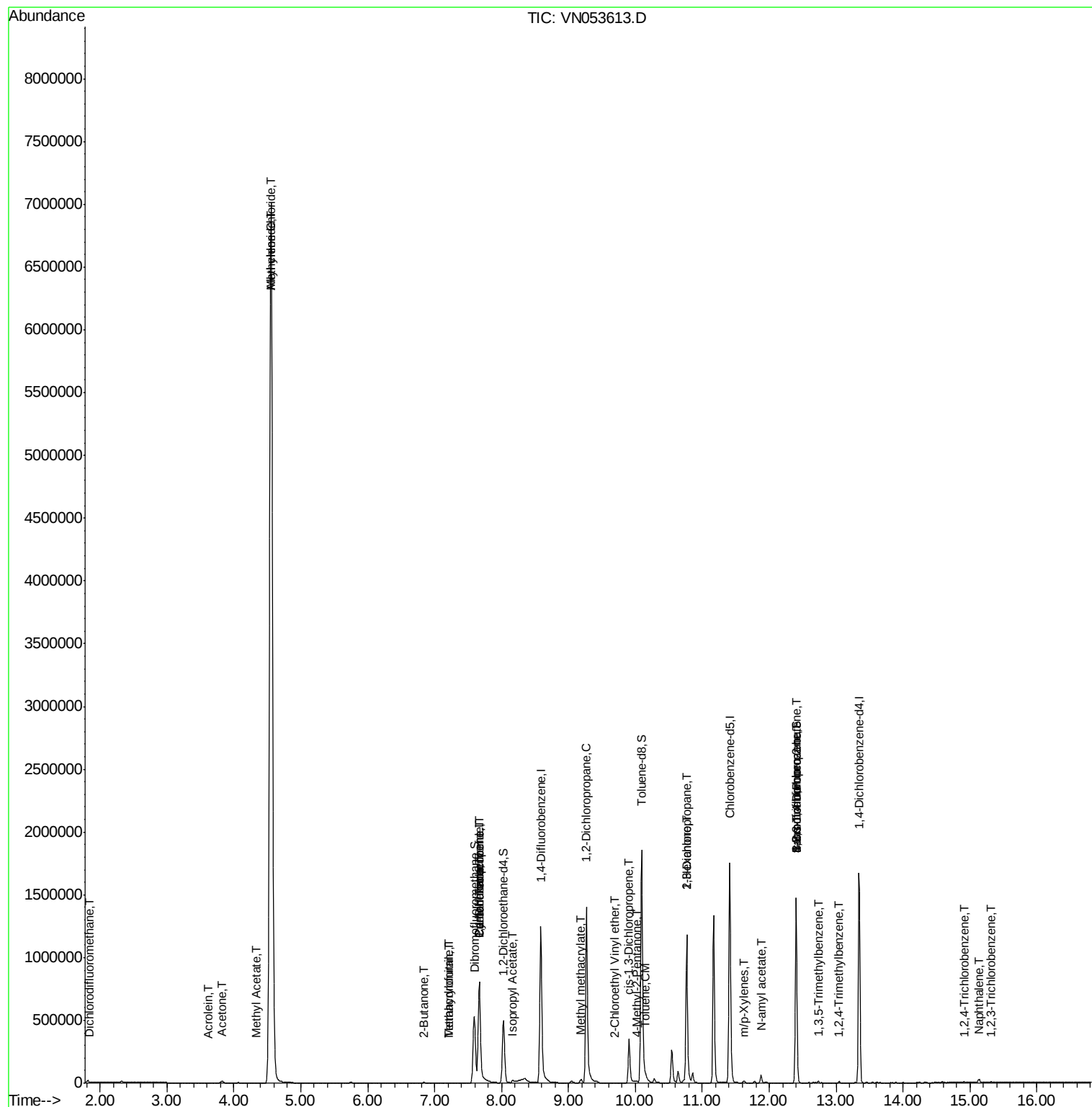
						Qvalue
2) Dichlorodifluoromethane	1.85	85	255	0.365	ug/l #	42
13) Acrolein	3.61	56	185	0.694	ug/l #	55
14) Allyl chloride	4.55	41	202973	16.697	ug/l #	27
16) Acetone	3.82	43	29235	13.780	ug/l	99
18) Methyl Acetate	4.34	43	2455	0.391	ug/l #	76
20) Methylene Chloride	4.55	84	5619359	631.321	ug/l	99
25) 2-Butanone	6.85	43	5328	1.761	ug/l	90
29) Tetrahydrofuran	7.22	42	1544	0.795	ug/l #	87
31) Cyclohexane	7.66	56	11964	0.688	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48655	4.103	ug/l #	49
38) Carbon Tetrachloride	7.67	117	65457	5.480	ug/l #	16
41) Methacrylonitrile	7.22	41	776	0.210	ug/l #	31
43) Isopropyl Acetate	8.17	43	29727	2.324	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	1977	0.211	ug/l #	43
48) Methyl methacrylate	9.18	41	10840	1.776	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8353	1.329	ug/l #	34
52) Toluene	10.16	92	5162	0.238	ug/l	86
54) cis-1,3-Dichloropropene	9.90	75	73989	5.319	ug/l #	63
57) 1,3-Dichloropropane	10.77	76	13978	1.046	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	105	8.027	ug/l #	48
59) 2-Hexanone	10.77	43	185944	43.580	ug/l #	51
68) m/p-Xylenes	11.62	106	4566	0.289	ug/l	95
71) Bromoform	12.40	173	3094	0.512	ug/l #	1
74) N-amyl acetate	11.88	43	18926	2.273	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	240529	38.021	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8029	0.280	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	240529	106.913	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	7070	0.242	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	2693	0.292	ug/l	95
95) Naphthalene	15.13	128	22850	2.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2763	0.323	ug/l	95

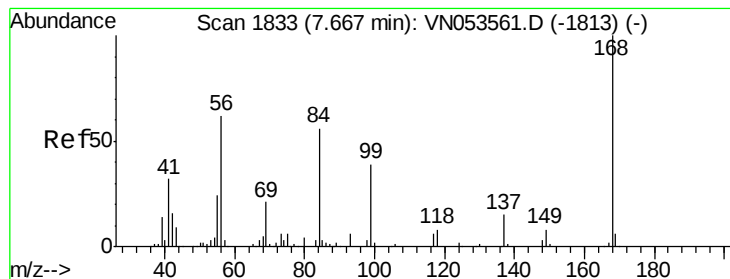
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

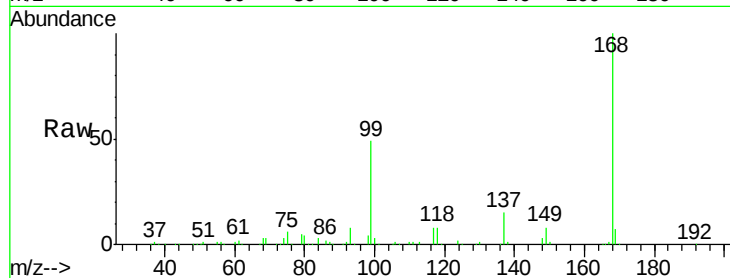
CL-02-020419-A

Tot Ion:168 Resp: 824492

Ion Ratio Lower Upper

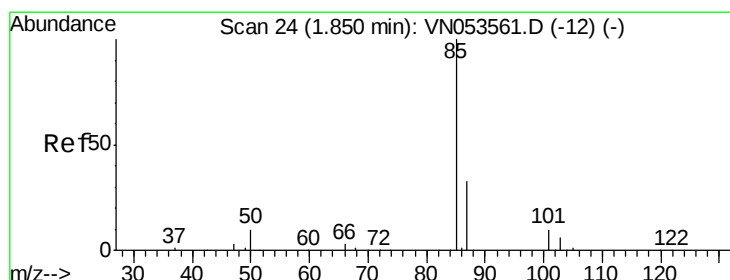
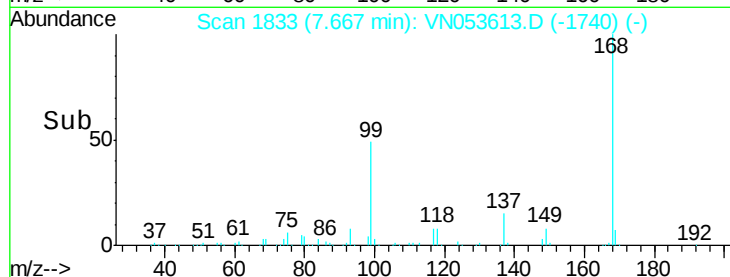
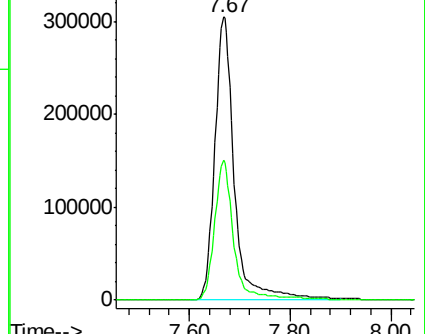
168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.365 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053613.D

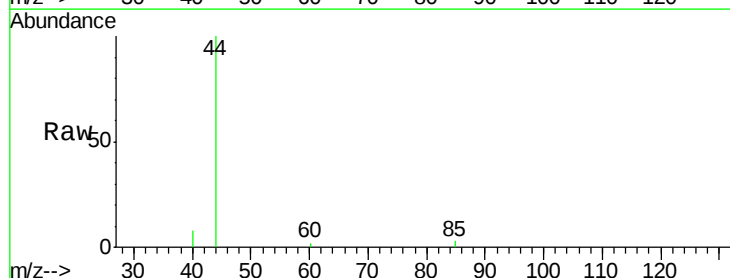
Acq: 5 Feb 2019 12:15

Tgt Ion: 85 Resp: 255

Ion Ratio Lower Upper

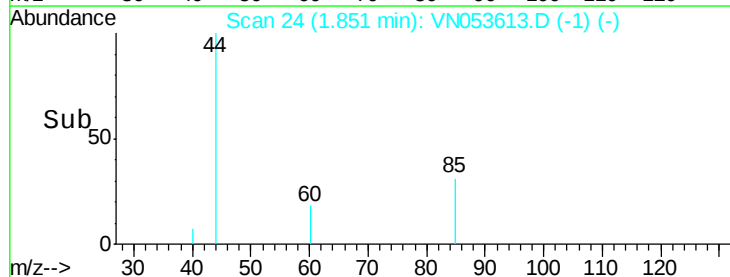
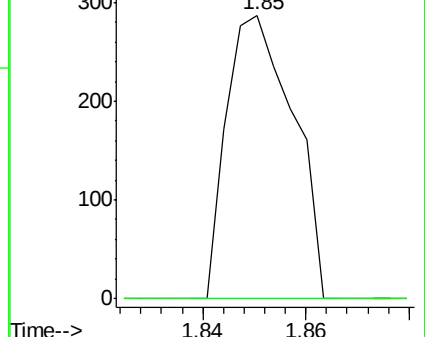
85 100

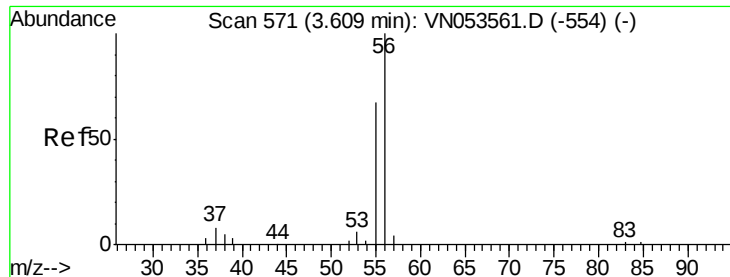
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#13

Acrolein

Concen: 0.694 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

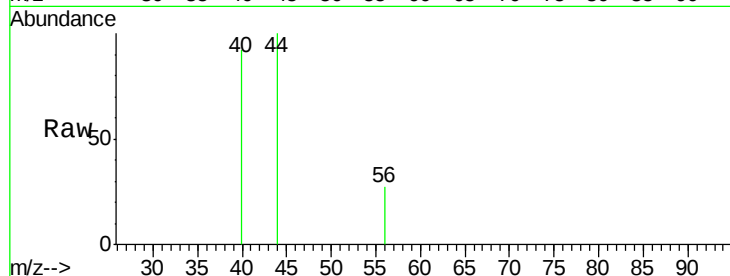
CL-02-020419-A

Tot Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 34.1 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

250

200

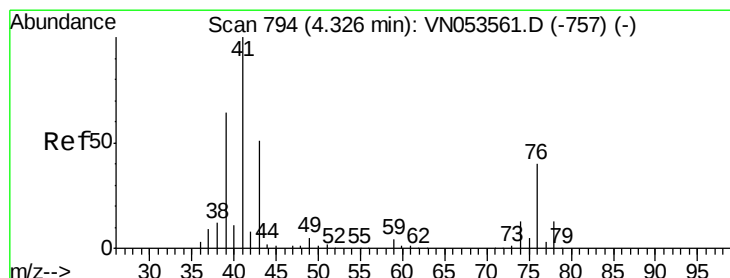
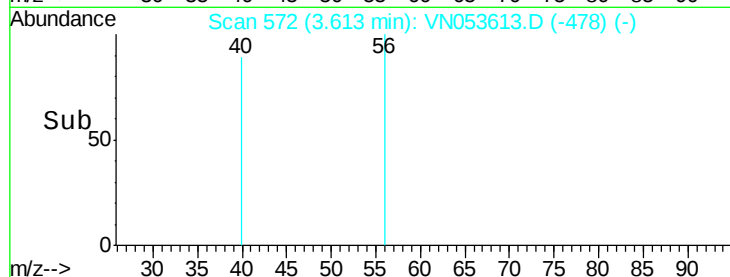
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 16.697 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

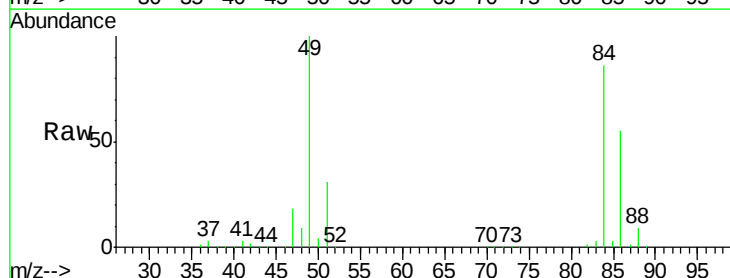
Tgt Ion: 41 Resp: 202973

Ion Ratio Lower Upper

41 100

39 0.6 48.9 73.3#

76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

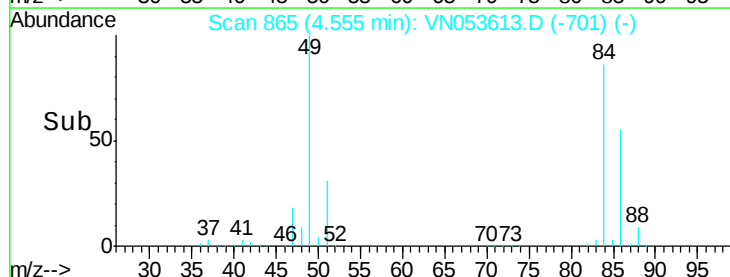
60000

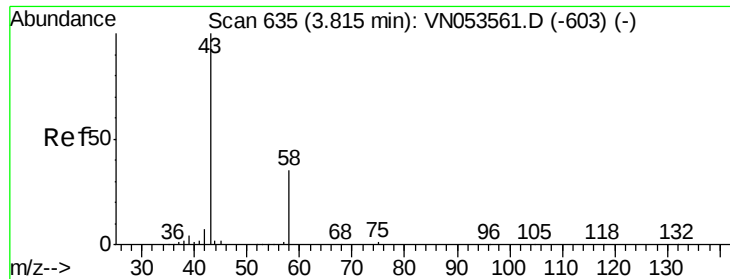
40000

20000

0

Time-->





#16

Acetone

Concen: 13.780 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

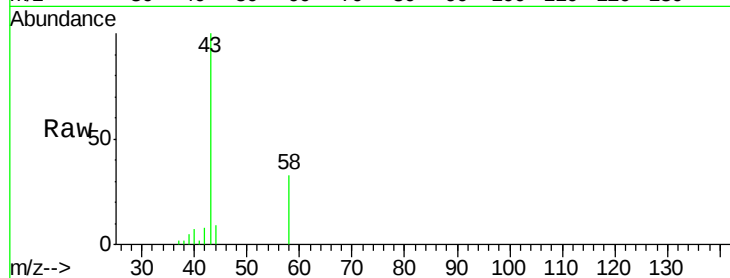
CL-02-020419-A

Tot Ion: 43 Resp: 29235

Ion Ratio Lower Upper

43 100

58 33.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

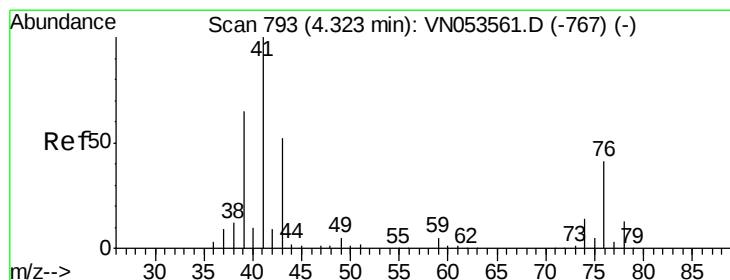
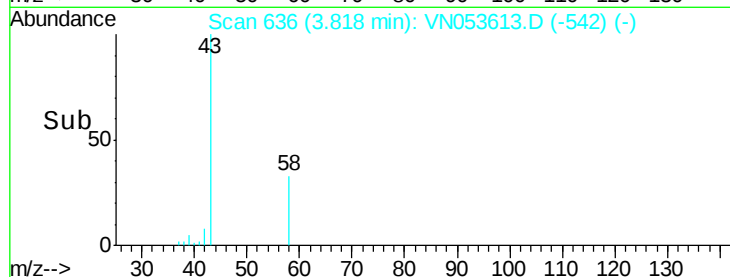
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 0.391 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN053613.D

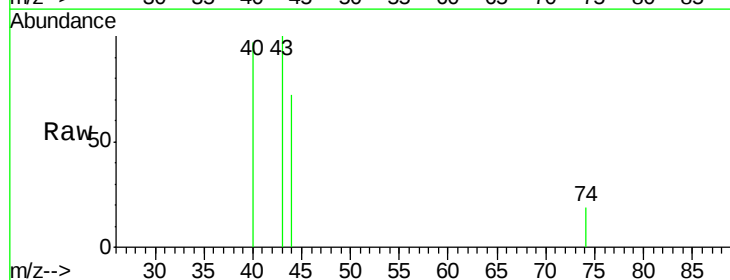
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

74 12.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

1000

800

600

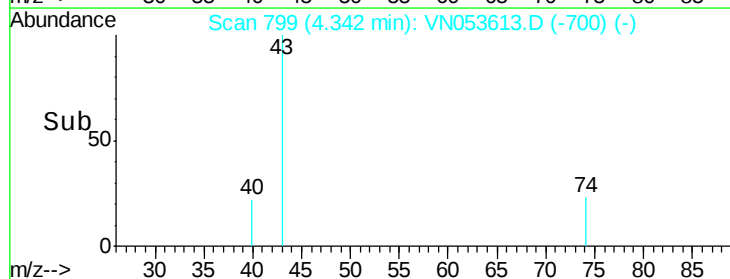
400

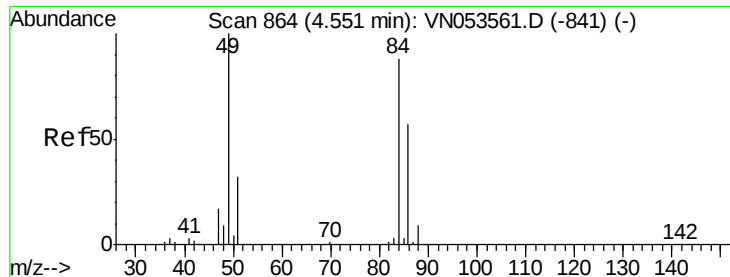
200

0

4.25 4.30 4.35 4.40

Time-->



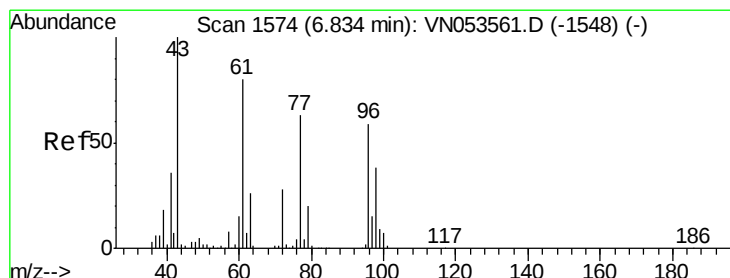
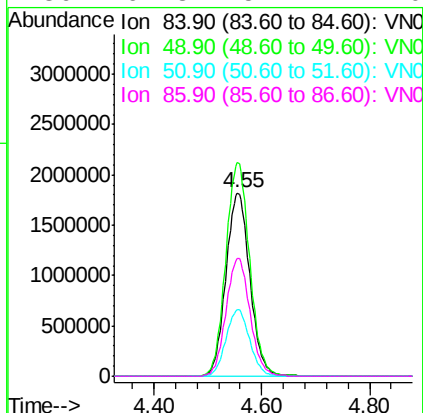
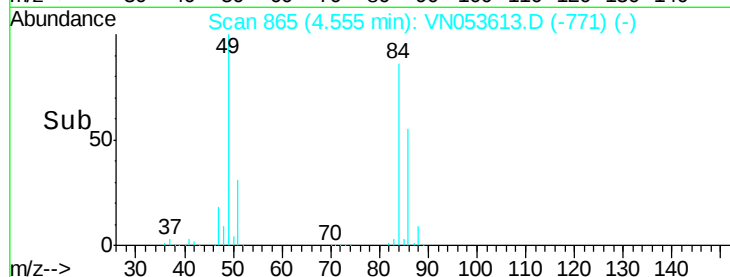
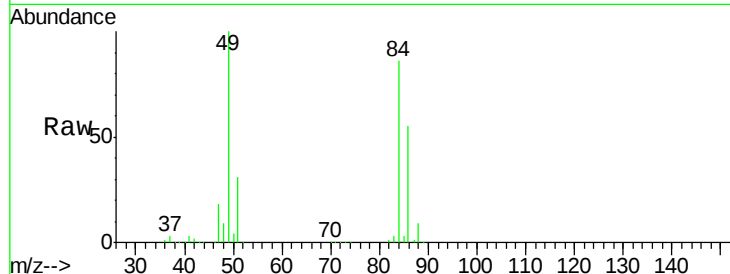


#20
Methvlene Chloride
Concen: 631.321 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

Tot Ion: 84 Resp: 5619359

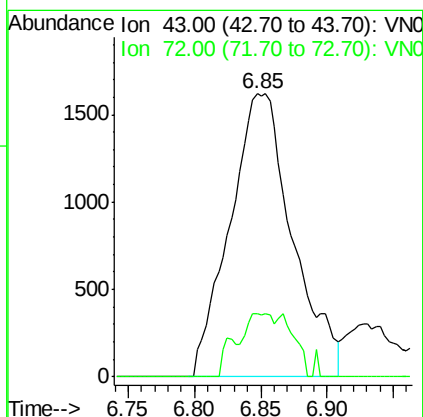
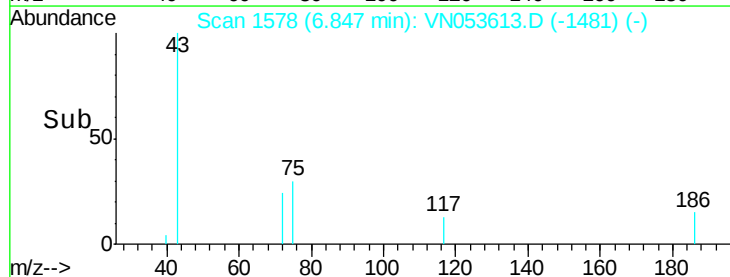
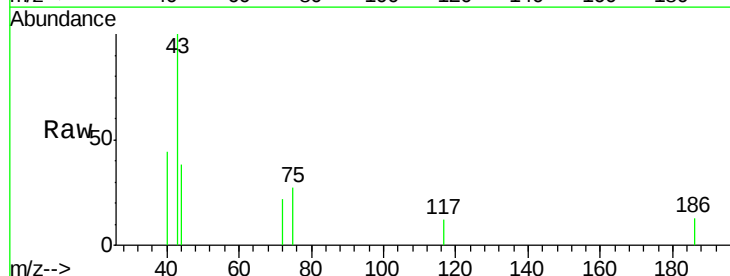
Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.3	141.5
51	36.3	29.4	44.2
86	64.3	51.4	77.0

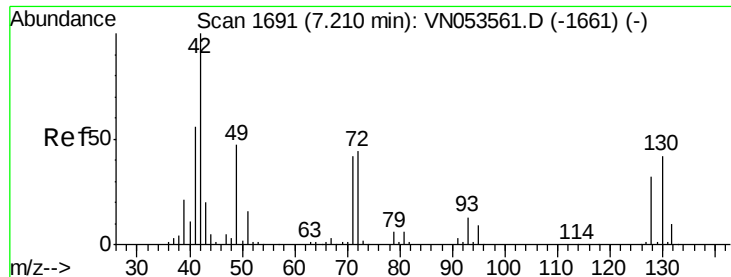


#25
2-Butanone
Concen: 1.761 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 5328

Ion	Ratio	Lower	Upper
43	100		
72	22.1	22.0	33.0

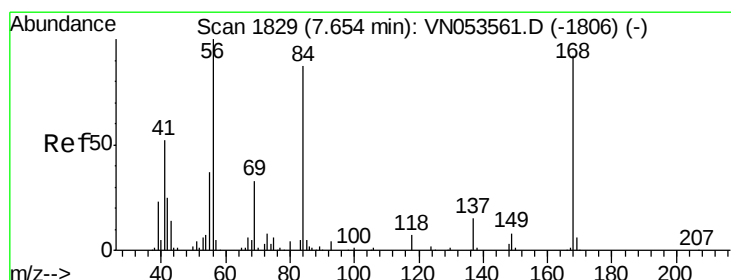
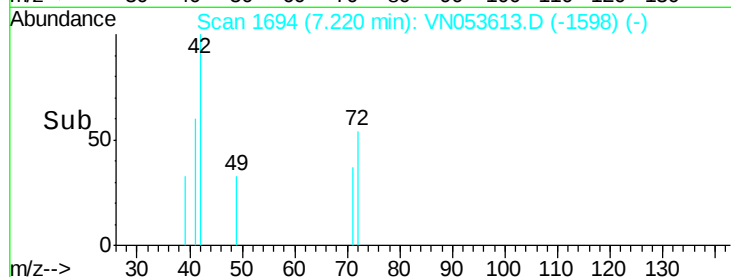
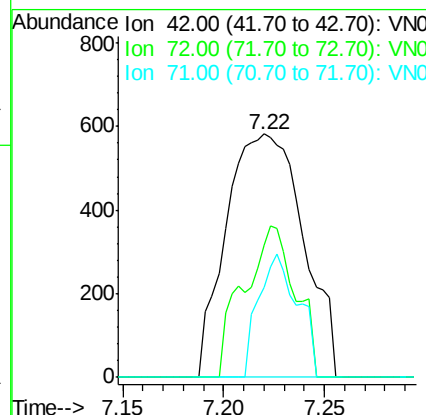
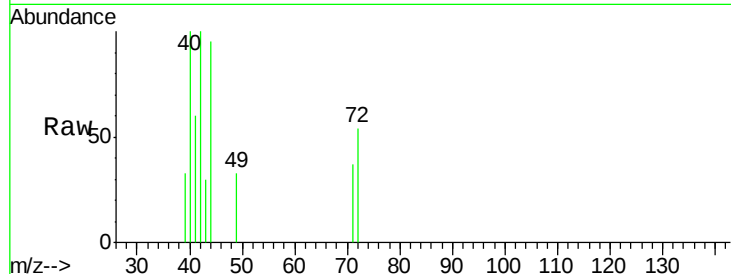




#29
Tetrahydrofuran
Concen: 0.795 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

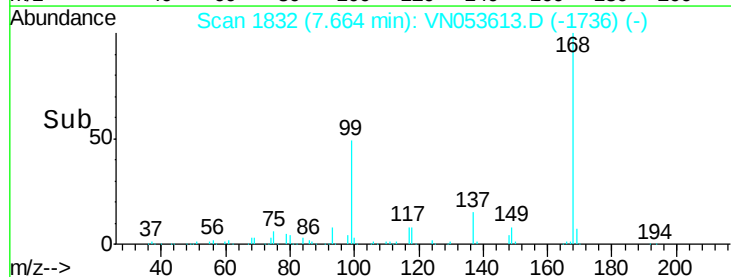
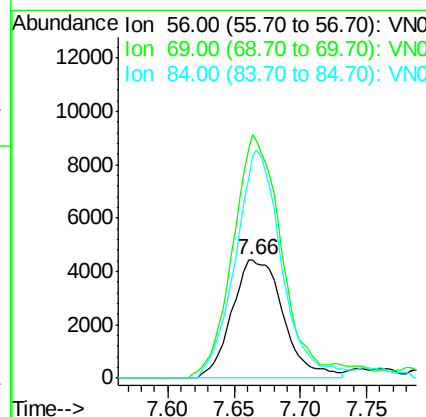
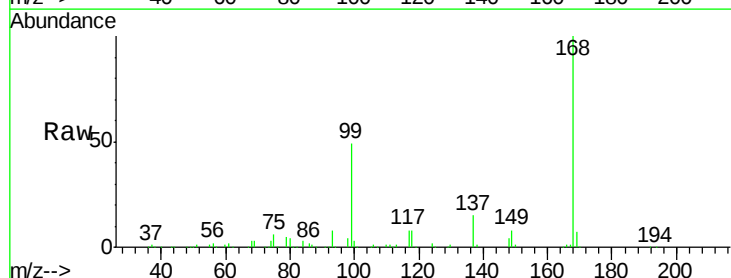
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

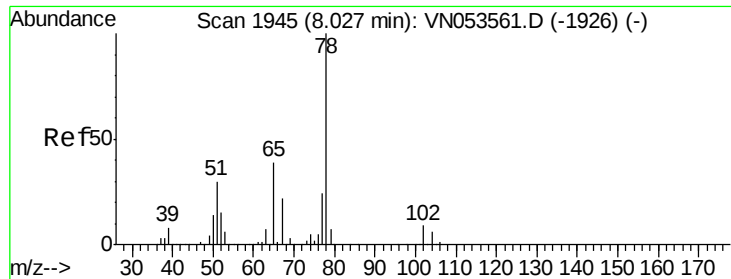
Tot Ion: 42 Resp: 1544
Ion Ratio Lower Upper
42 100
72 42.1 35.2 52.8
71 26.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.688 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 56 Resp: 11964
Ion Ratio Lower Upper
56 100
69 201.5 26.4 39.6#
84 186.6 67.9 101.9#

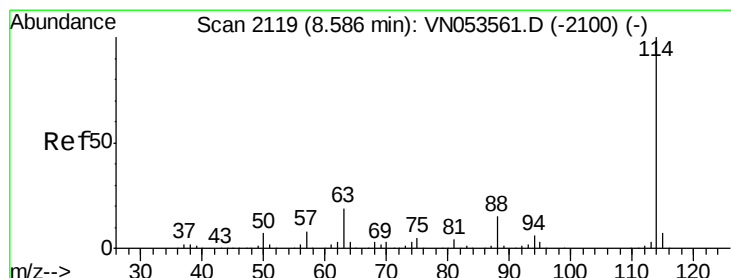
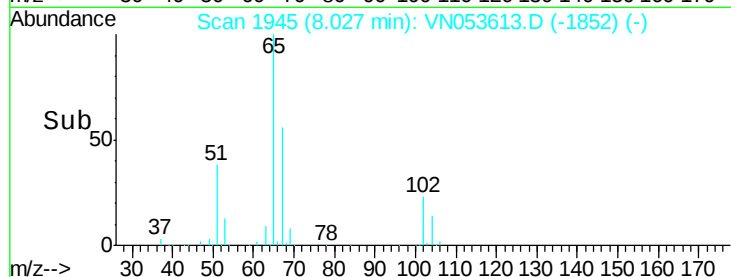
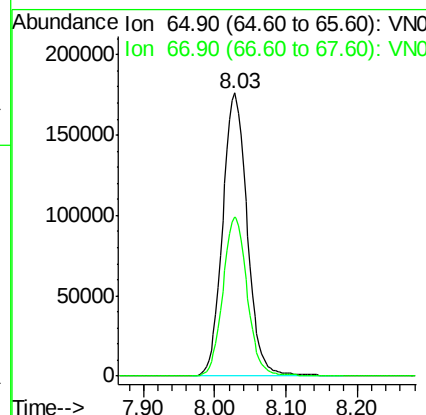
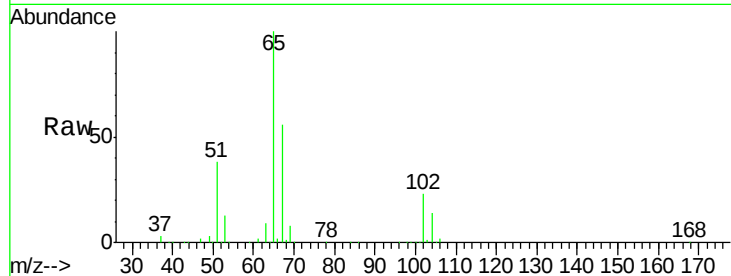




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

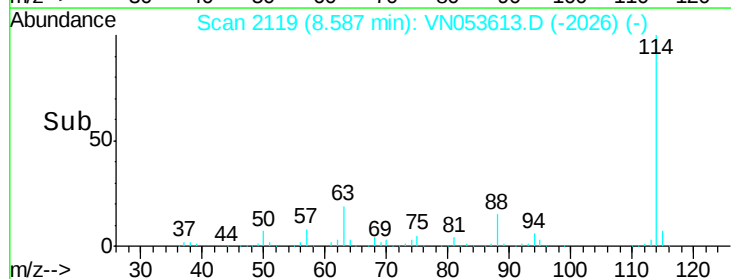
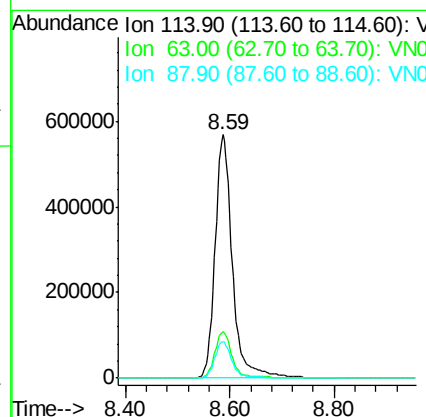
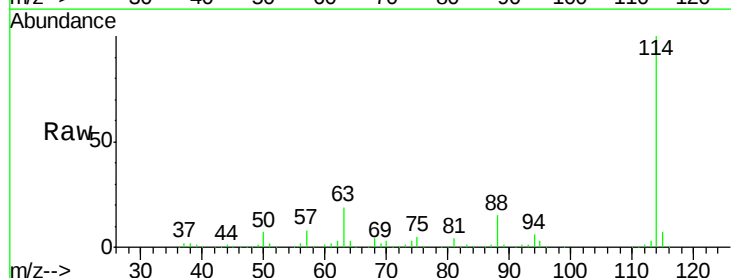
Instrument :
 MSVOA_N
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 CL-02-020419-A

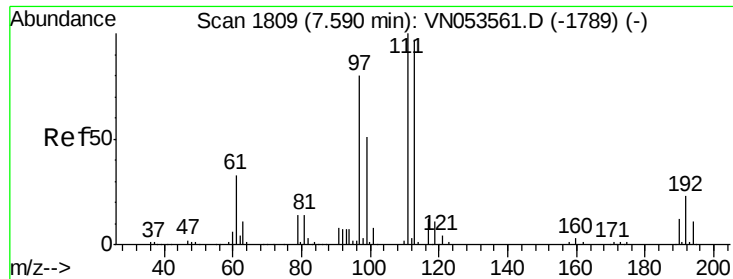
Tot Ion: 65 Resp: 423141
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Tgt Ion: 114 Resp: 1315469
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.4

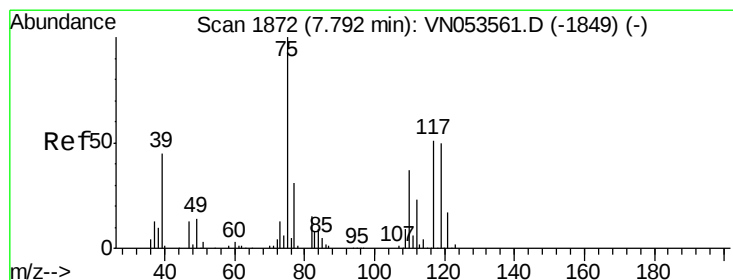
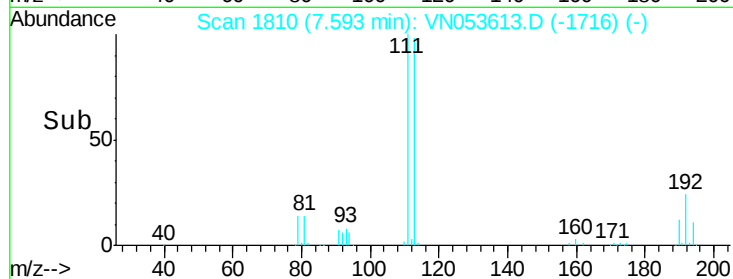
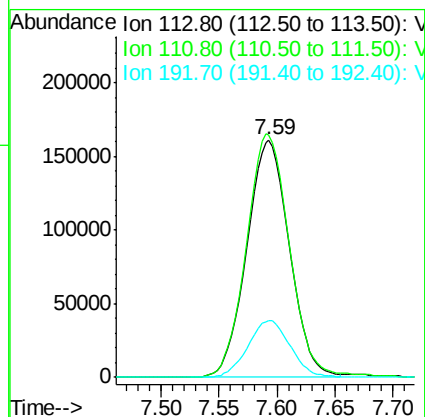
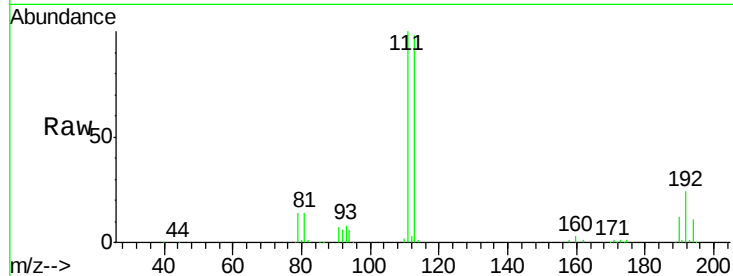




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

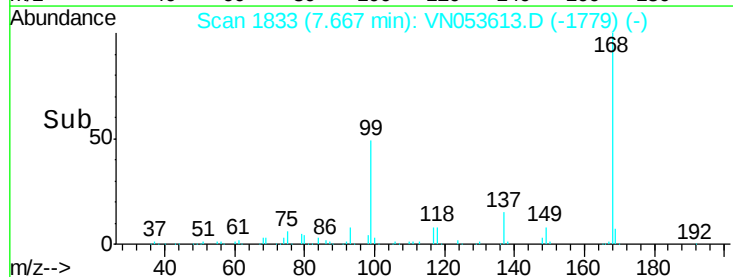
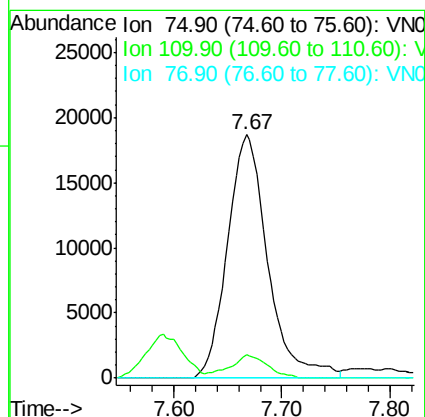
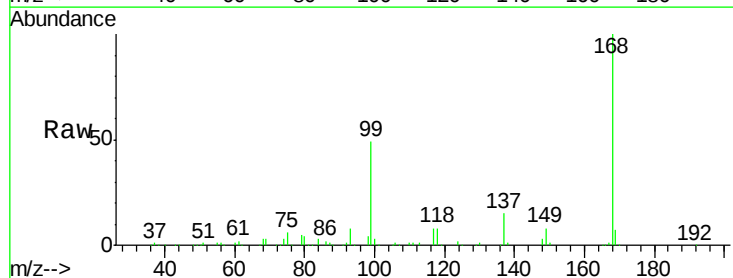
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

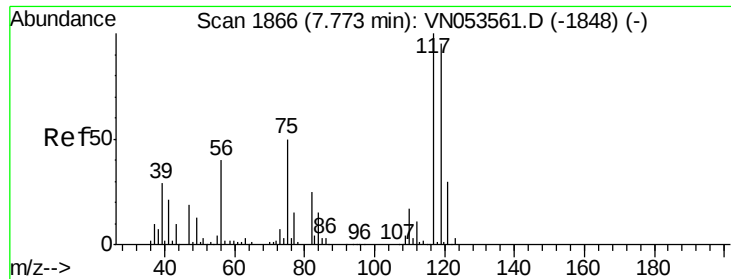
Tot Ion:113 Resp: 410476
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.1 121.7
 192 24.0 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.103 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Tgt Ion: 75 Resp: 48655
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 25.1 37.7#

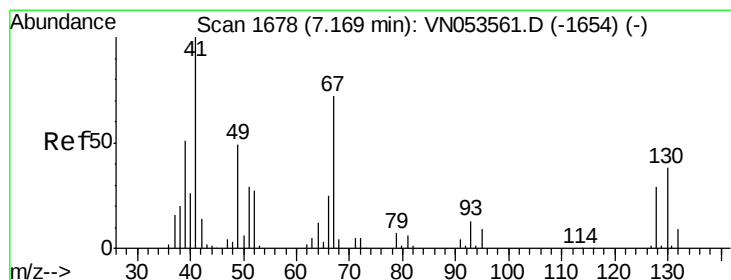
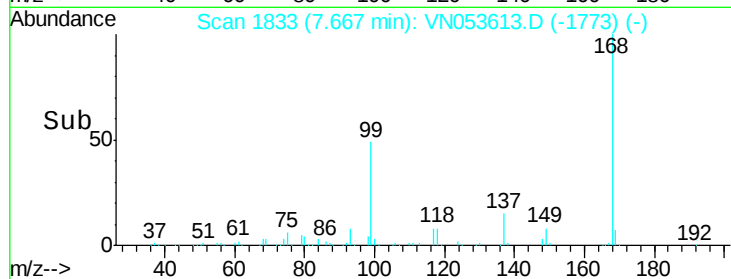
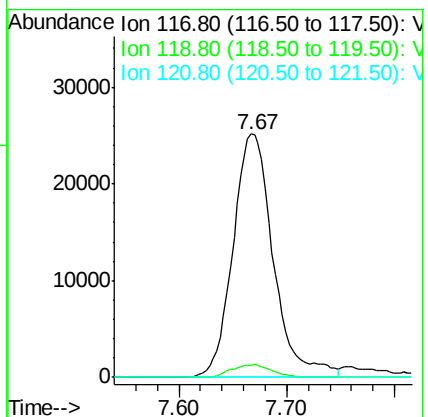
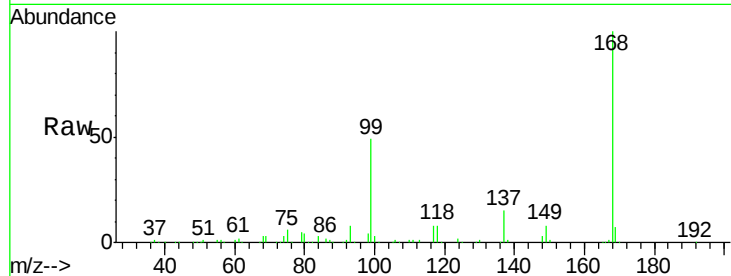




#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

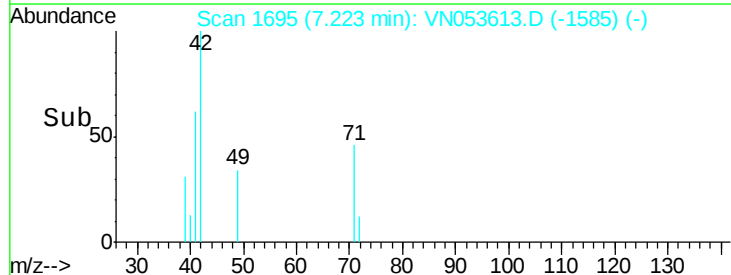
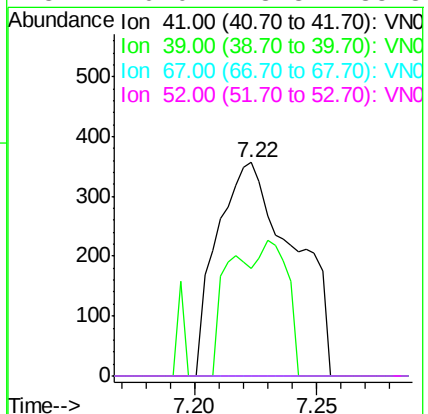
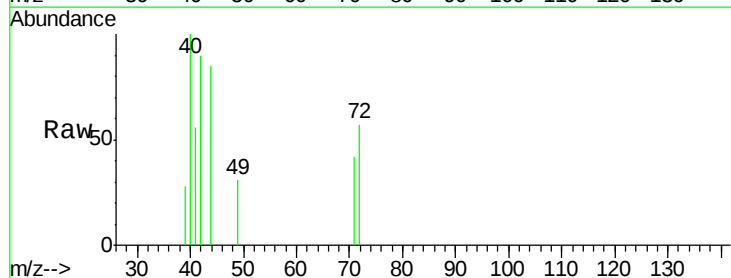
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

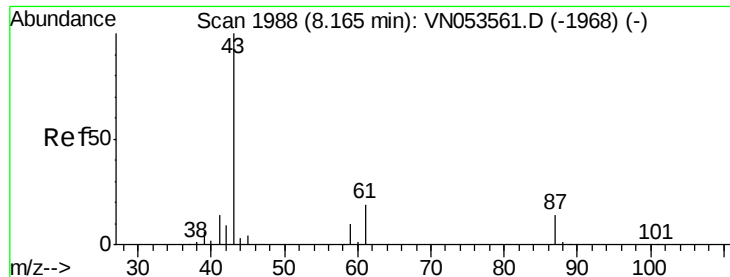
Tot Ion:117 Resp: 65457
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.210 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 41 Resp: 776
Ion Ratio Lower Upper
41 100
39 23.1 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 2.324 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-A

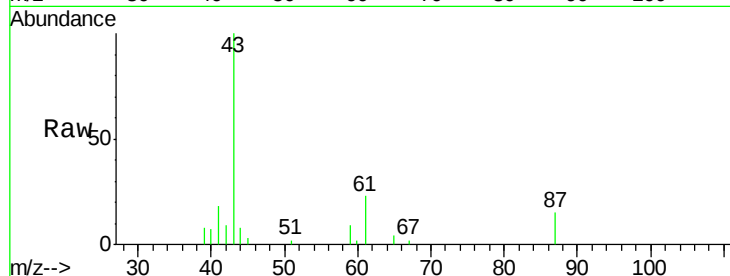
Tot Ion: 43 Resp: 29727

Ion Ratio Lower Upper

43 100

61 19.3 23.9 35.9#

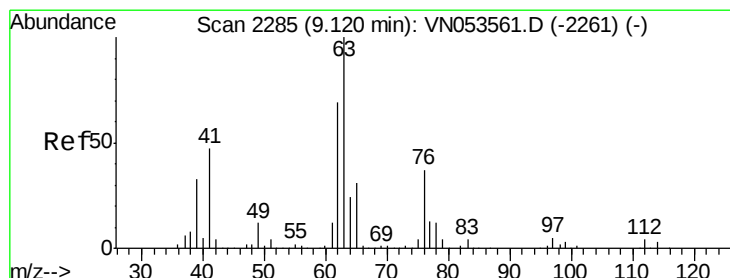
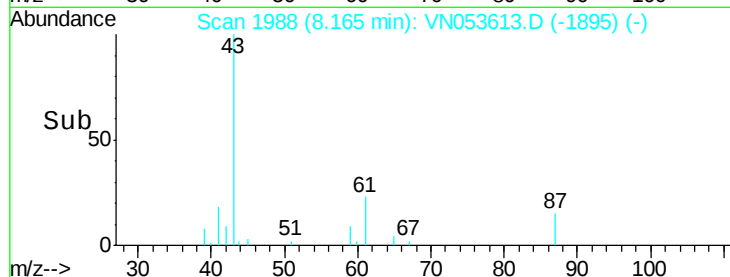
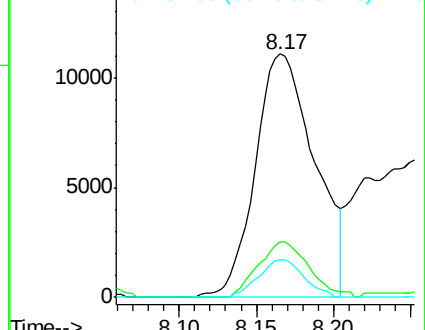
87 11.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.211 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053613.D

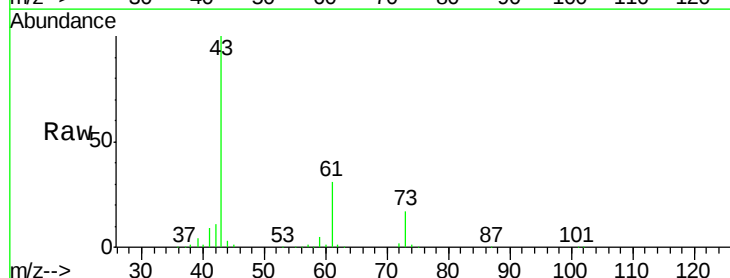
Acq: 5 Feb 2019 12:15

Tgt Ion: 63 Resp: 1977

Ion Ratio Lower Upper

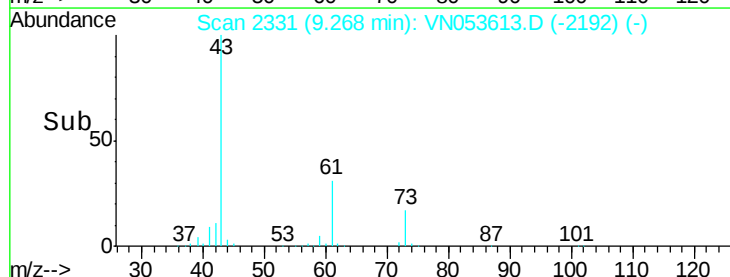
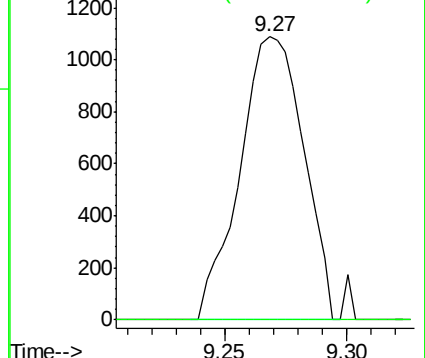
63 100

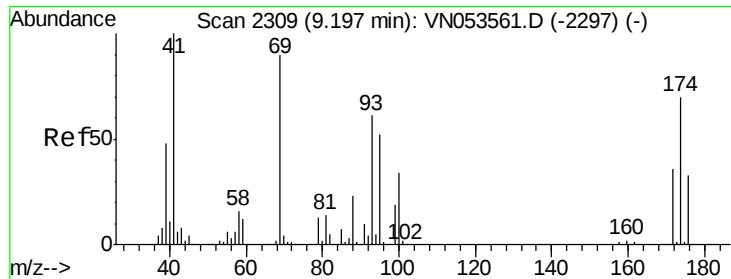
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

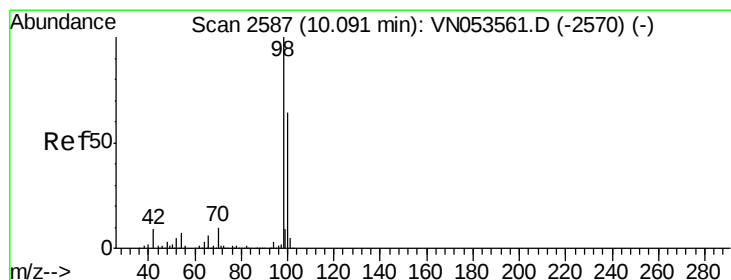
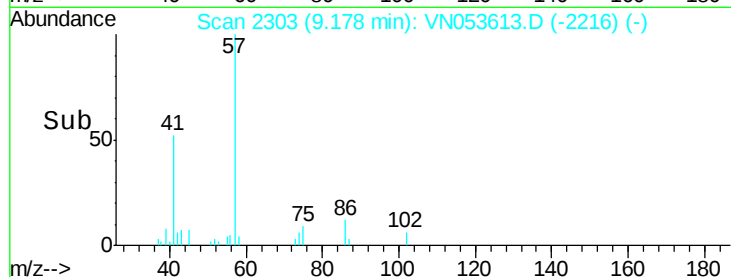
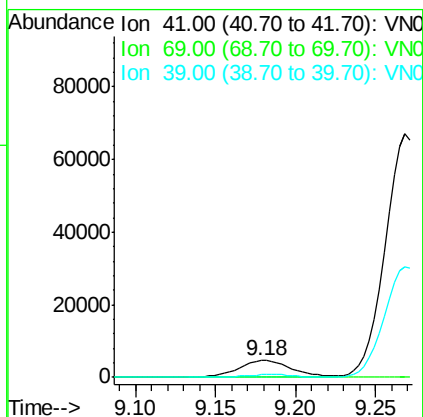
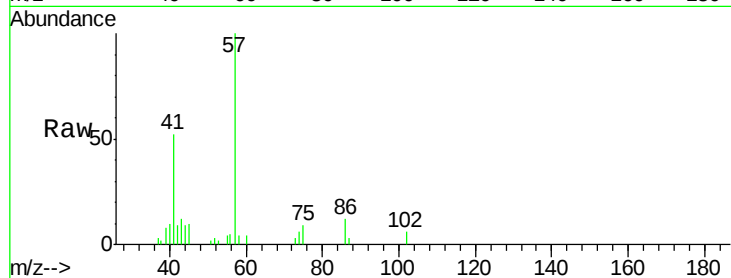




#48
Methvl methacrylate
Concen: 1.776 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

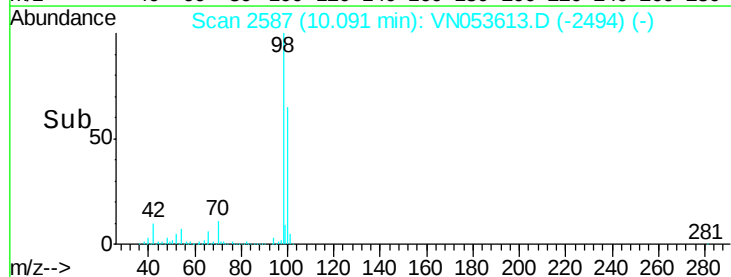
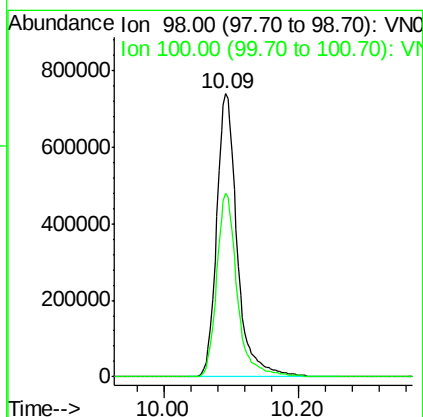
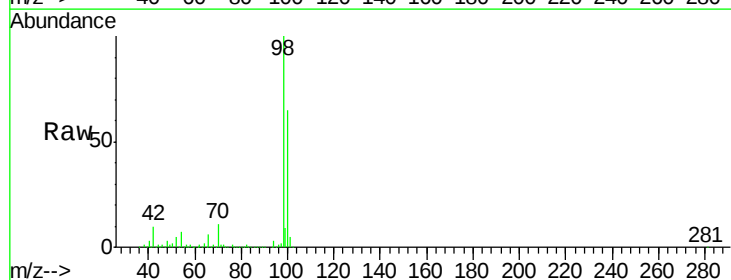
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

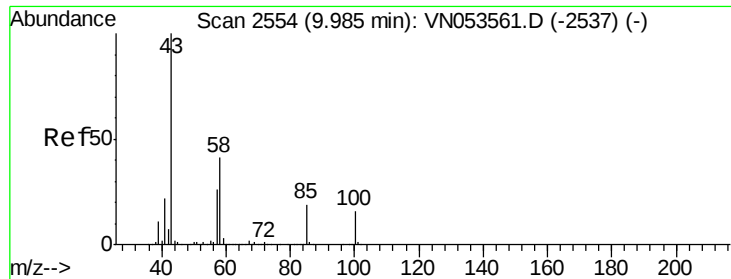
Tot Ion: 41 Resp: 10840
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 98 Resp: 1574507
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

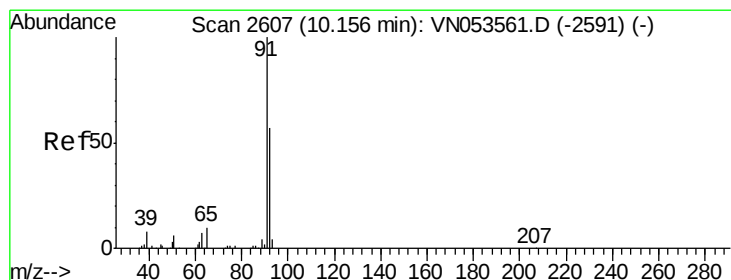
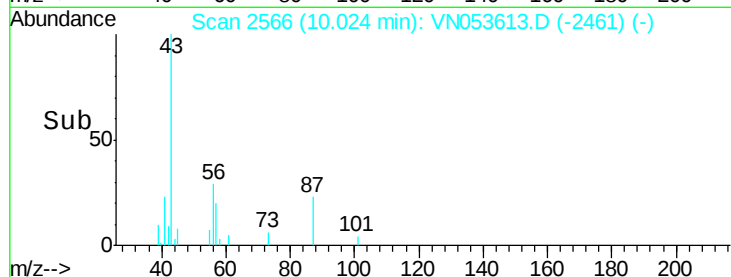
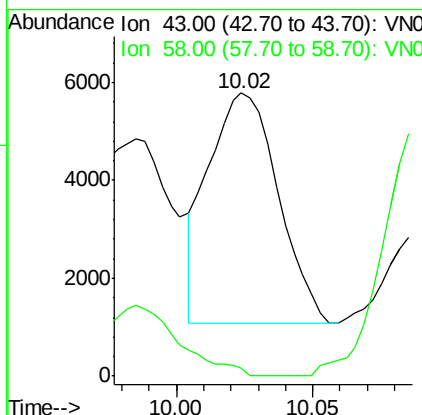
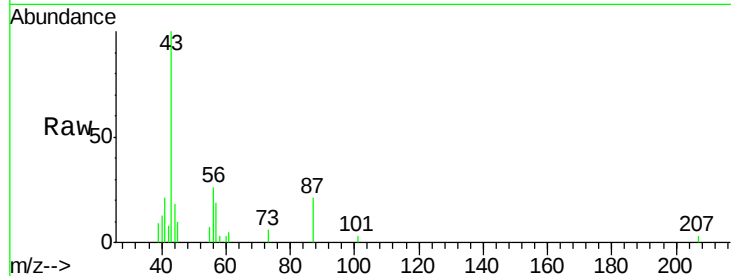




#51
 4-Methyl-2-Pentanone
 Concen: 1.329 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

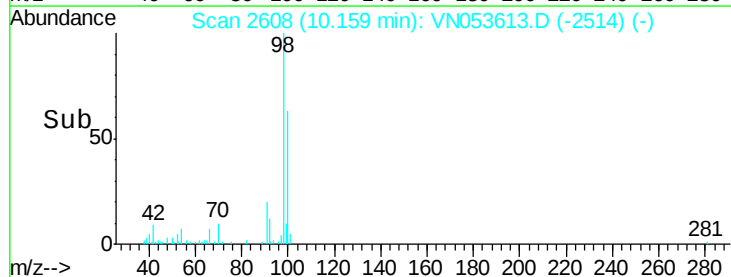
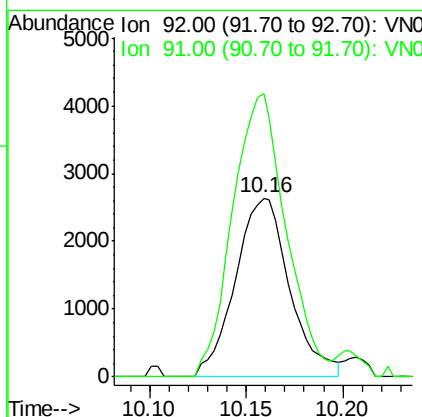
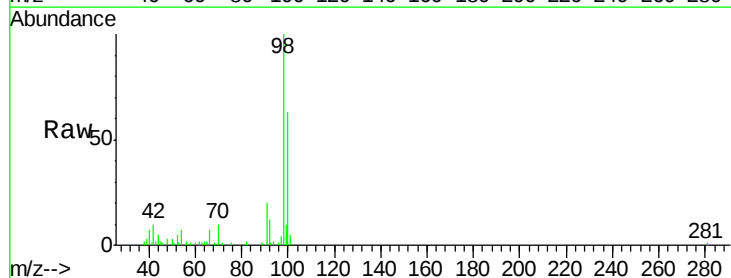
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

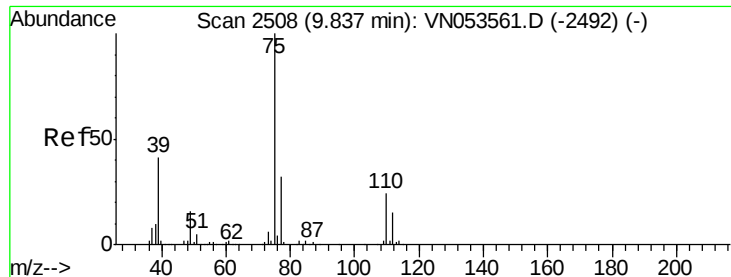
Tot Ion: 43 Resp: 8353
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#52
 Toluene
 Concen: 0.238 ug/l
 RT: 10.16 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Tgt Ion: 92 Resp: 5162
 Ion Ratio Lower Upper
 92 100
 91 156.0 139.9 209.9





#54

cis-1,3-Dichloropropene

Concen: 5.319 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-A

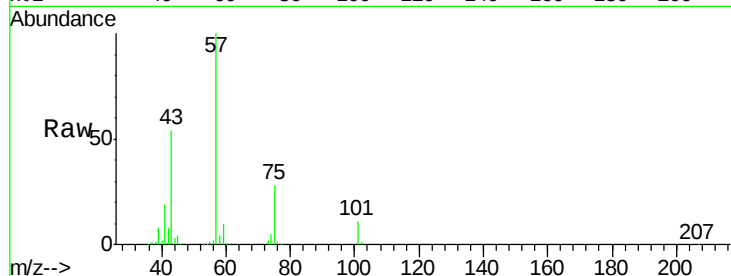
Tot Ion: 75 Resp: 73989

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

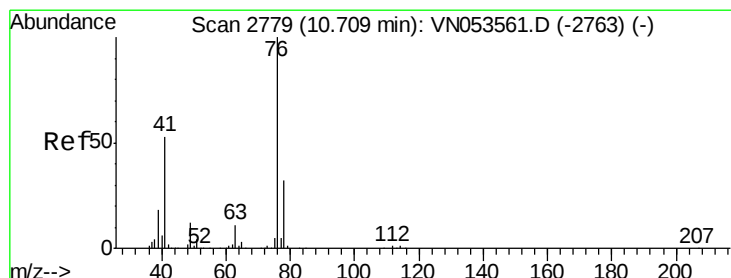
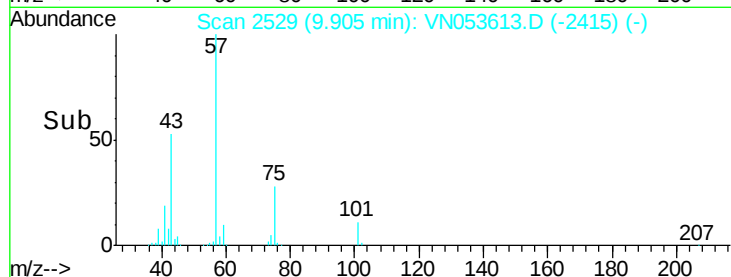
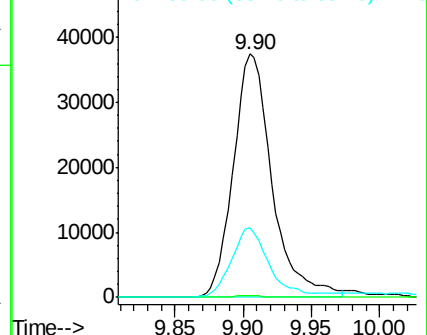
39 28.3 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.046 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053613.D

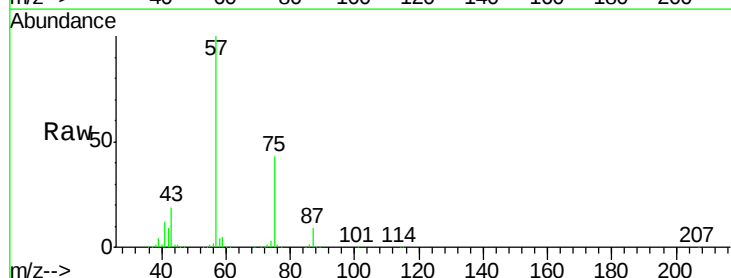
Acq: 5 Feb 2019 12:15

Tgt Ion: 76 Resp: 13978

Ion Ratio Lower Upper

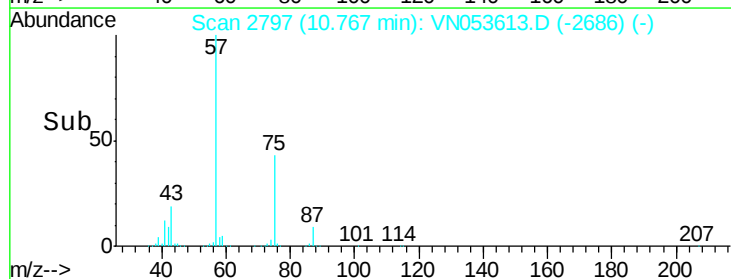
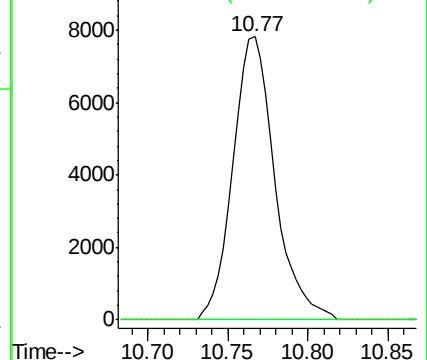
76 100

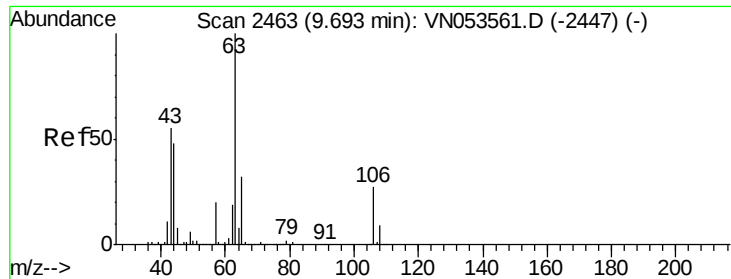
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

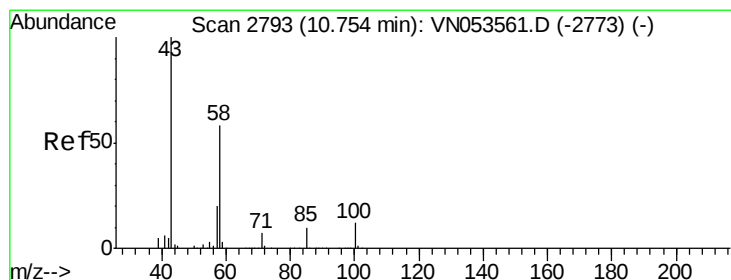
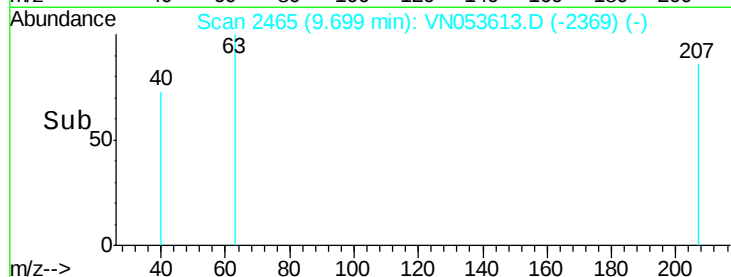
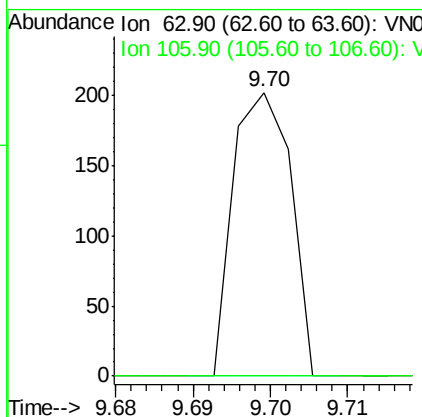
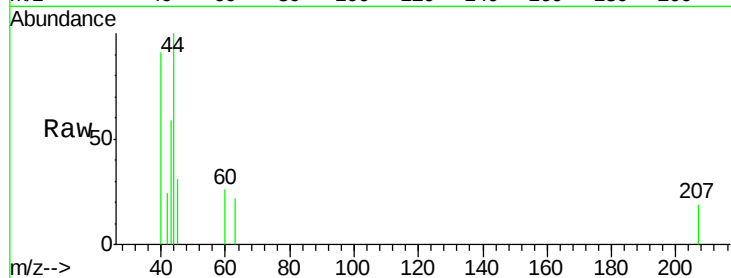




#58
2-Chloroethyl Vinyl ether
Concen: 8.027 ug/l
RT: 9.70 min Scan# 2465
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

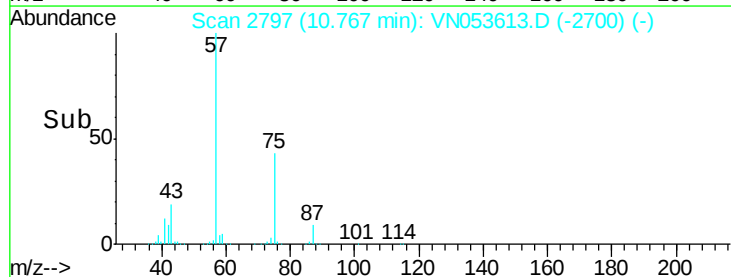
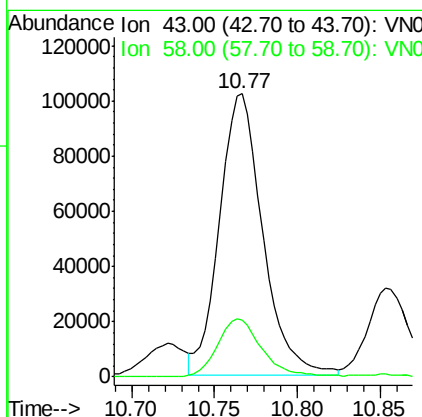
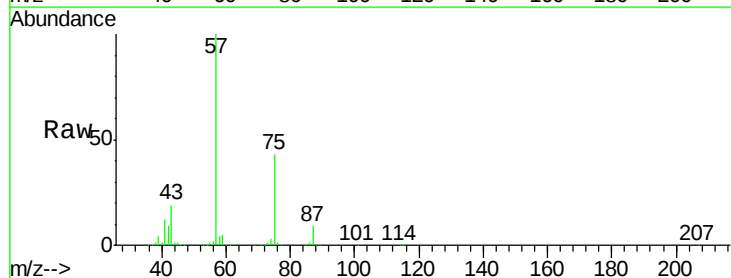
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

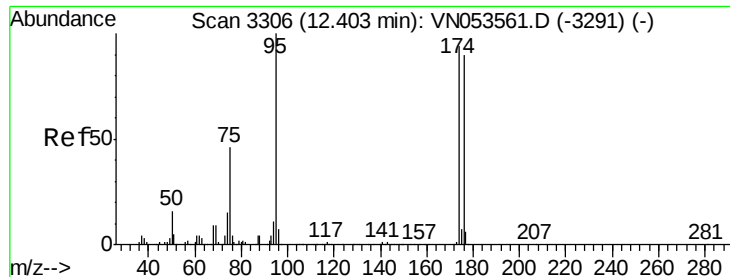
Tot Ion: 63 Resp: 105
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 43.580 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 185944
Ion Ratio Lower Upper
43 100
58 21.0 28.6 85.8#

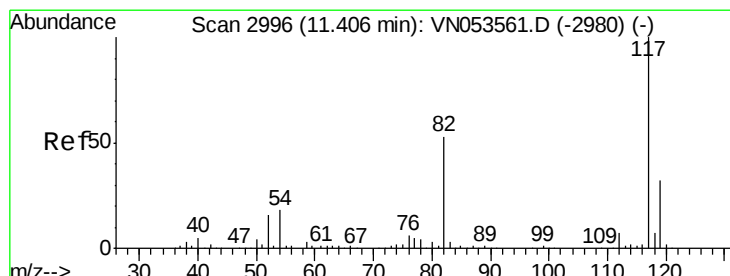
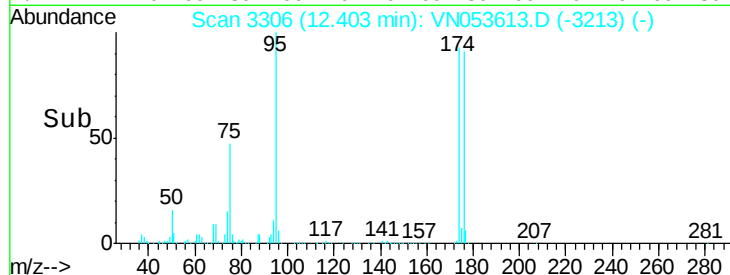
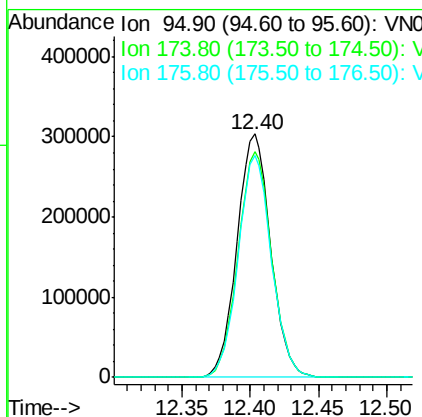
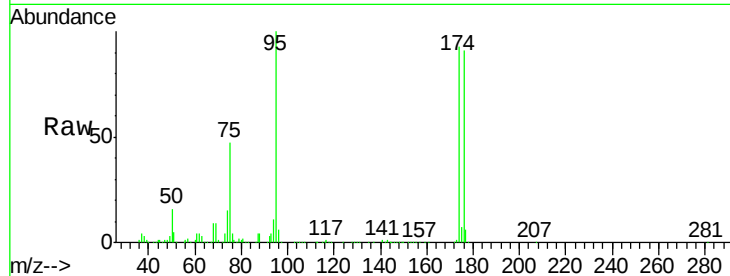




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

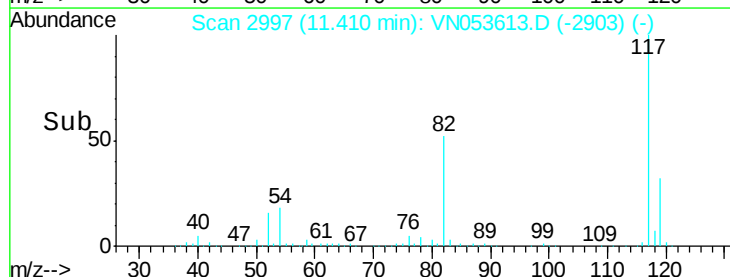
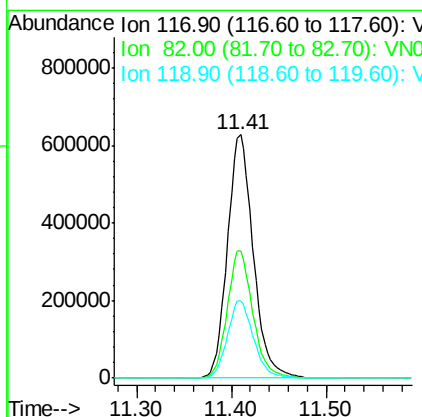
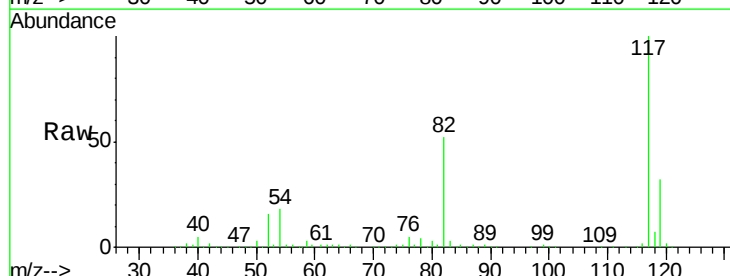
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

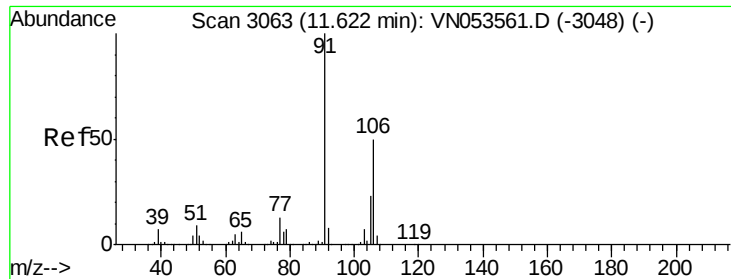
Tot Ion: 95 Resp: 520166
Ion Ratio Lower Upper
95 100
174 92.5 0.0 183.2
176 89.9 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 117 Resp: 1187374
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.0 26.0 39.0





#68

m/p-Xvlenes

Concen: 0.289 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

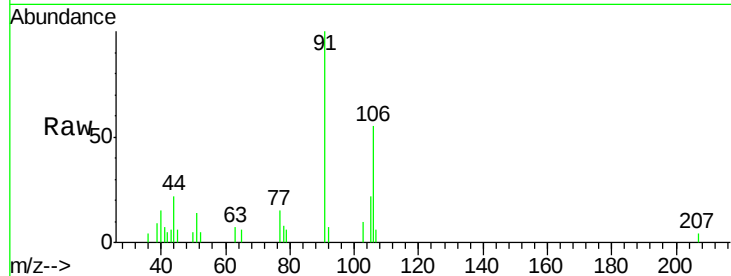
CL-02-020419-A

Tot Ion:106 Resp: 4566

Ion Ratio Lower Upper

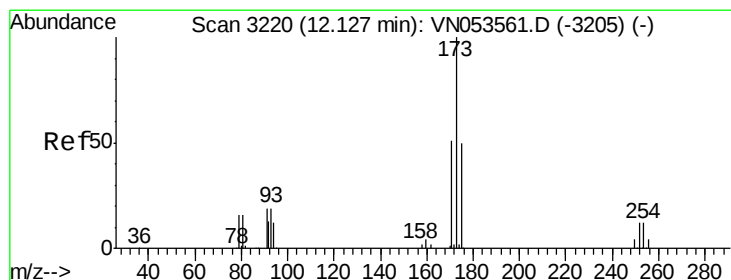
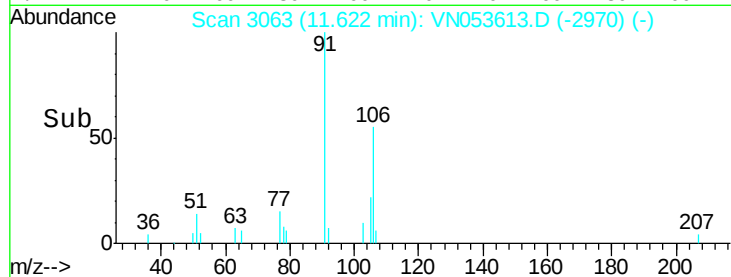
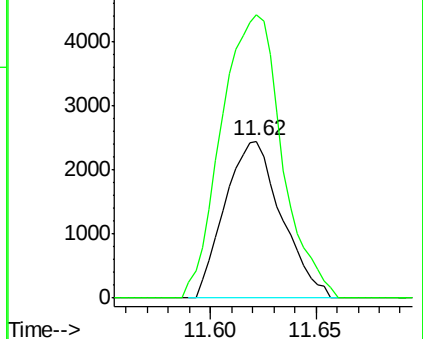
106 100

91 193.6 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.512 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

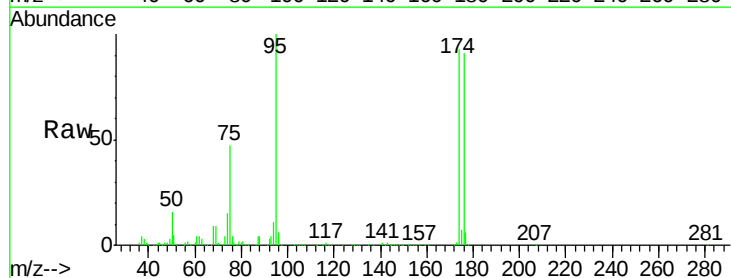
Tgt Ion:173 Resp: 3094

Ion Ratio Lower Upper

173 100

175 928.7 24.6 74.0#

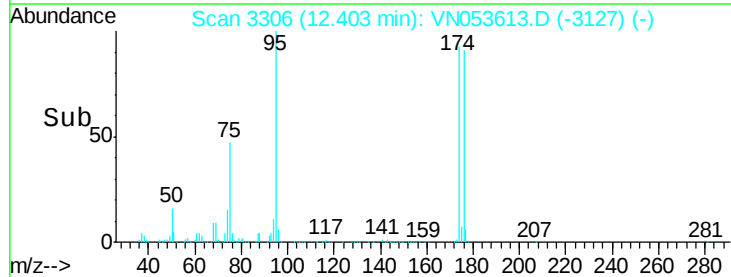
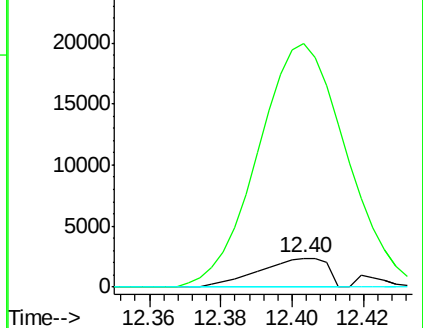
254 0.0 0.2 0.2#

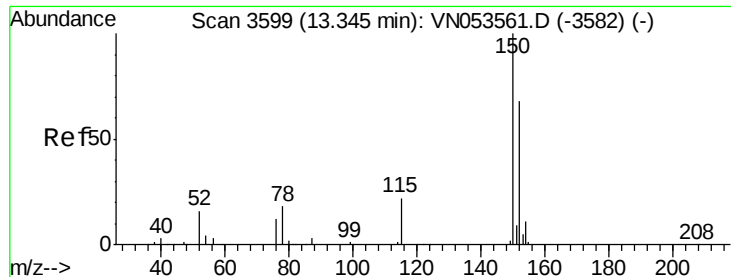


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



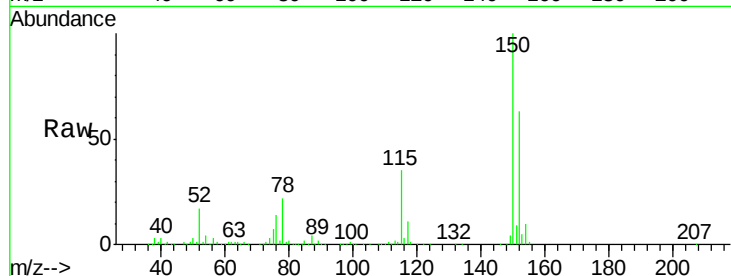


#72

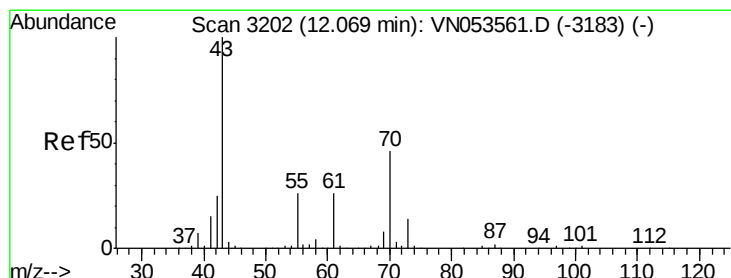
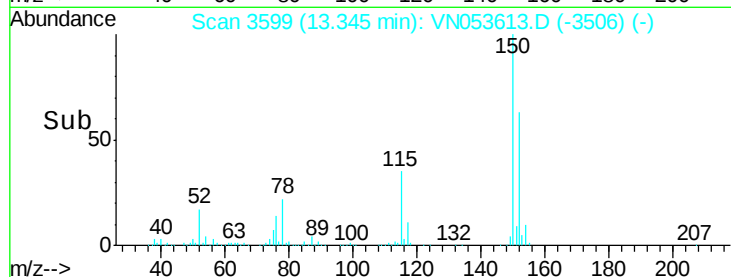
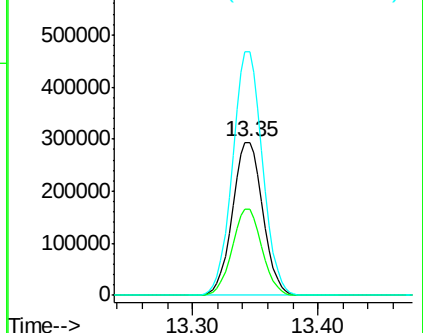
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-A

Tot Ion:152 Resp: 492523
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.8 0.0 349.0



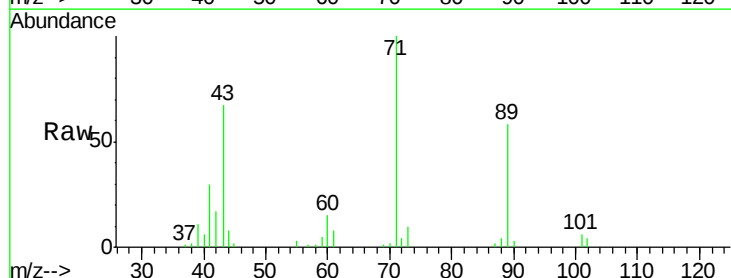
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



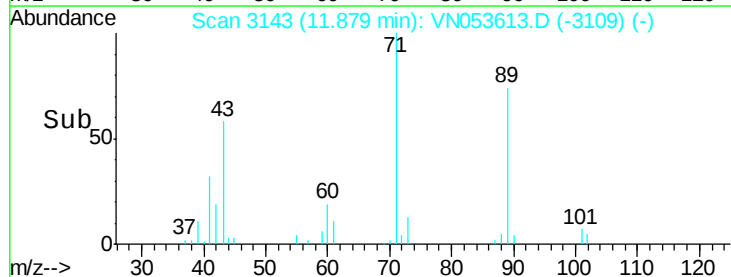
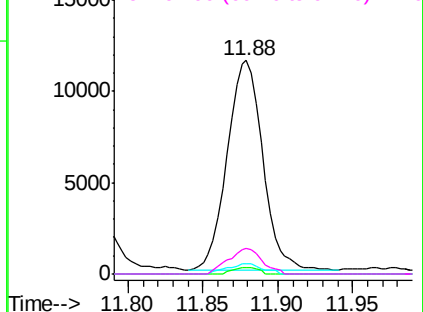
#74

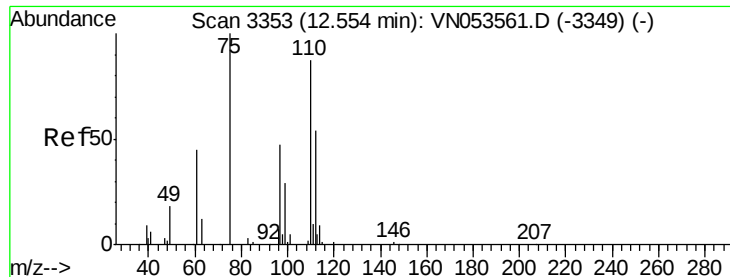
N-ethyl acetate
Concen: 2.273 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN053613.D
Acq: 5 Feb 2019 12:15

Tgt Ion: 43 Resp: 18926
Ion Ratio Lower Upper
43 100
70 2.2 35.4 53.2#
55 4.9 20.9 31.3#
61 11.6 20.5 30.7#



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: 38.021 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

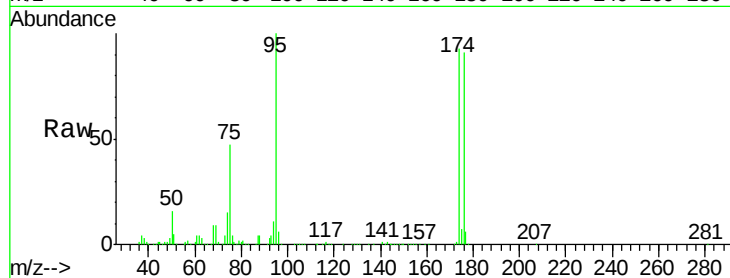
CL-02-020419-A

Tot Ion: 75 Resp: 240529

Ion Ratio Lower Upper

75 100

77 1.3 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

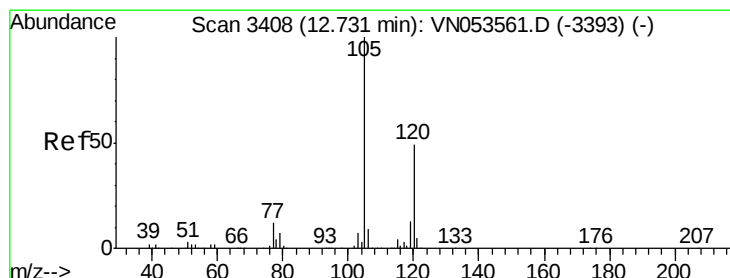
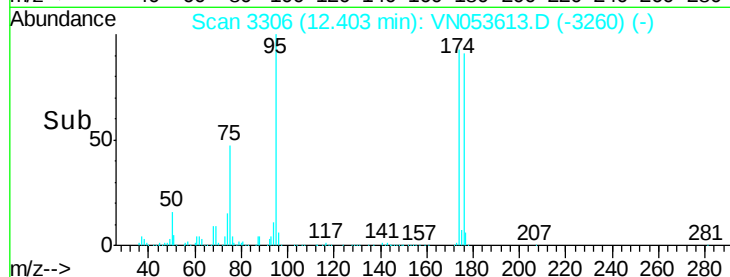
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.280 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053613.D

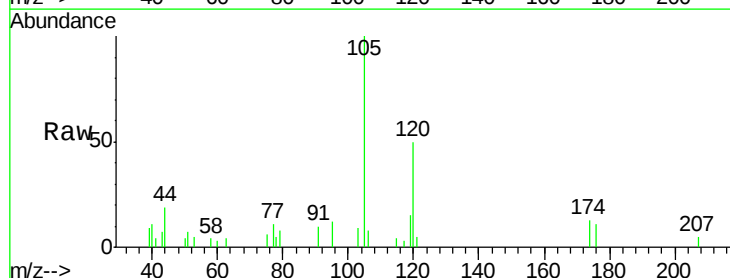
Acq: 5 Feb 2019 12:15

Tgt Ion: 105 Resp: 8029

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

5000

4000

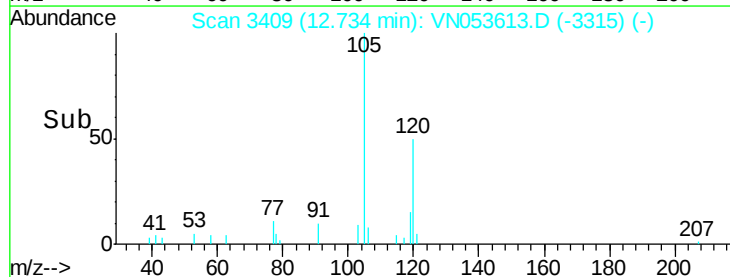
3000

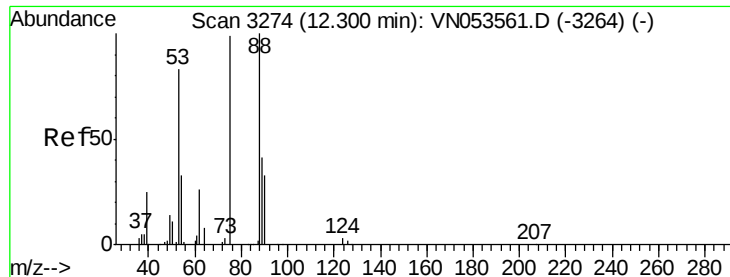
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 106.913 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053613.D

Acq: 5 Feb 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-A

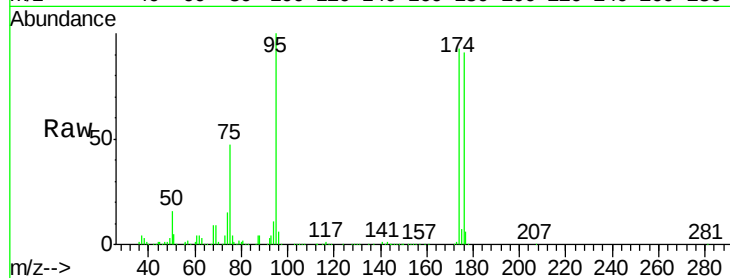
Tot Ion: 75 Resp: 240529

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

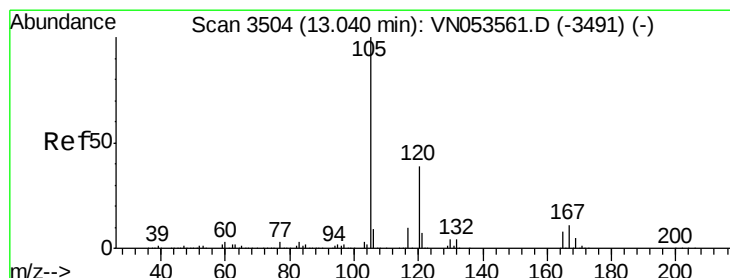
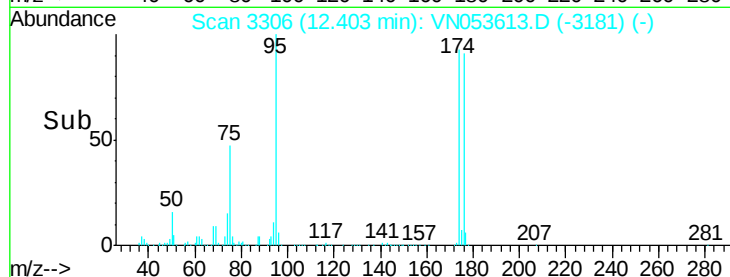
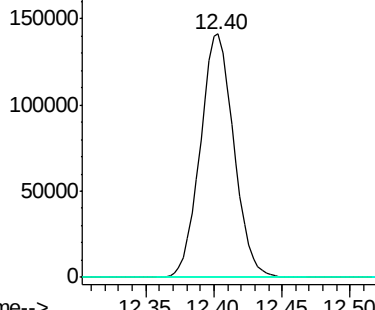
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.242 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053613.D

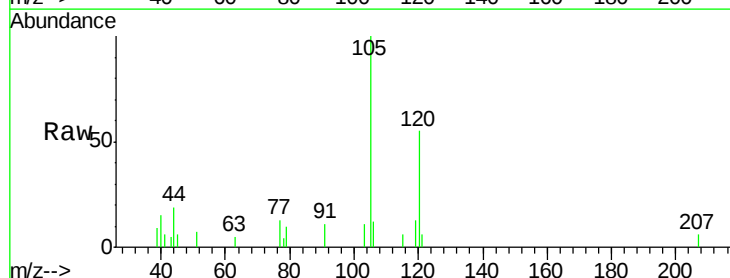
Acq: 5 Feb 2019 12:15

Tgt Ion: 105 Resp: 7070

Ion Ratio Lower Upper

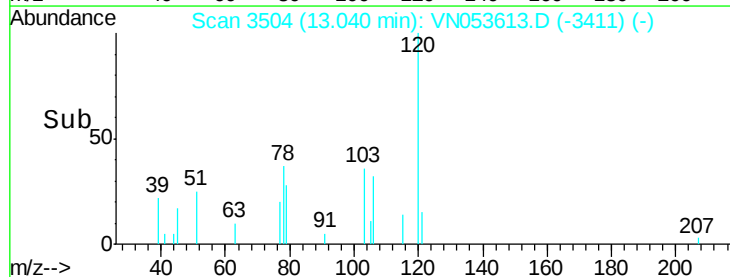
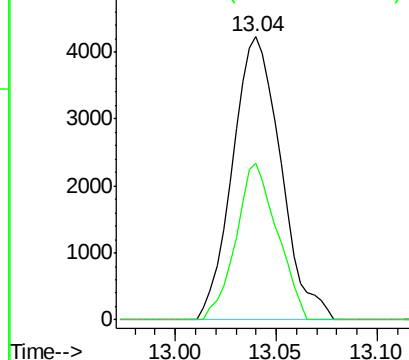
105 100

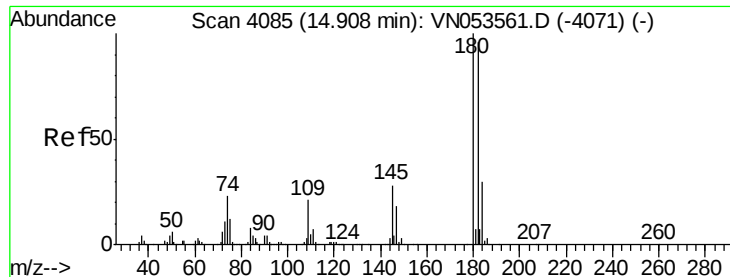
120 47.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

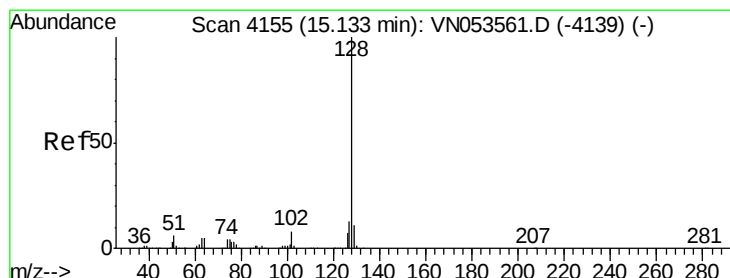
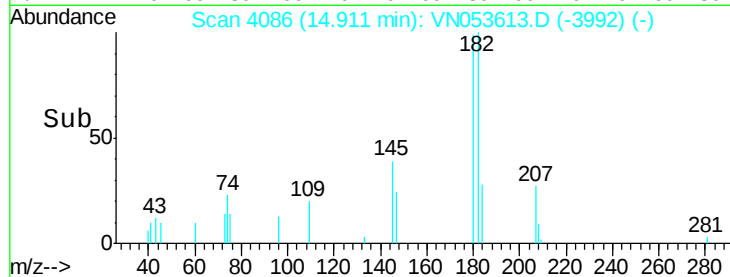
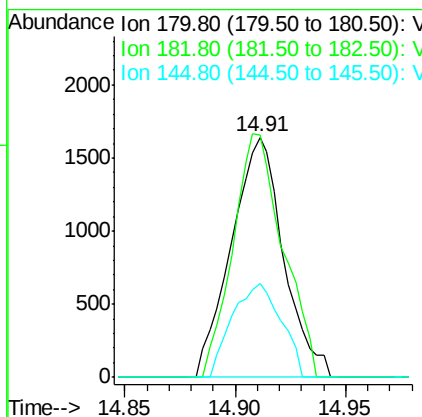
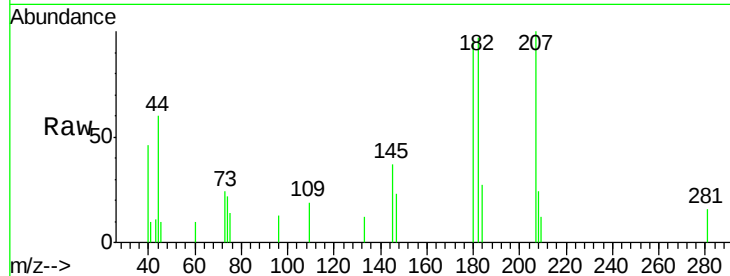




#93
 1,2,4-Trichlorobenzene
 Concen: 0.292 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

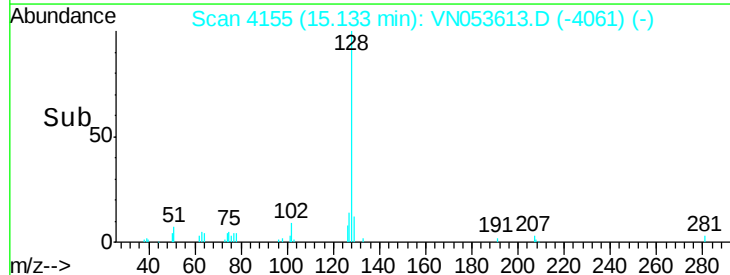
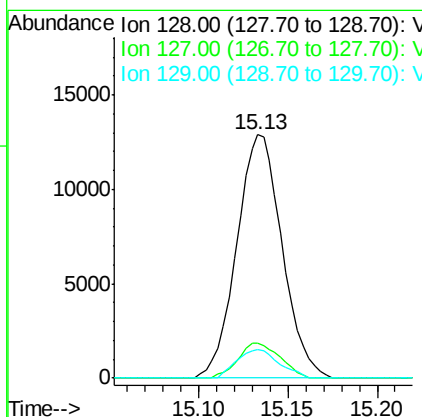
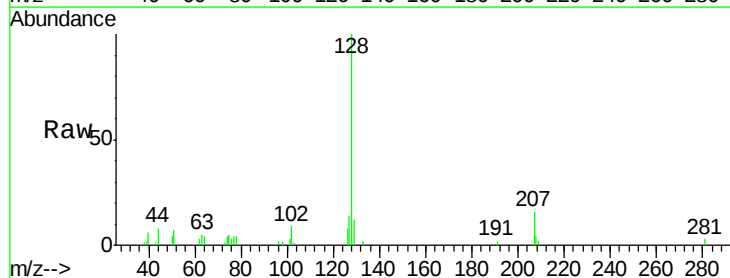
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

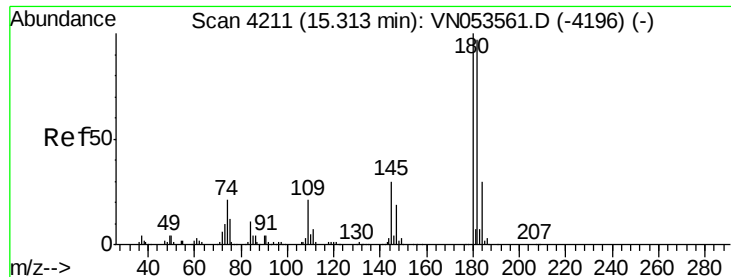
Tot Ion:180 Resp: 2693
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.1 144.3
 145 36.6 13.9 41.6



#95
 Naphthalene
 Concen: 2.756 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Tgt Ion:128 Resp: 22850
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.323 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053613.D
 Acq: 5 Feb 2019 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-A

Tot Ion:180 Resp: 2763
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.9 143.8
 145 35.9 14.7 44.1

