

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052575.D
 Acq On : 29 Nov 2018 19:45
 Operator : MD\SY
 Sample : J5767-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-D

Quant Time: Nov 30 00:29:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

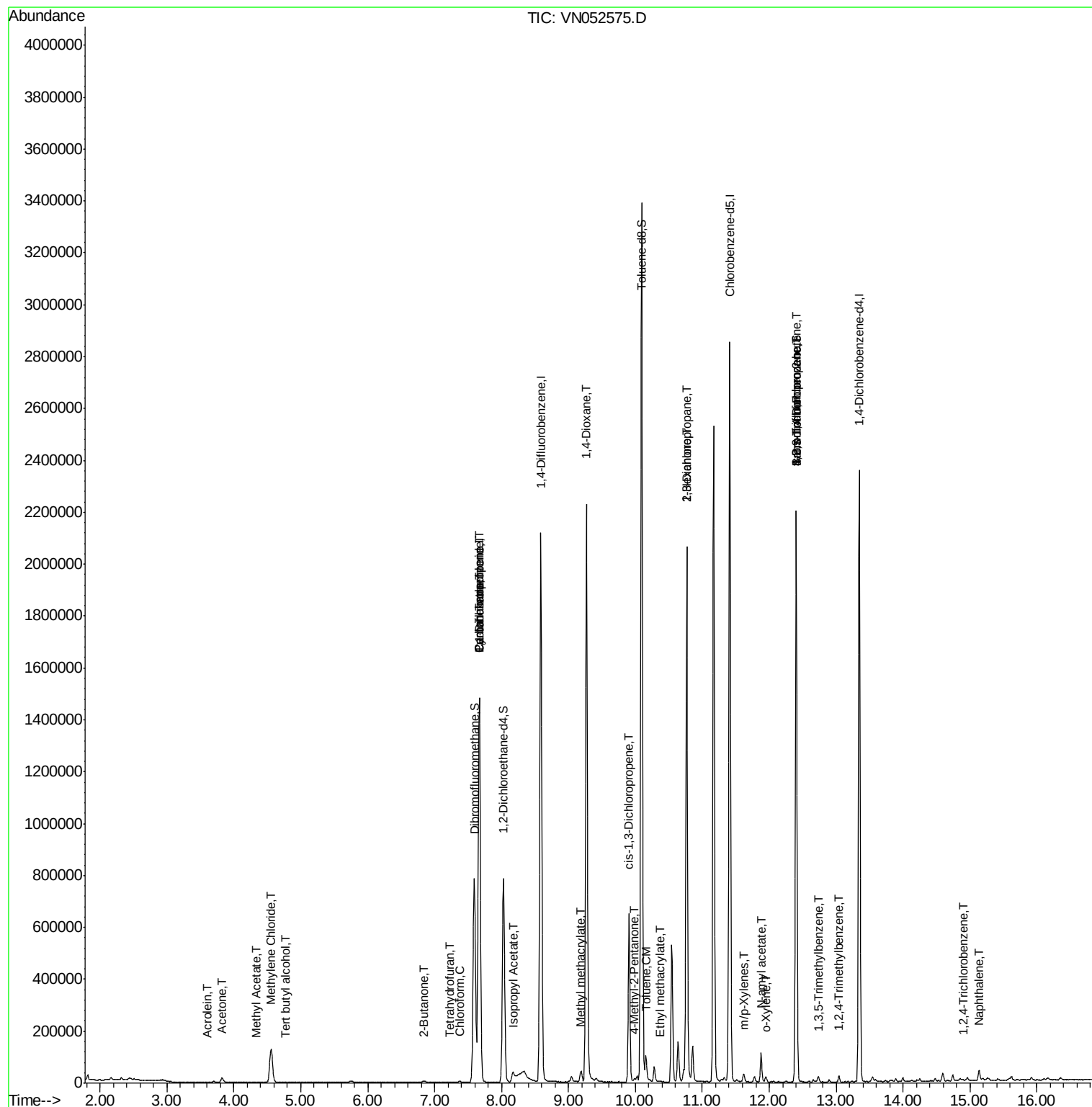
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1297511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1989789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1742693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	669622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	668325	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.59	113	614432	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	2433391	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	764755	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.78	59	525	0.742	ug/l #	73
13) Acrolein	3.60	56	32	33.497	ug/l #	14
16) Acetone	3.82	43	28649	7.688	ug/l	94
18) Methyl Acetate	4.32	43	2437	0.228	ug/l	92
20) Methylene Chloride	4.55	84	99967	6.856	ug/l	98
25) 2-Butanone	6.85	43	4812	0.911	ug/l #	88
29) Tetrahydrofuran	7.23	42	2140	0.628	ug/l #	44
30) Chloroform	7.38	83	6085	0.243	ug/l	97
31) Cyclohexane	7.67	56	22241	0.553	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	89287	4.752	ug/l #	50
38) Carbon Tetrachloride	7.67	117	113496	6.672	ug/l #	16
43) Isopropyl Acetate	8.17	43	56377	2.905	ug/l #	80
48) Methyl methacrylate	9.18	41	15584	1.540	ug/l #	13
49) 1,4-Dioxane	9.27	88	240	2.285	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7821	0.718	ug/l	96
52) Toluene	10.16	92	41774	1.256	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	123647	5.985	ug/l #	61
56) Ethyl methacrylate	10.37	69	123	2.700	ug/l #	25
57) 1,3-Dichloropropane	10.77	76	21472	1.039	ug/l #	43
59) 2-Hexanone	10.77	43	300826	41.165	ug/l #	51
68) m/p-Xylenes	11.62	106	10167	0.434	ug/l	97
69) o-Xylene	11.95	106	5259	0.231	ug/l	95
71) Bromoform	12.41	173	4330	0.523	ug/l #	1
74) N-amyl acetate	11.88	43	34310	2.585	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	364183	35.269	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10871	0.259	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	364183	117.781	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	14868	0.354	ug/l	100
93) 1,2,4-Trichlorobenzene	14.90	180	312	2.854	ug/l #	1
95) Naphthalene	15.14	128	35268	4.732	ug/l	98

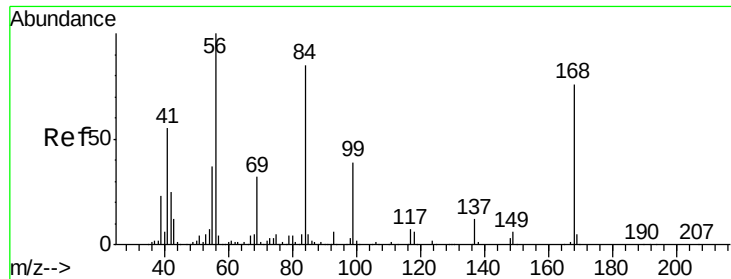
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

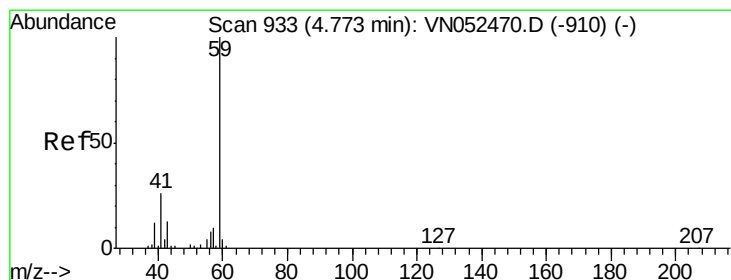
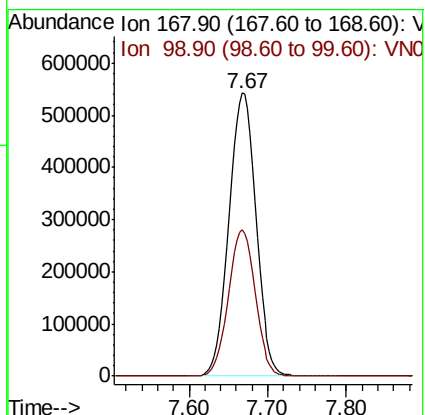
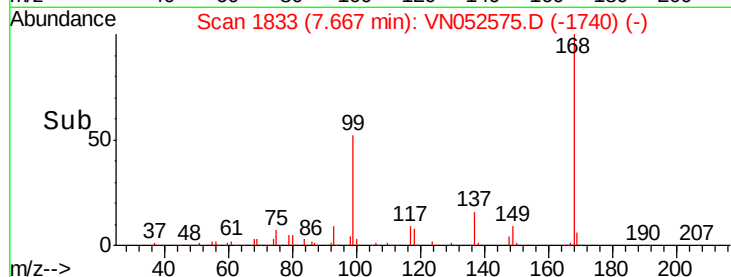
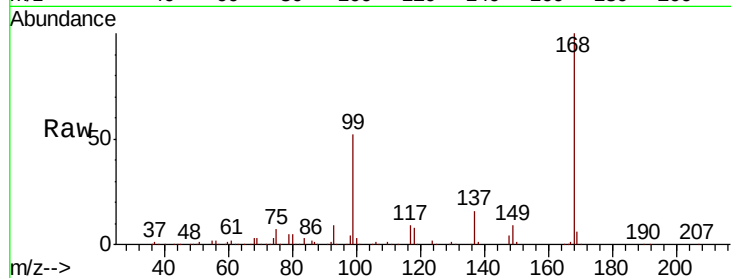
CL-02-112818-D

Tot Ion:168 Resp: 1297511

Ion Ratio Lower Upper

168 100

99 51.5 41.7 62.5



#11

Tert butyl alcohol

Concen: 0.742 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN052575.D

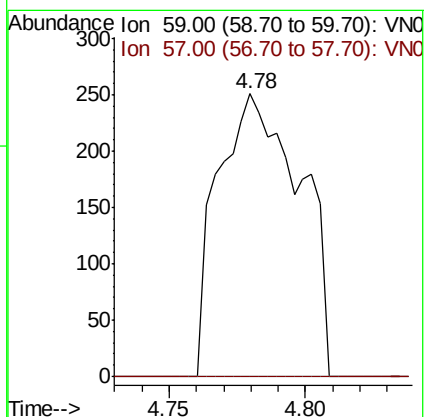
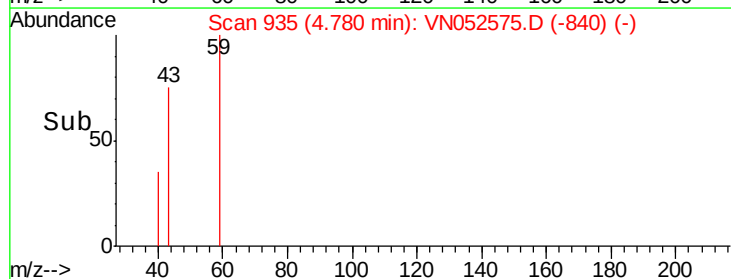
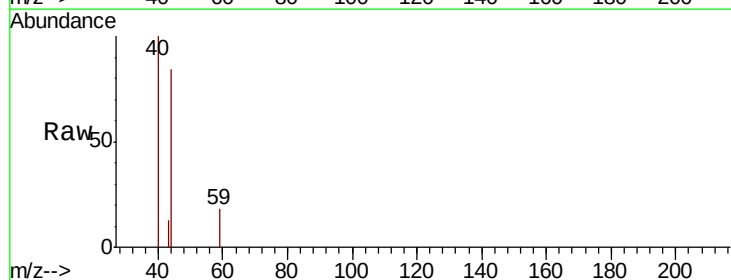
Acq: 29 Nov 2018 19:45

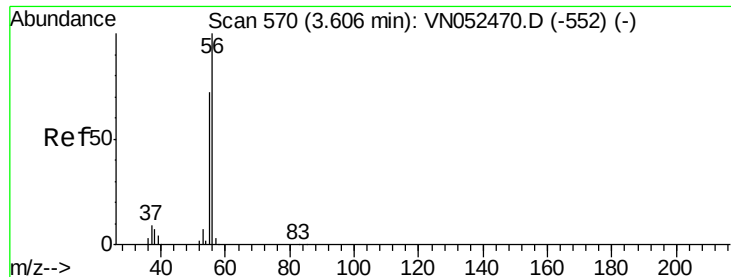
Tgt Ion: 59 Resp: 525

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 33.497 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

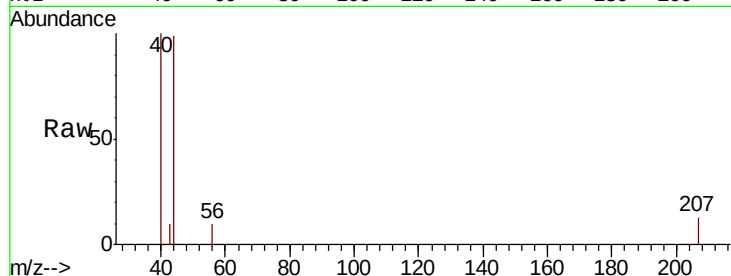
CL-02-112818-D

Tot Ion: 56 Resp: 32

Ion Ratio Lower Upper

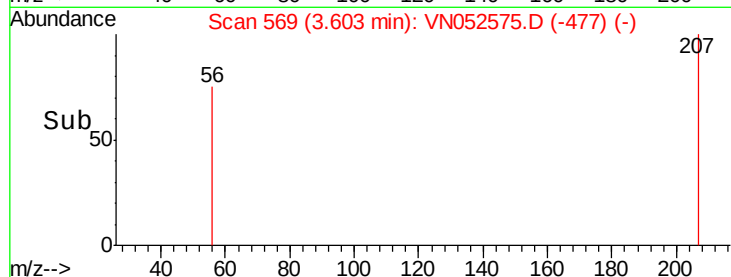
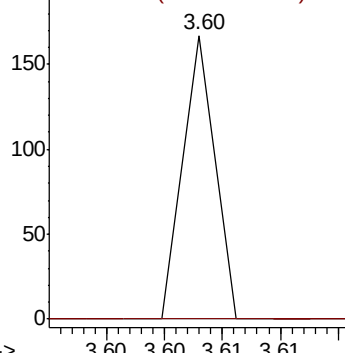
56 100

55 0.0 56.8 85.2#

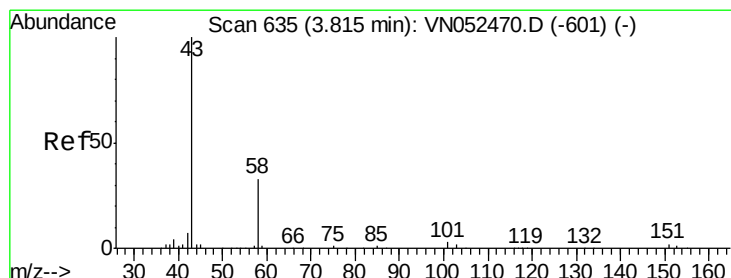


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 7.688 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052575.D

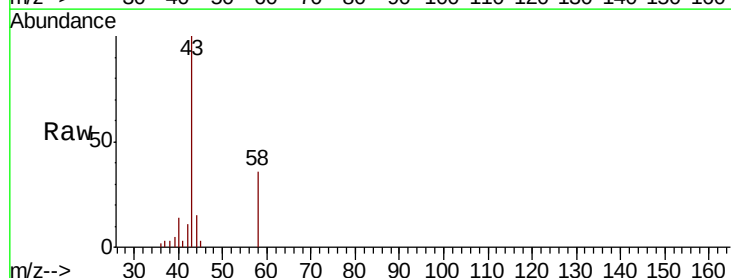
Acq: 29 Nov 2018 19:45

Tgt Ion: 43 Resp: 28649

Ion Ratio Lower Upper

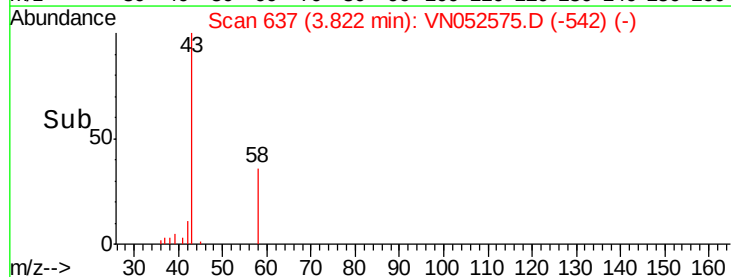
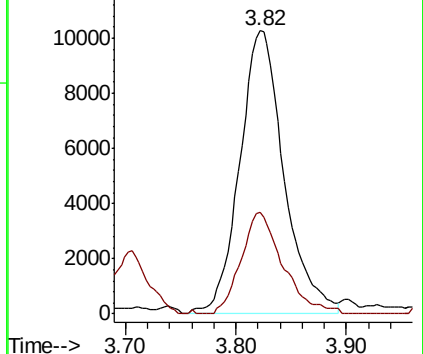
43 100

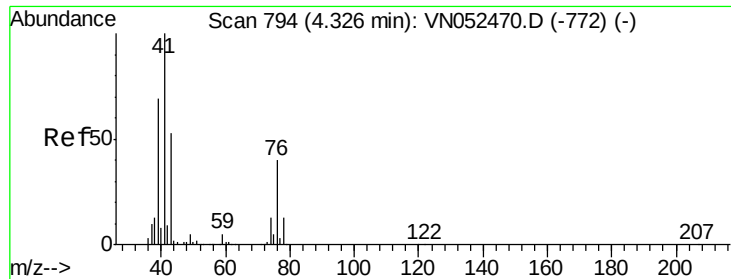
58 35.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

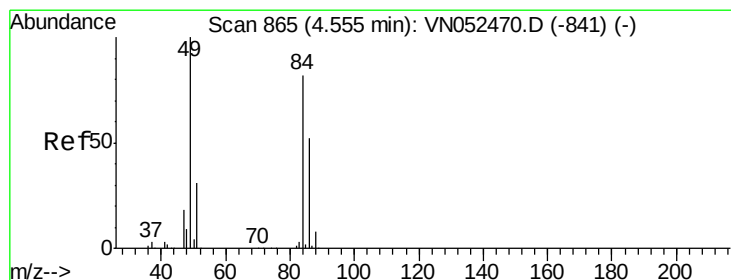
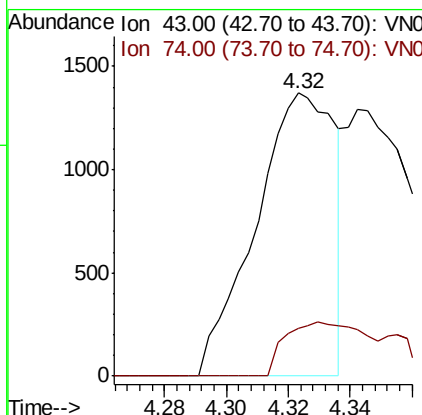
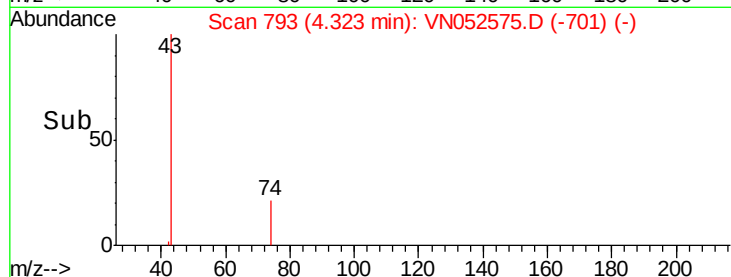
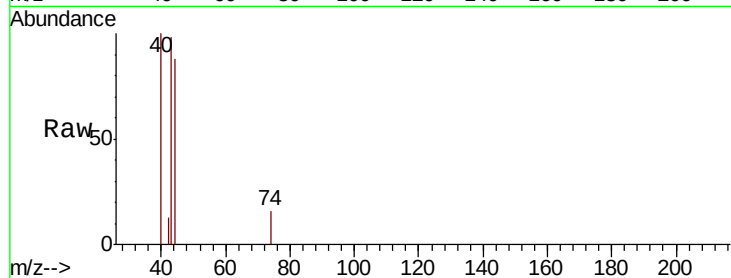




#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

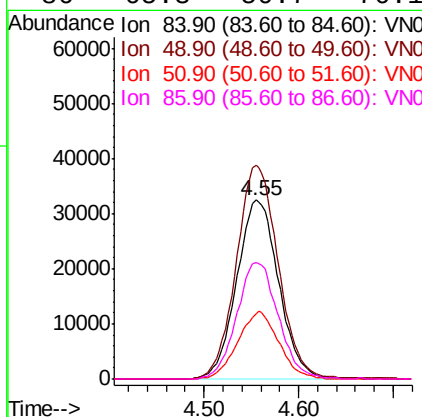
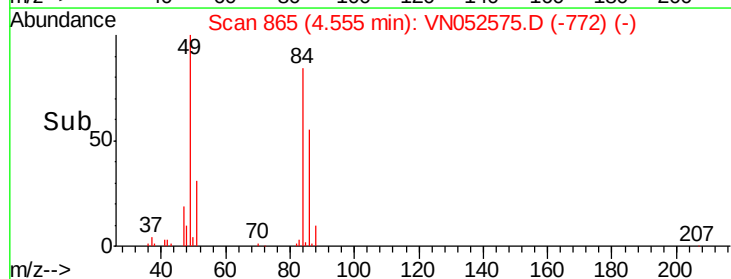
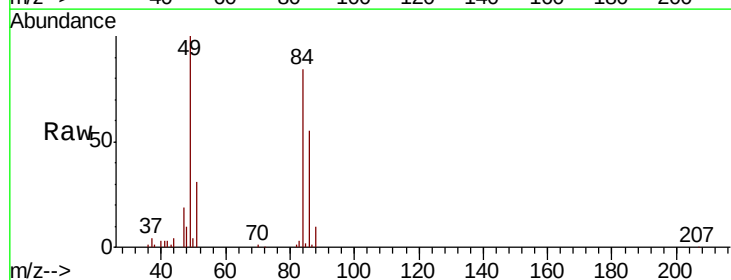
Instrument :
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CL-02-112818-D

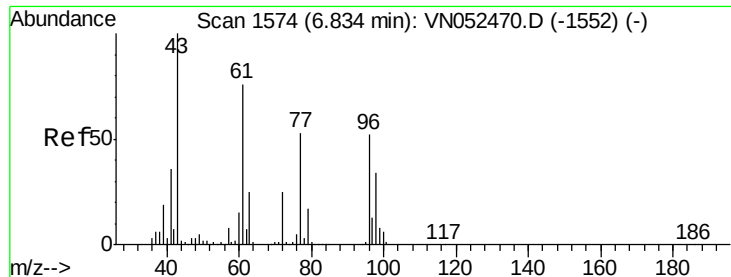
Tot Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
74 19.2 18.6 27.8



#20
Methylene Chloride
Concen: 6.856 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion: 84 Resp: 99967
Ion Ratio Lower Upper
84 100
49 119.5 98.0 147.0
51 36.7 30.1 45.1
86 65.3 50.7 76.1





#25

2-Butanone

Concen: 0.911 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

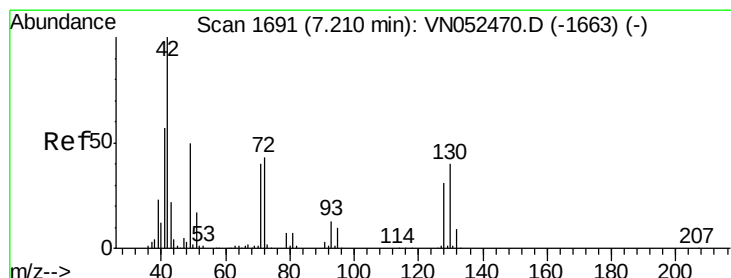
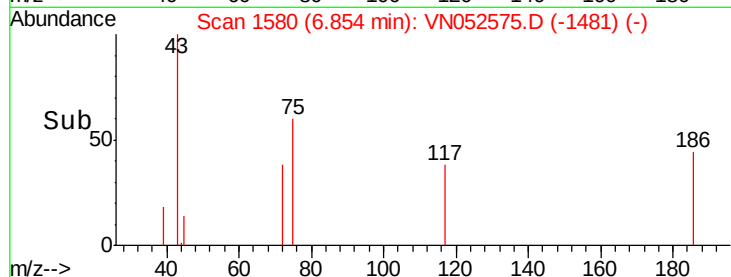
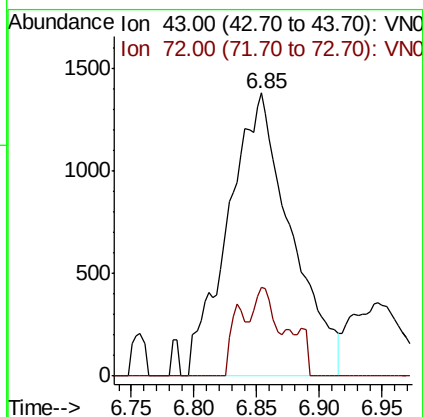
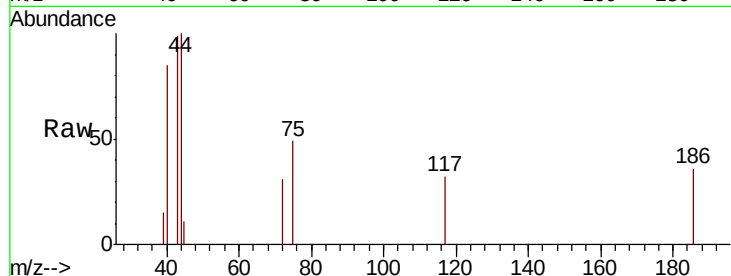
CL-02-112818-D

Tot Ion: 43 Resp: 4812

Ion Ratio Lower Upper

43 100

72 31.2 20.1 30.1#



#29

Tetrahydrofuran

Concen: 0.628 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

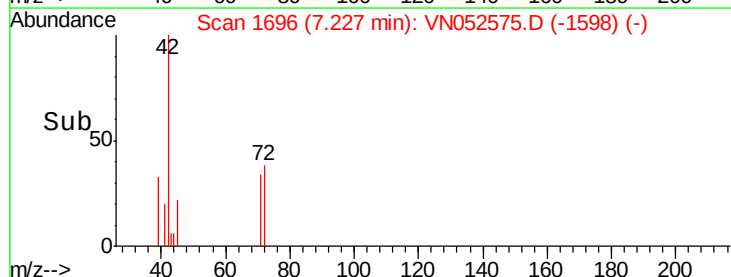
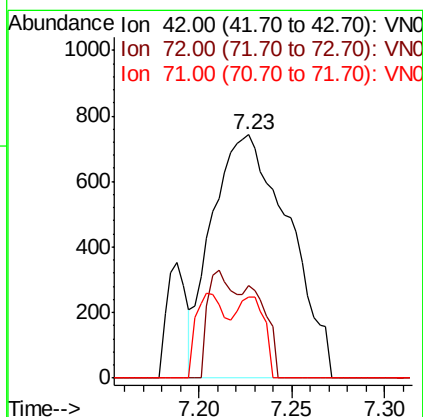
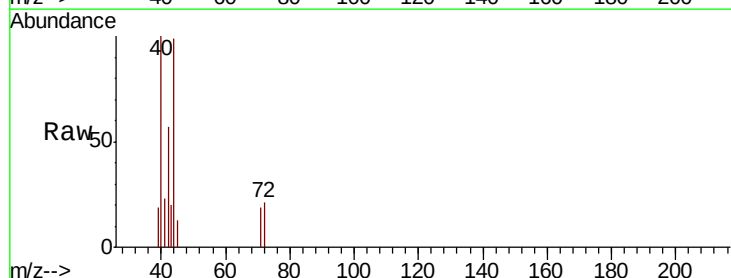
Tgt Ion: 42 Resp: 2140

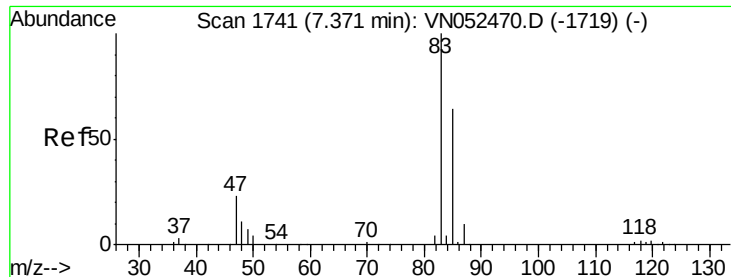
Ion Ratio Lower Upper

42 100

72 0.0 33.3 49.9#

71 11.8 32.0 48.0#

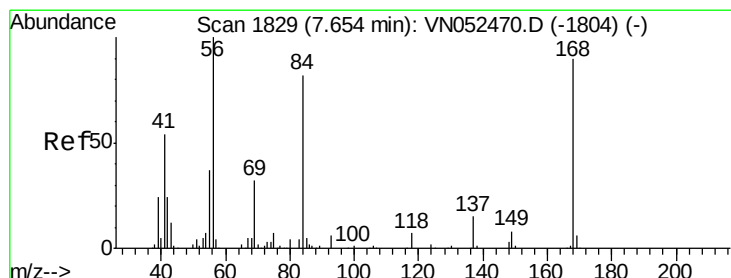
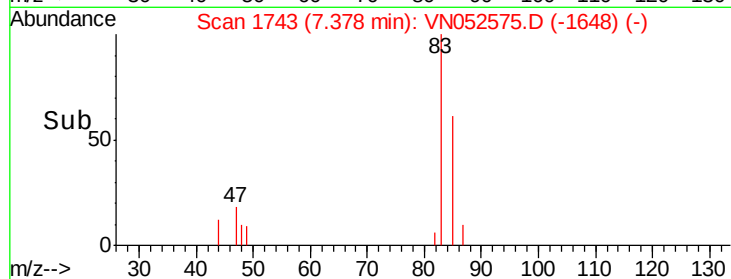
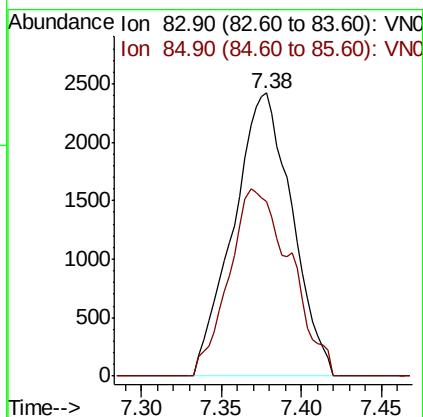
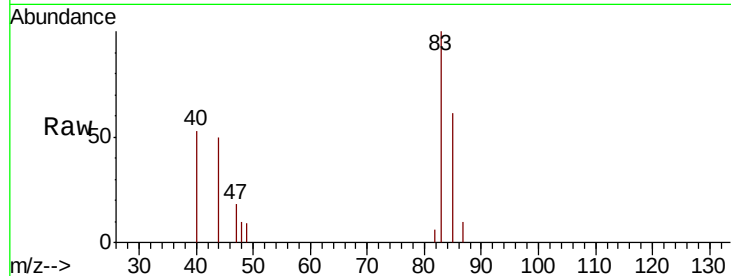




#30
Chloroform
Concen: 0.243 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

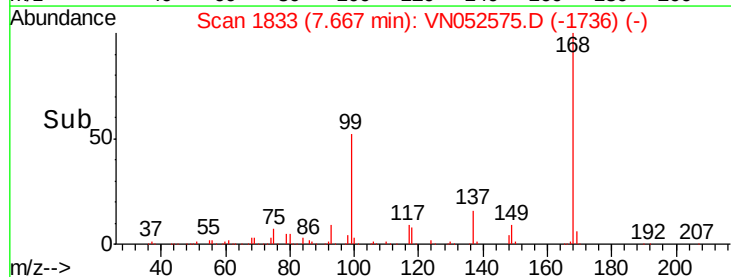
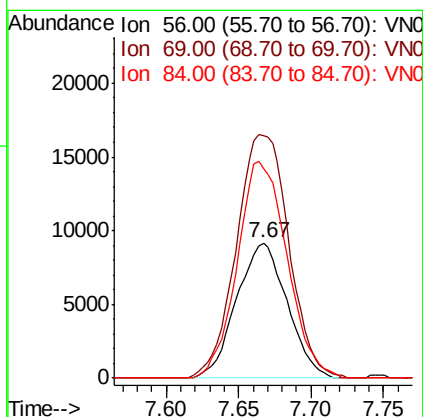
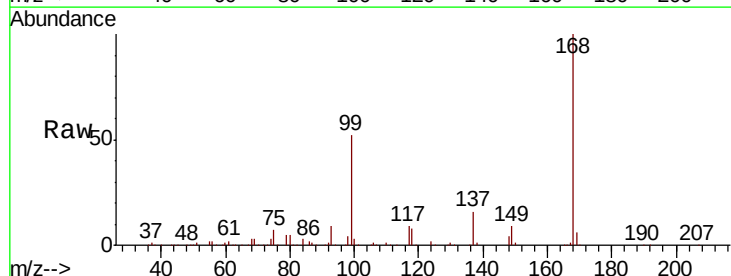
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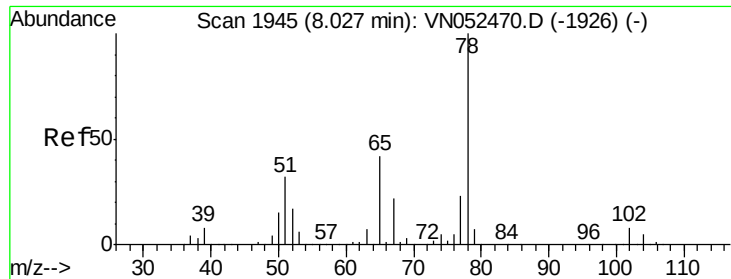
Tot Ion: 83 Resp: 6085
Ion Ratio Lower Upper
83 100
85 61.5 51.0 76.4



#31
Cyclohexane
Concen: 0.553 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion: 56 Resp: 22241
Ion Ratio Lower Upper
56 100
69 179.3 25.8 38.6#
84 154.3 65.3 97.9#

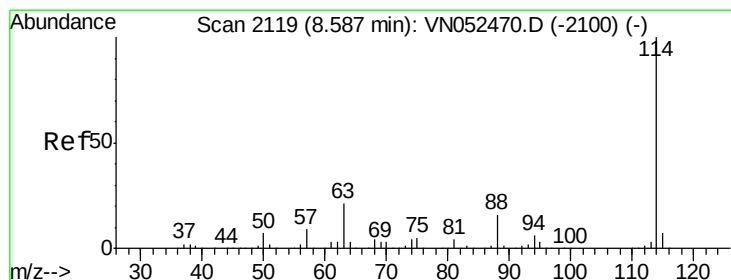
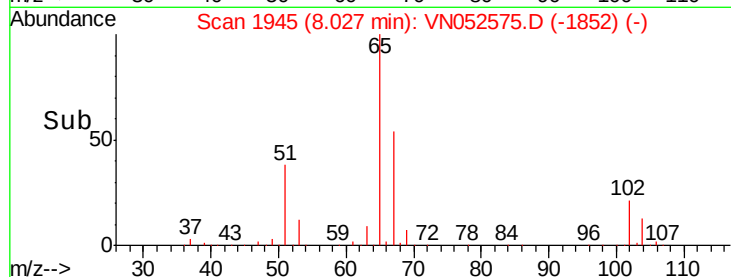
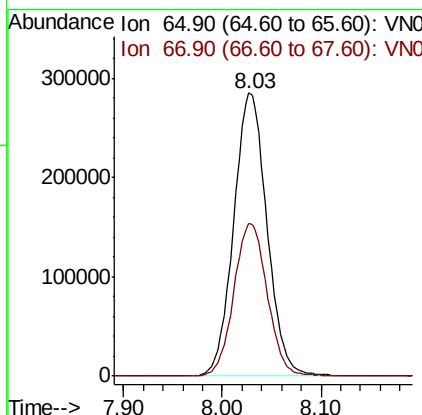
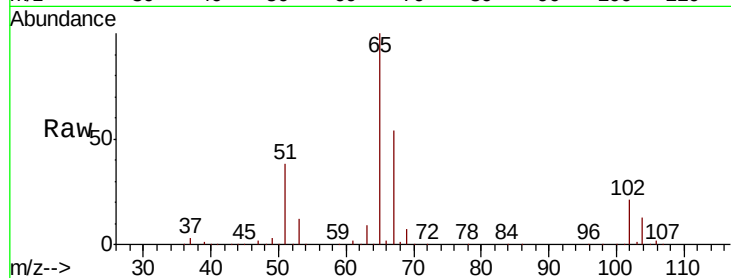




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

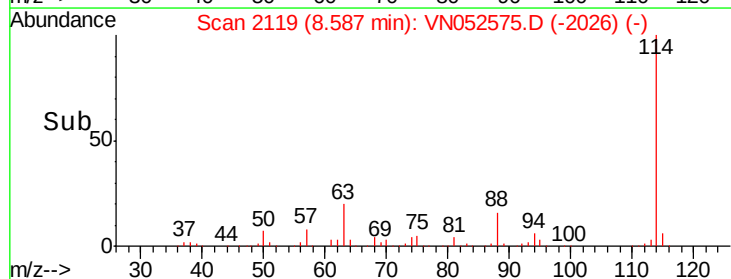
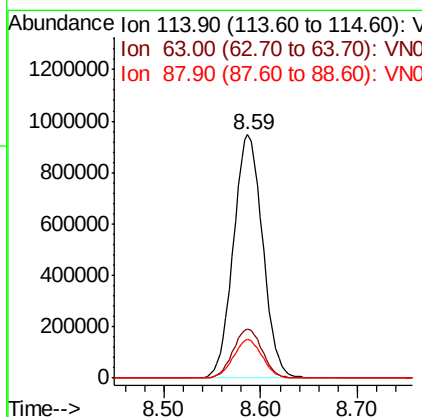
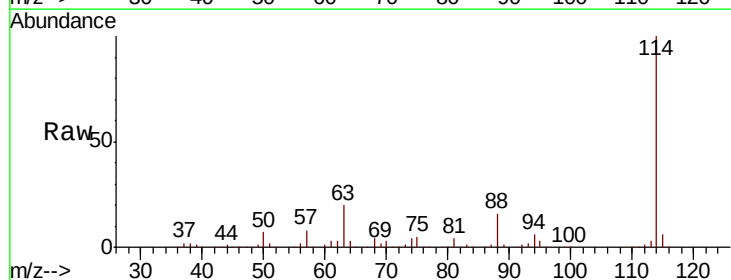
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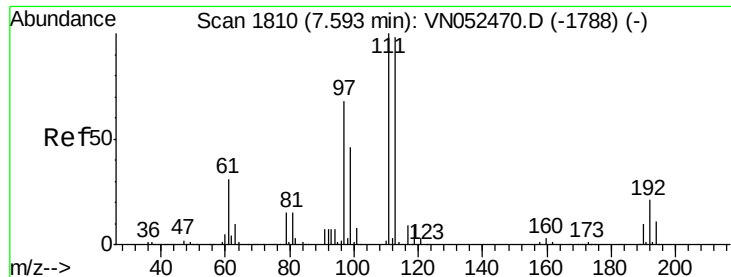
Tot Ion: 65 Resp: 668325
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Tgt Ion: 114 Resp: 1989789
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.7 0.0 31.6

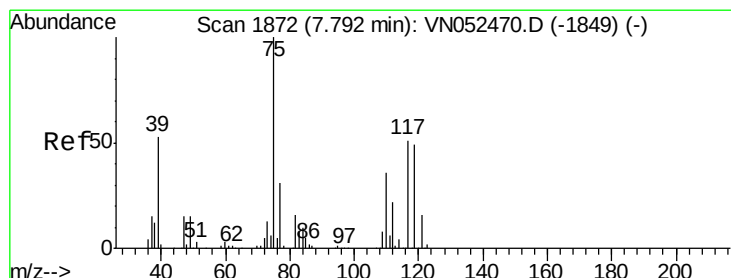
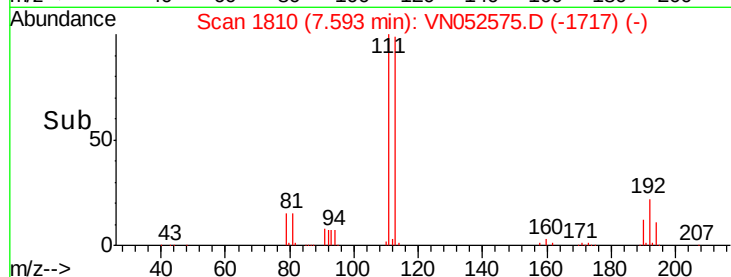
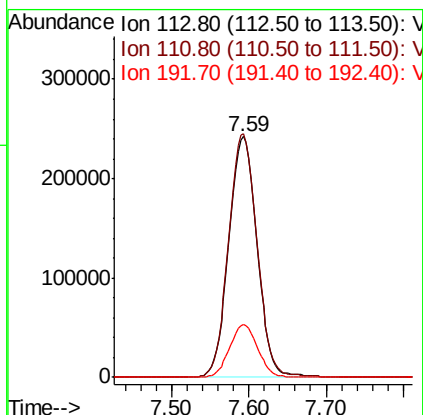
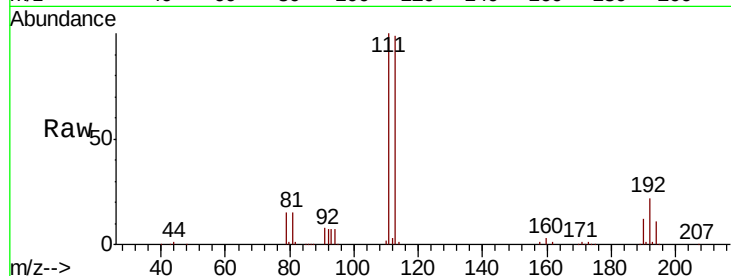




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

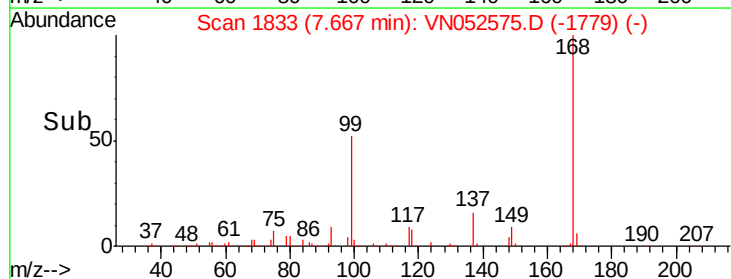
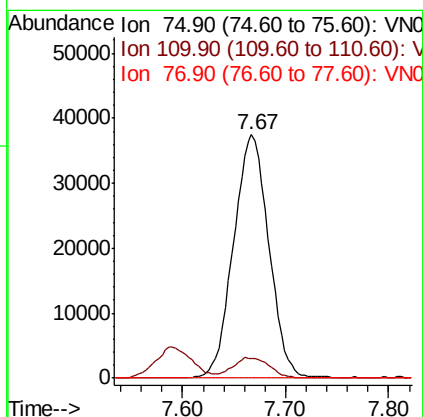
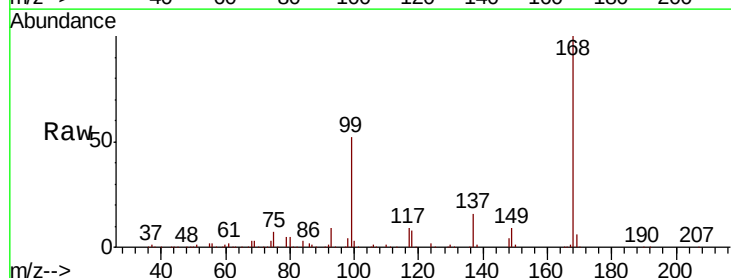
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 CL-02-112818-D

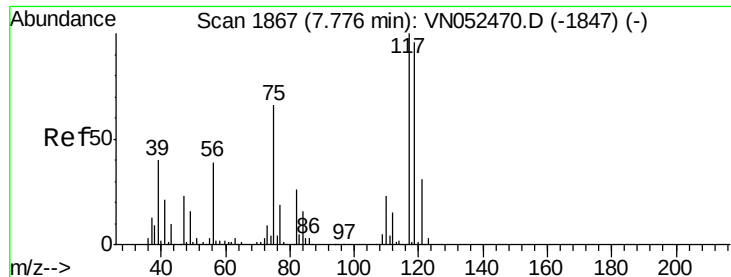
Tot Ion:113 Resp: 614432
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.752 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Tgt Ion: 75 Resp: 89287
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.5 52.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.672 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-D

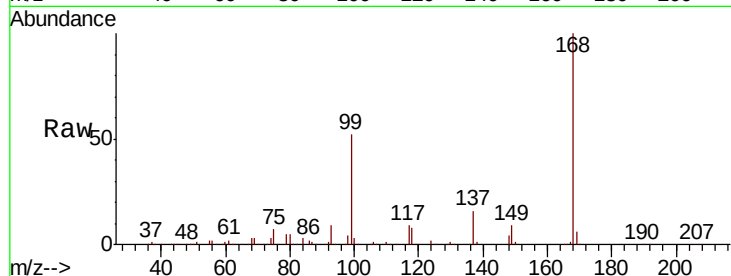
Tot Ion:117 Resp: 113496

Ion Ratio Lower Upper

117 100

119 4.7 76.8 115.2#

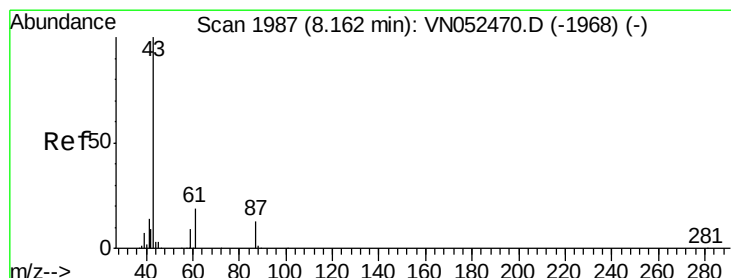
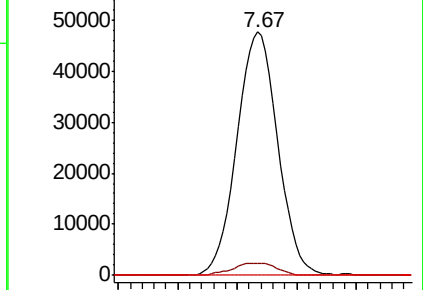
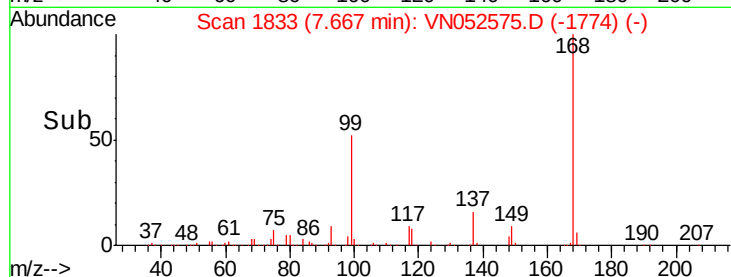
121 0.0 24.9 37.3#



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: 2.905 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

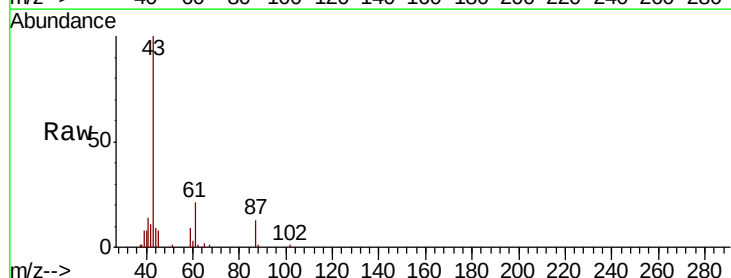
Tgt Ion: 43 Resp: 56377

Ion Ratio Lower Upper

43 100

61 16.4 24.1 36.1#

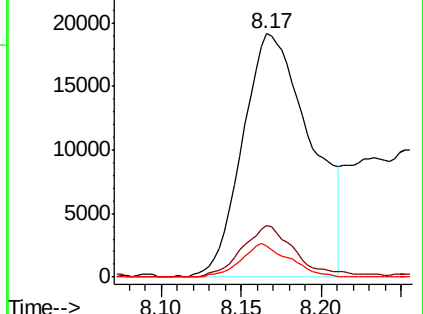
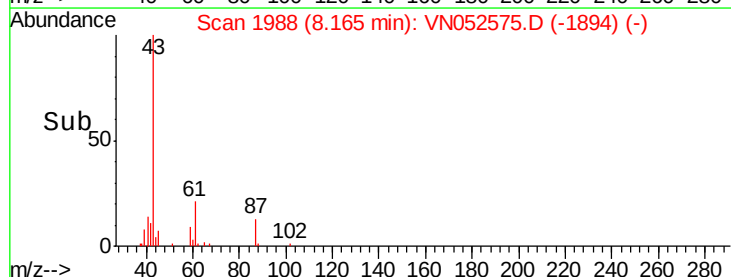
87 9.6 10.6 15.8#

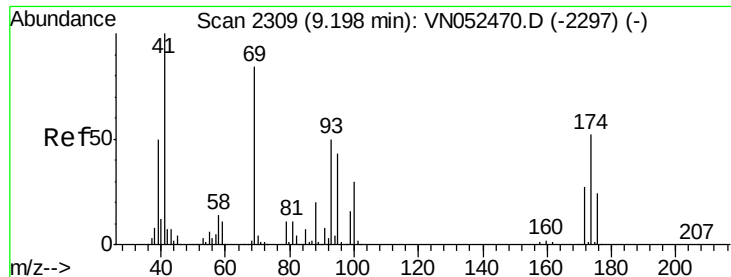


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

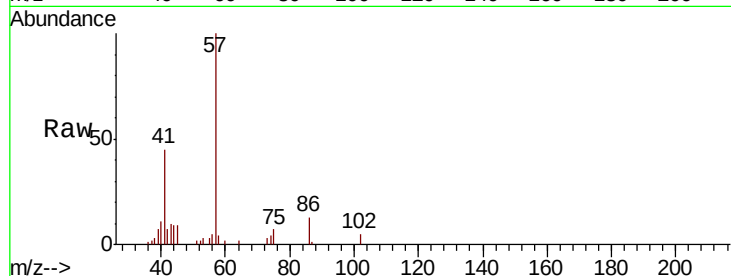




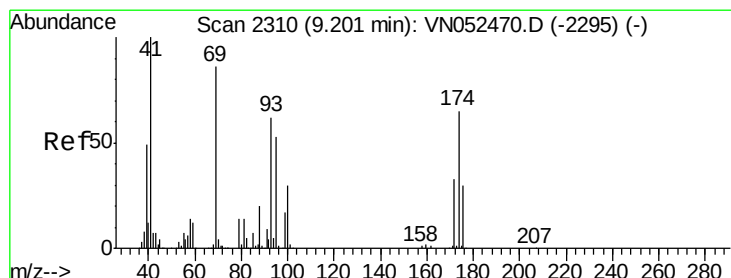
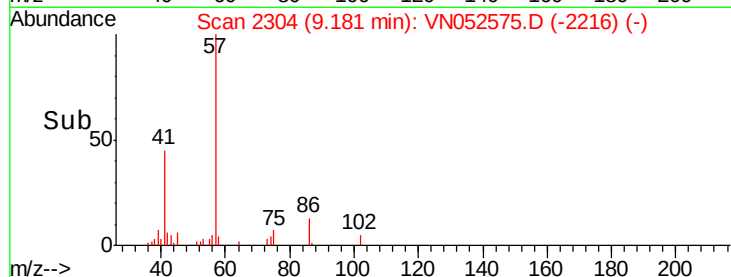
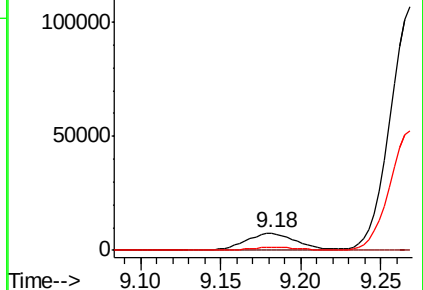
#48
Methvl methacrylate
Concen: 1.540 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-D

Tot Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.0	105.0#
39	0.0	42.6	64.0#

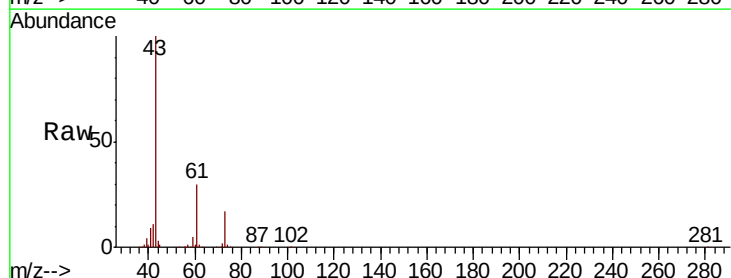


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

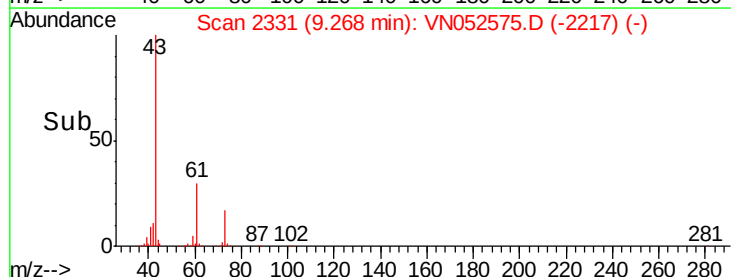
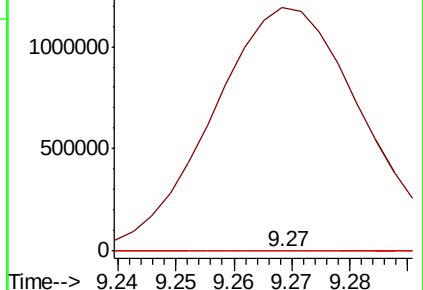


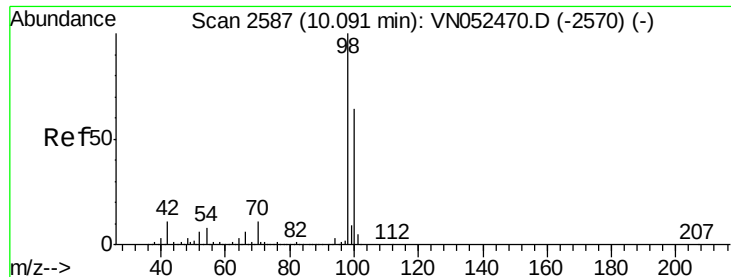
#49
1,4-Dioxane
Concen: 2.285 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
43	925279.6	26.4	39.6#
58	4071.3	55.4	83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 2.285 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

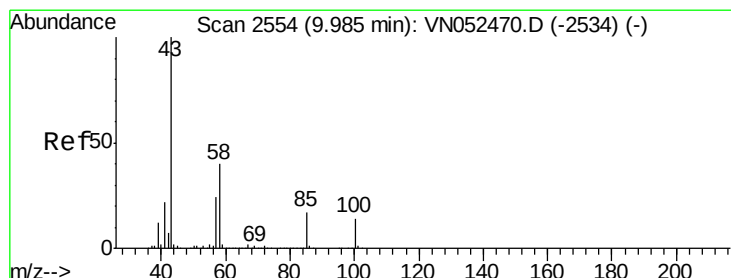
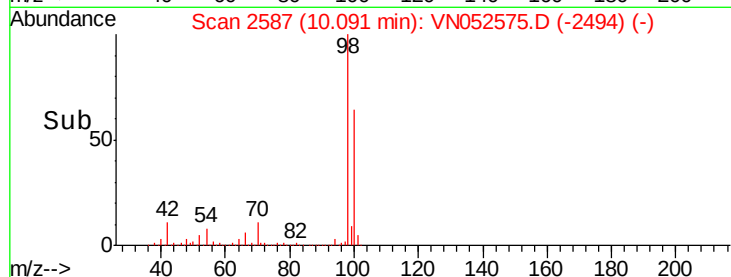
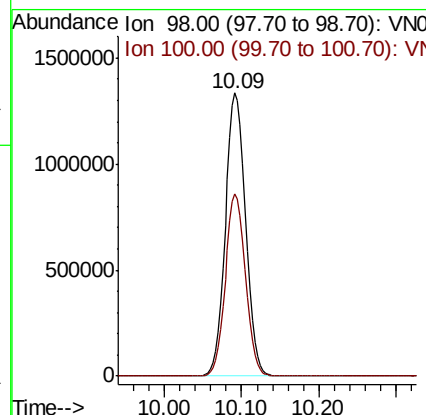
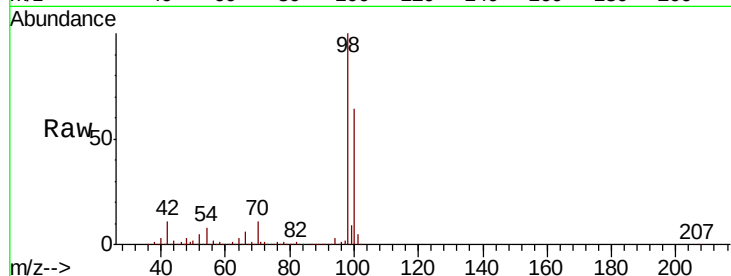
CL-02-112818-D

Tot Ion: 98 Resp: 2433391

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 0.718 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN052575.D

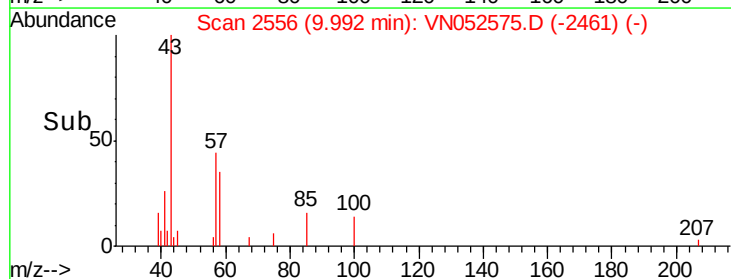
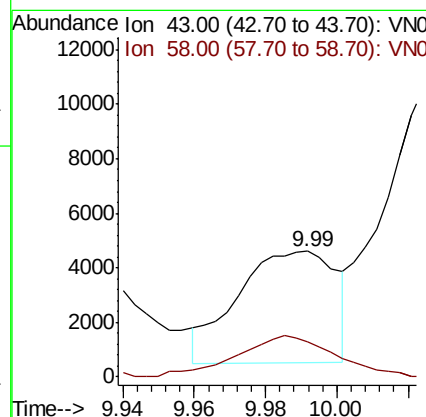
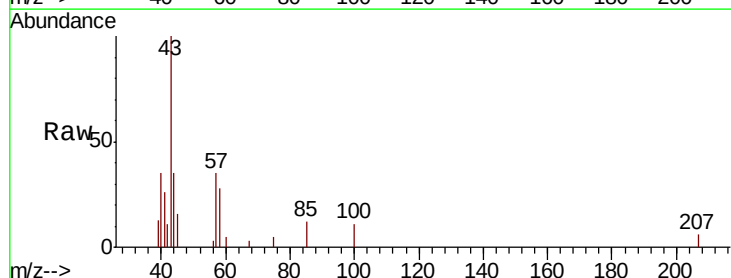
Acq: 29 Nov 2018 19:45

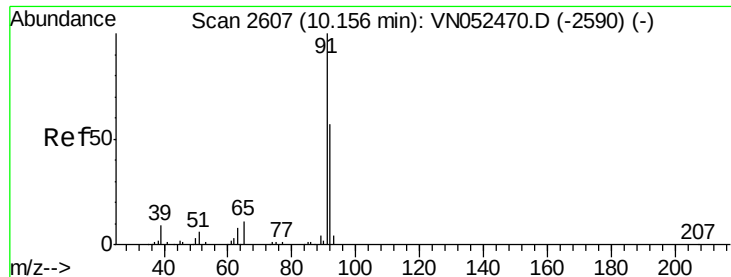
Tgt Ion: 43 Resp: 7821

Ion Ratio Lower Upper

43 100

58 36.9 31.5 47.3





#52

Toluene

Concen: 1.256 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

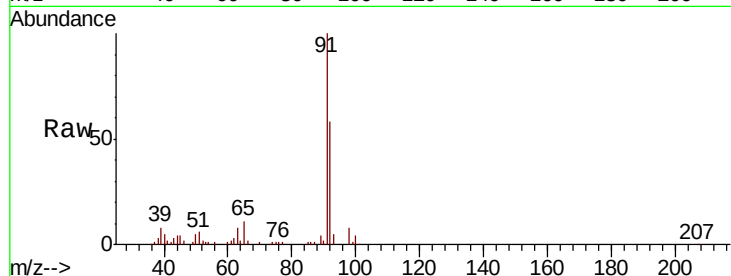
CL-02-112818-D

Tot Ion: 92 Resp: 41774

Ion Ratio Lower Upper

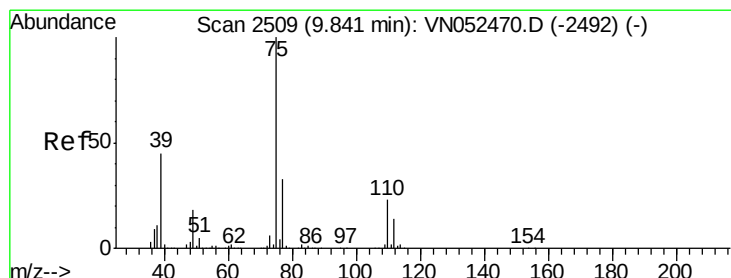
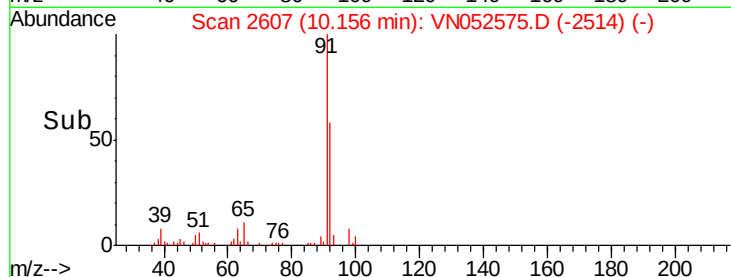
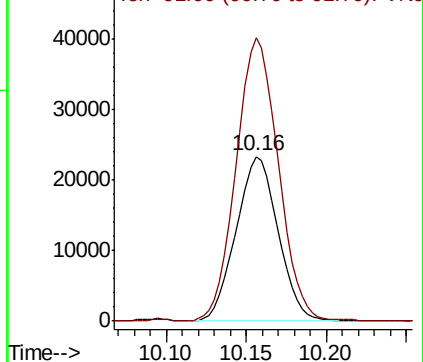
92 100

91 173.3 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.985 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

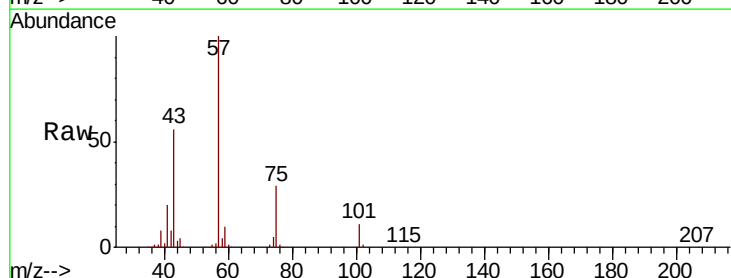
Tgt Ion: 75 Resp: 123647

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

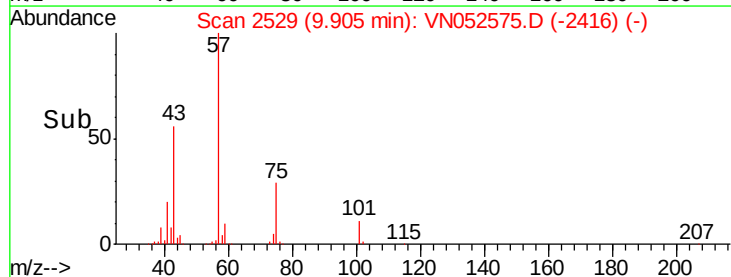
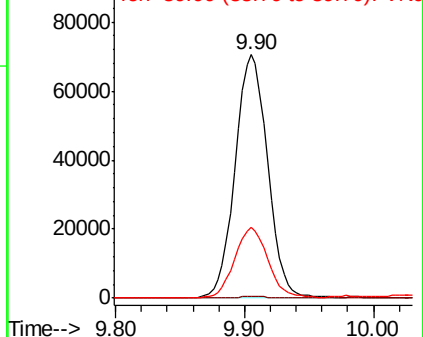
39 28.6 36.0 54.0#

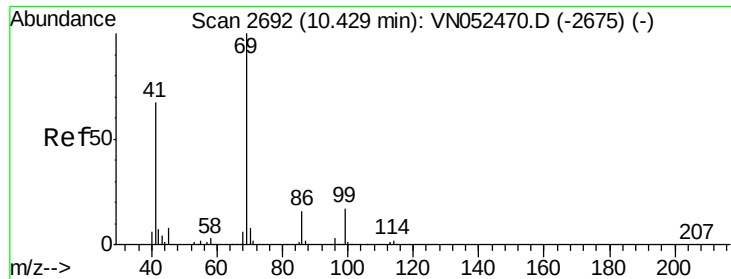


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.700 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.06 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-D

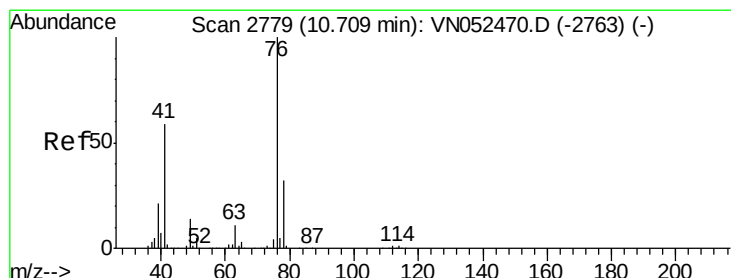
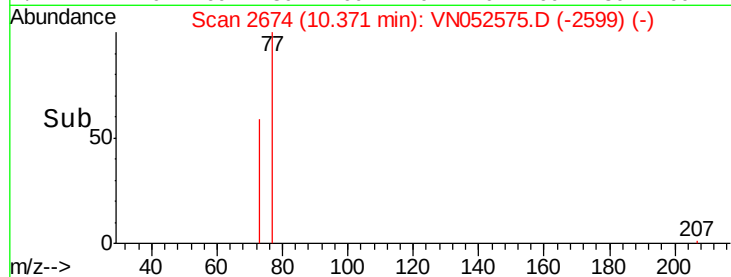
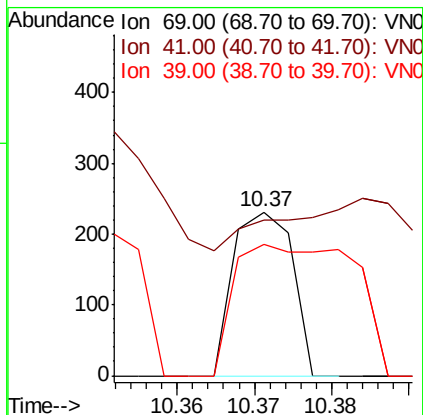
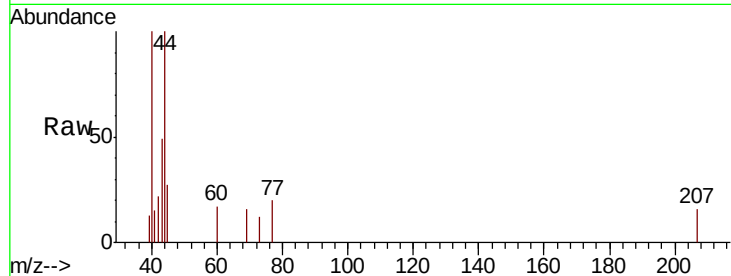
Tot Ion: 69 Resp: 123

Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

39 0.0 25.9 38.9#



#57

1,3-Dichloropropane

Concen: 1.039 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052575.D

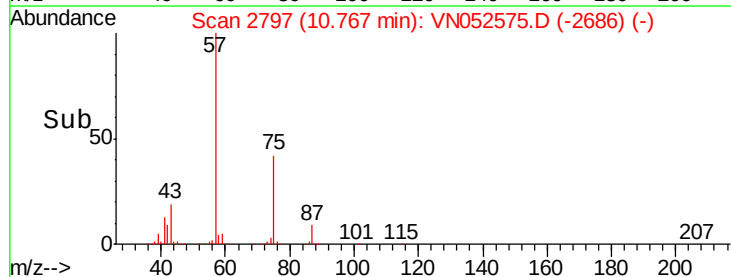
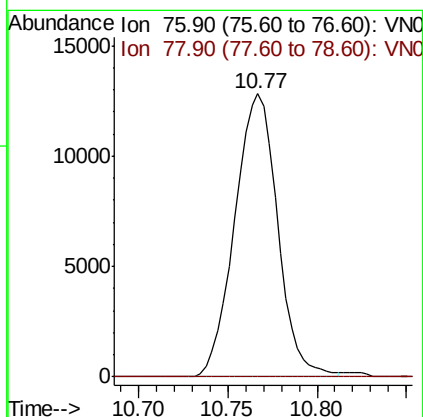
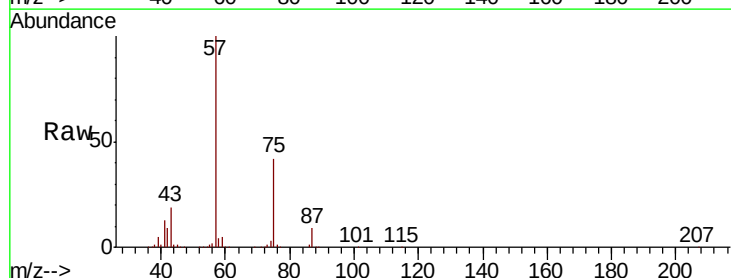
Acq: 29 Nov 2018 19:45

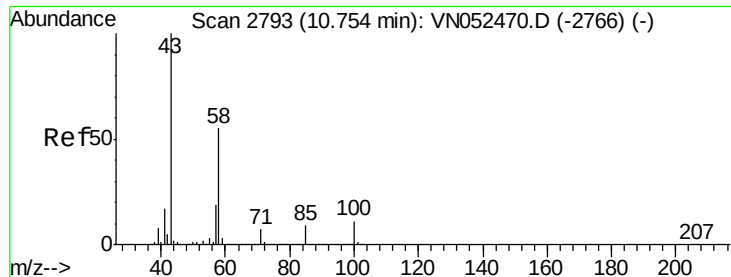
Tgt Ion: 76 Resp: 21472

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

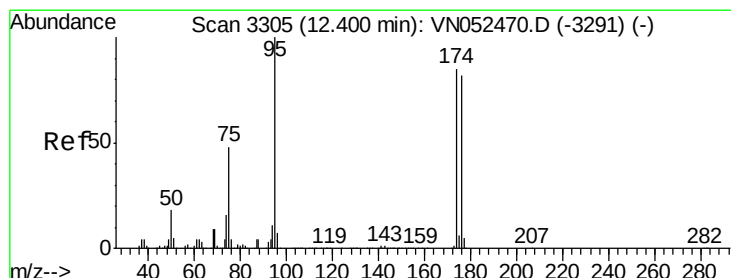
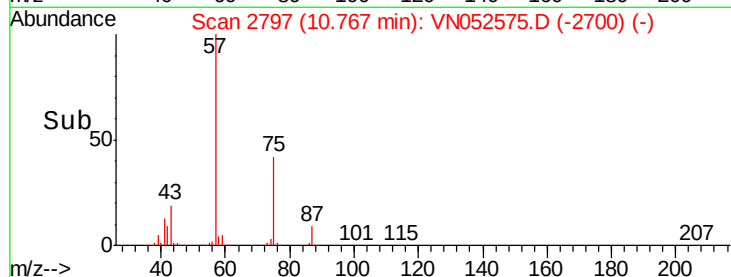
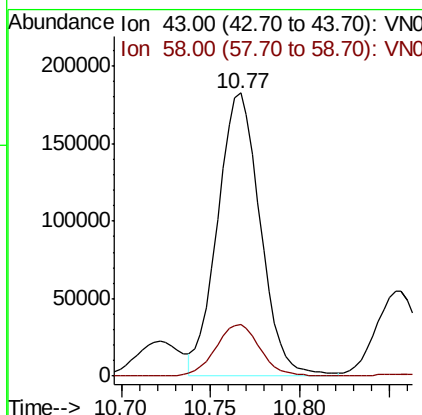
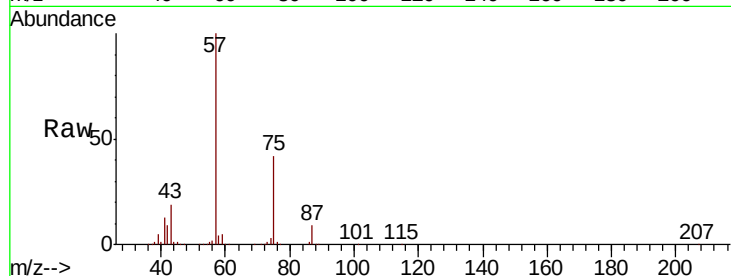




#59
2-Hexanone
Concen: 41.165 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

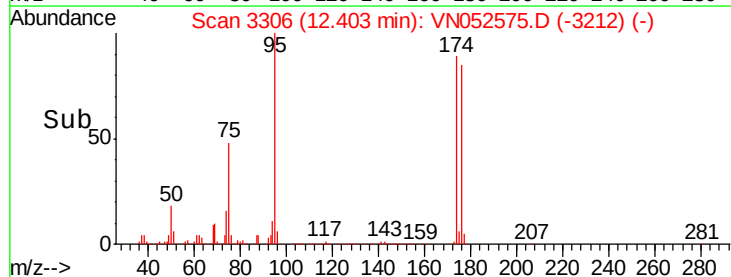
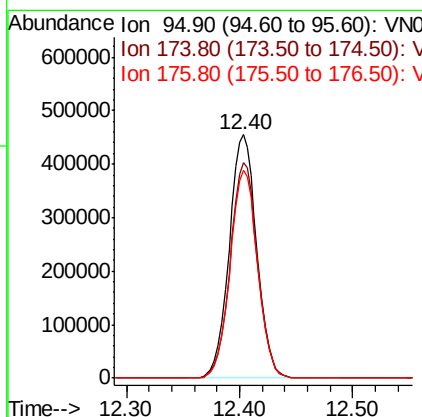
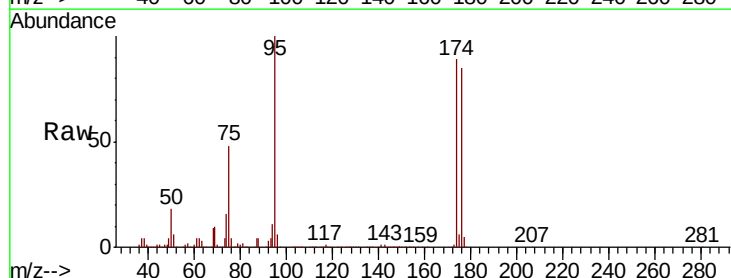
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-D

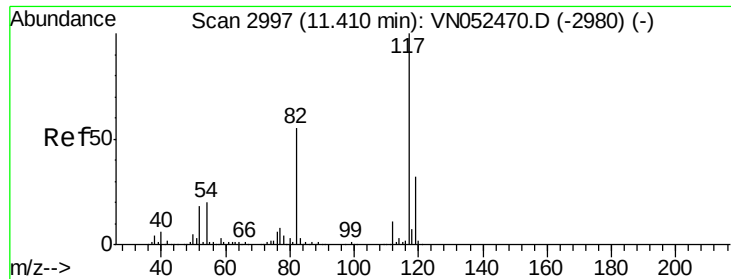
Tot Ion: 43 Resp: 300826
Ion Ratio Lower Upper
43 100
58 19.3 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion: 95 Resp: 764755
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.0
176 85.4 0.0 166.2

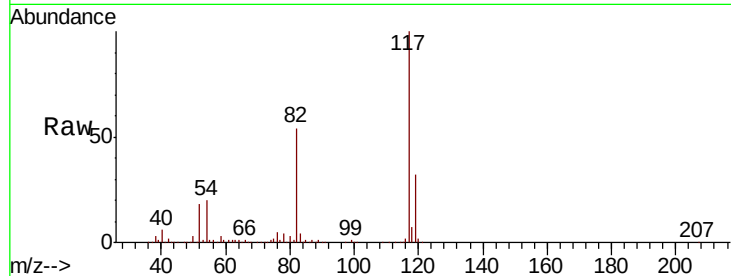




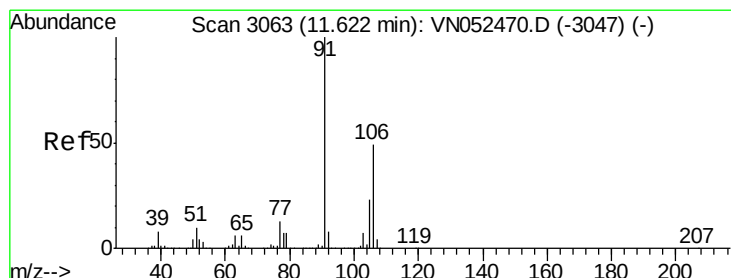
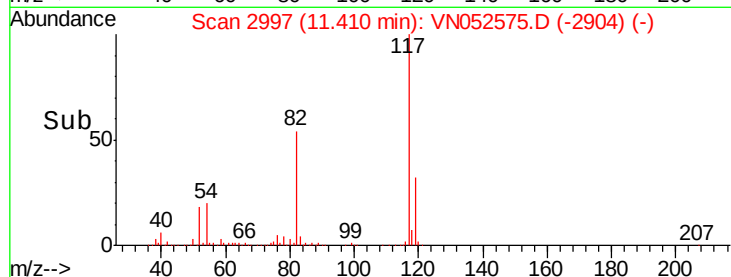
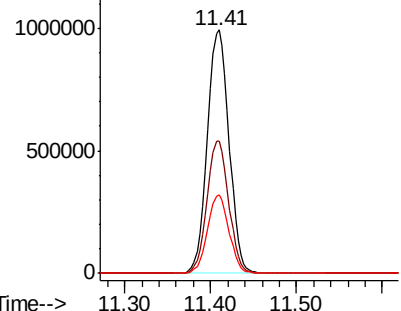
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-D

Tot Ion:117 Resp: 1742693
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 32.0 25.4 38.2

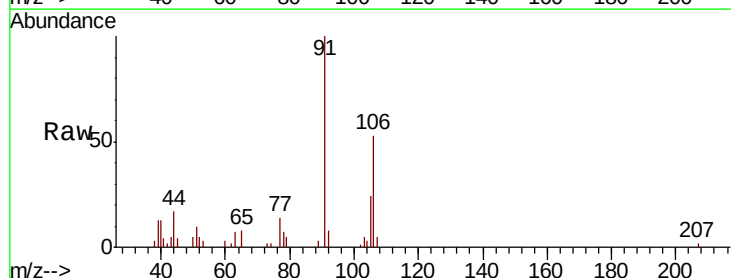


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

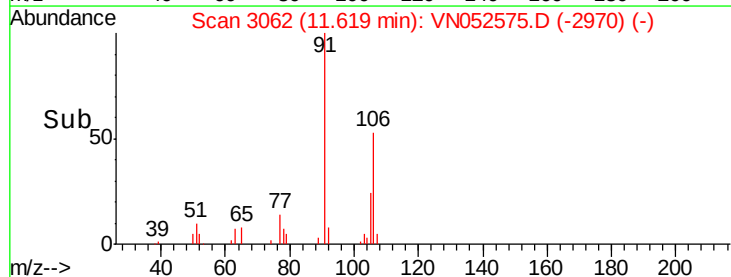
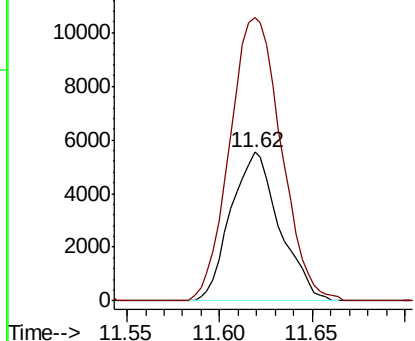


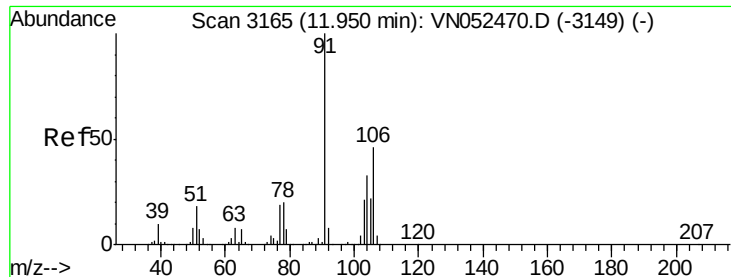
#68
m/p-Xylenes
Concen: 0.434 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion:106 Resp: 10167
Ion Ratio Lower Upper
106 100
91 200.1 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

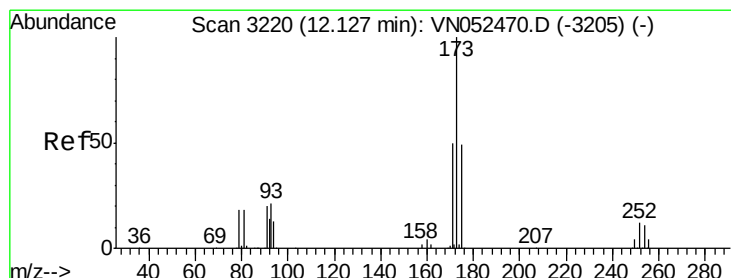
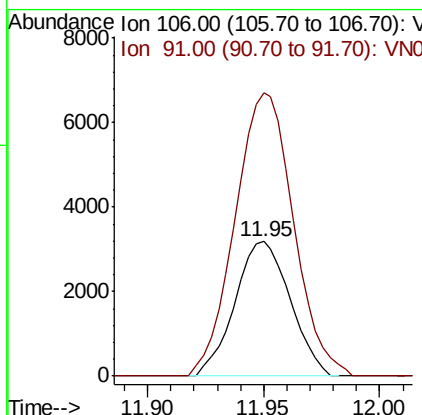
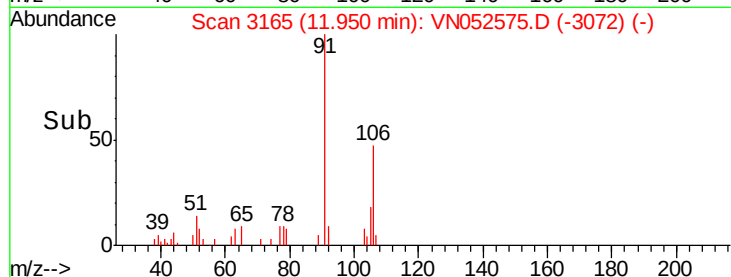
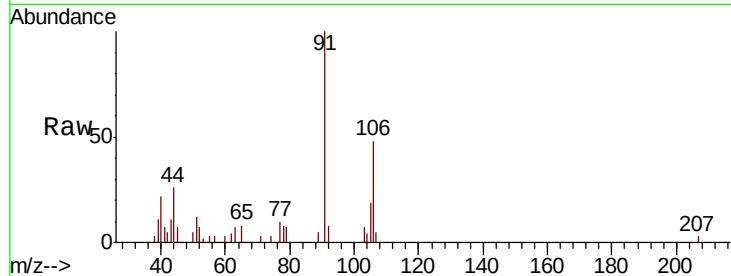




#69
o-Xylene
Concen: 0.231 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

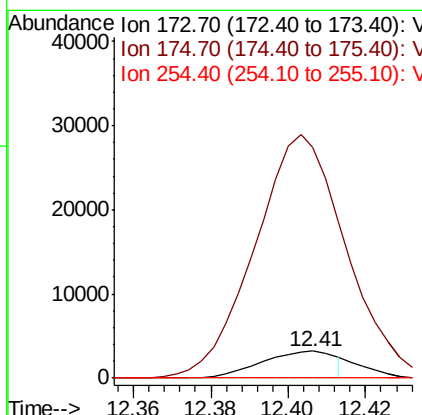
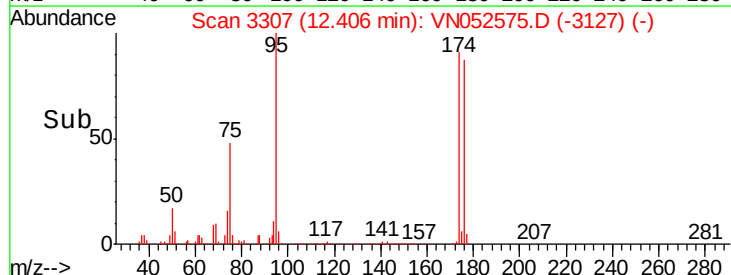
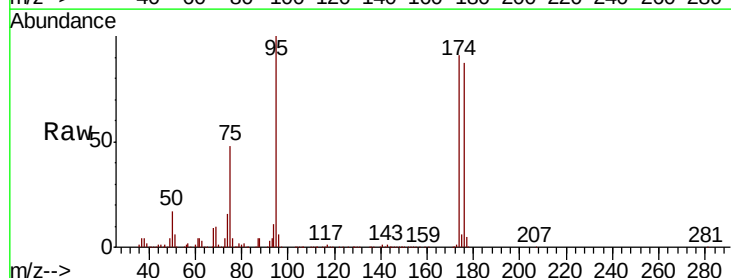
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-D

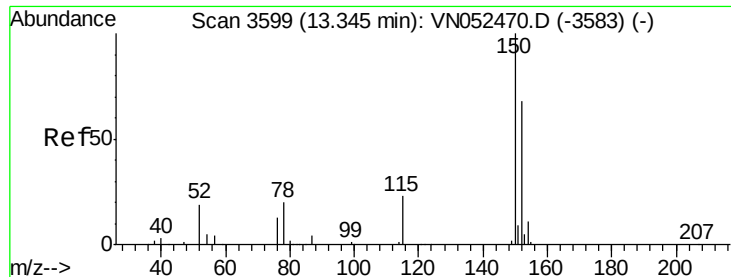
Tot Ion:106 Resp: 5259
Ion Ratio Lower Upper
106 100
91 223.1 107.7 323.1



#71
Bromoform
Concen: 0.523 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion:173 Resp: 4330
Ion Ratio Lower Upper
173 100
175 921.9 24.4 73.2#
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: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-D

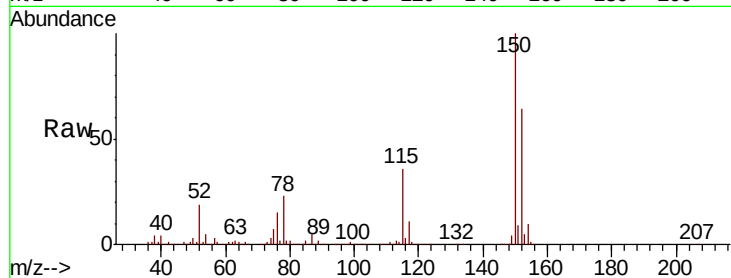
Tot Ion:152 Resp: 669622

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

150 157.0 0.0 346.0

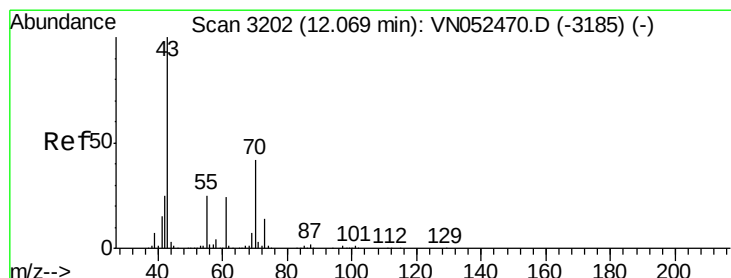
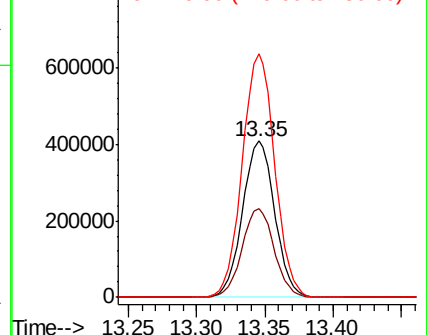
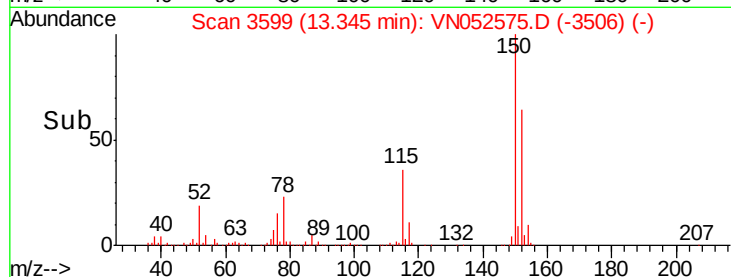


Abundance

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: 2.585 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Tgt Ion: 43 Resp: 34310

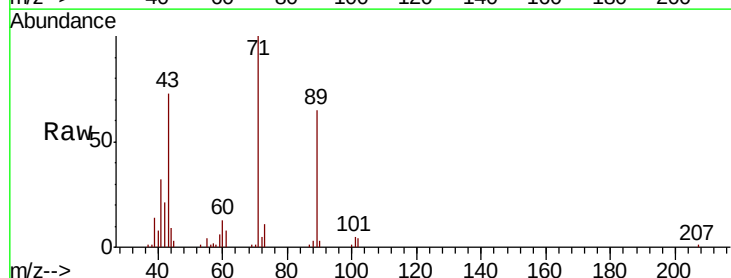
Ion Ratio Lower Upper

43 100

70 1.9 33.8 50.8#

55 4.5 20.0 30.0#

61 10.6 19.7 29.5#



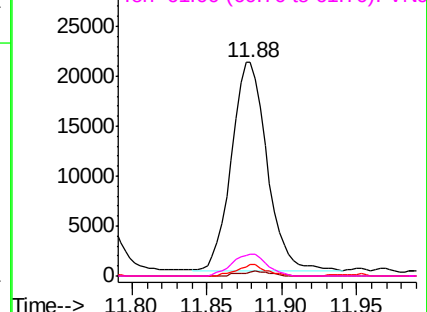
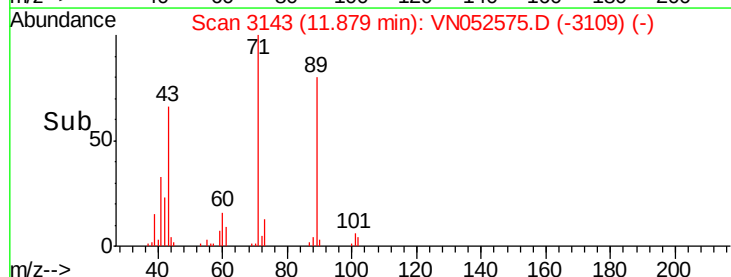
Abundance

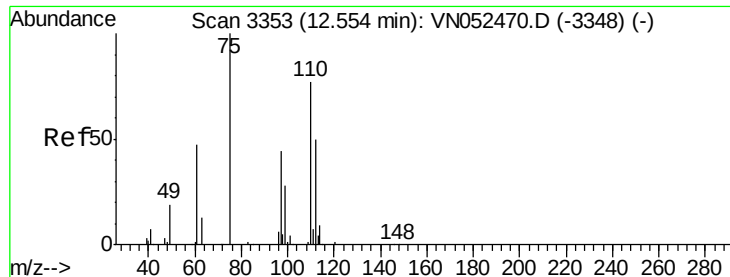
Ion 43.00 (42.70 to 43.70): V

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: 35.269 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

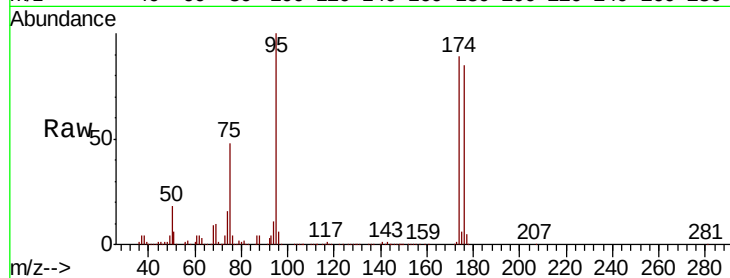
CL-02-112818-D

Tot Ion: 75 Resp: 364183

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052470.D (-3348) (-)

12.40

250000

200000

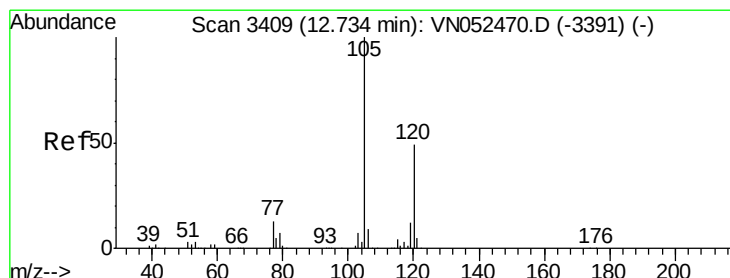
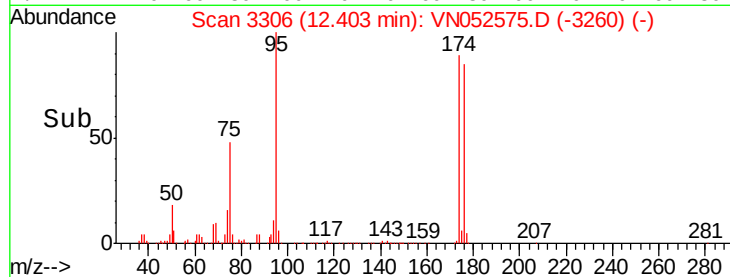
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.259 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052575.D

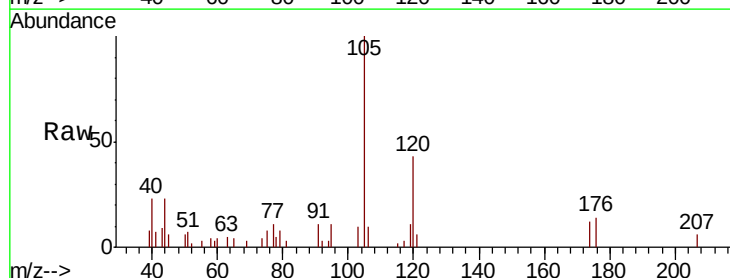
Acq: 29 Nov 2018 19:45

Tgt Ion: 105 Resp: 10871

Ion Ratio Lower Upper

105 100

120 47.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)

12.73

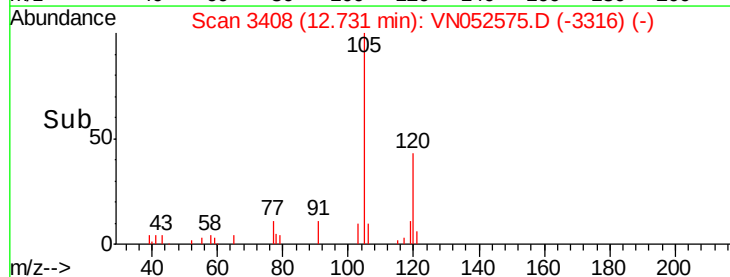
6000

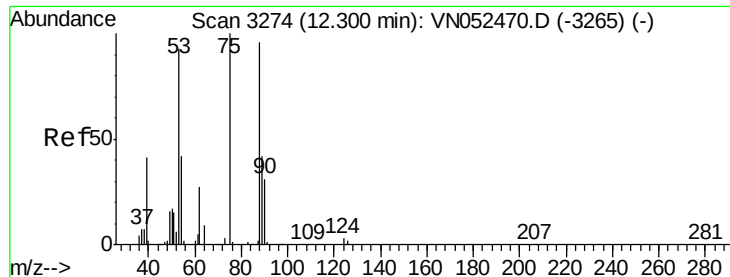
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 117.781 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-D

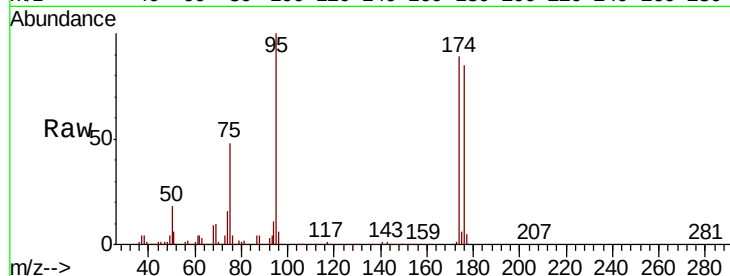
Tot Ion: 75 Resp: 364183

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

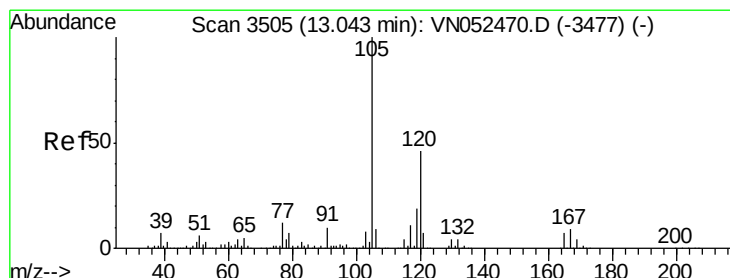
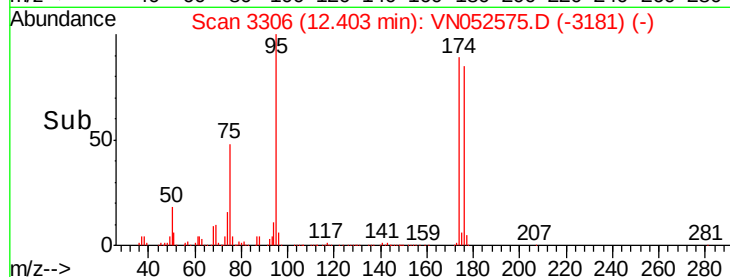
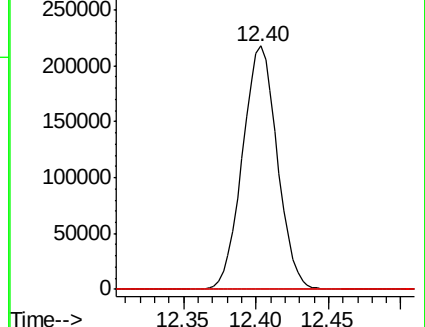
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.354 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052575.D

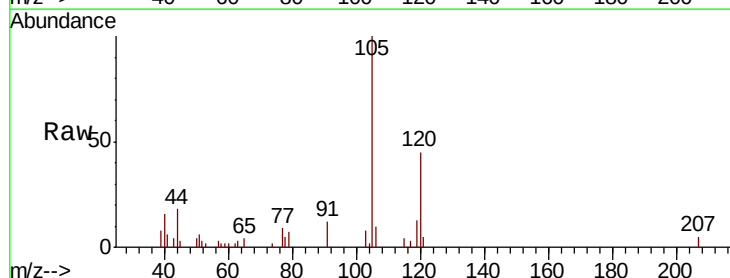
Acq: 29 Nov 2018 19:45

Tgt Ion: 105 Resp: 14868

Ion Ratio Lower Upper

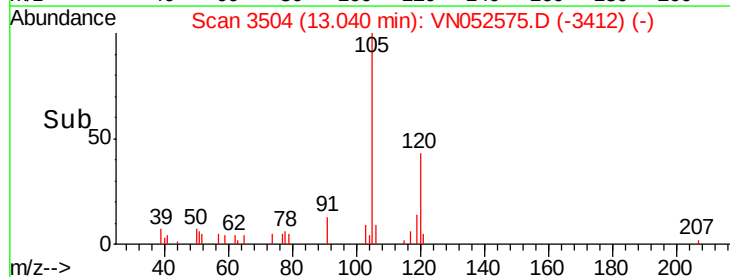
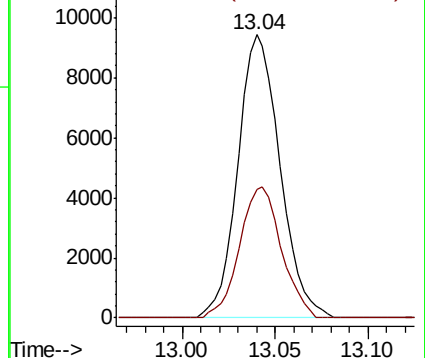
105 100

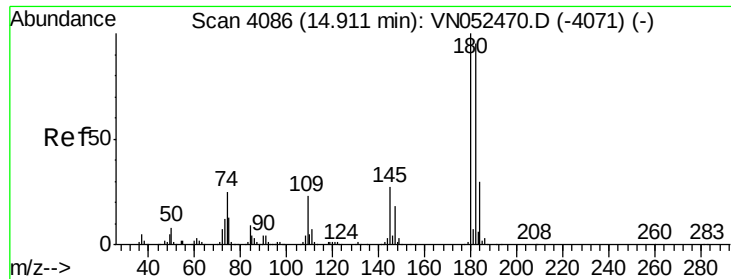
120 45.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3477) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3477) (-)

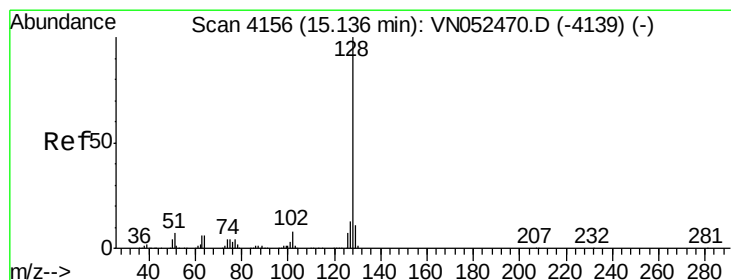
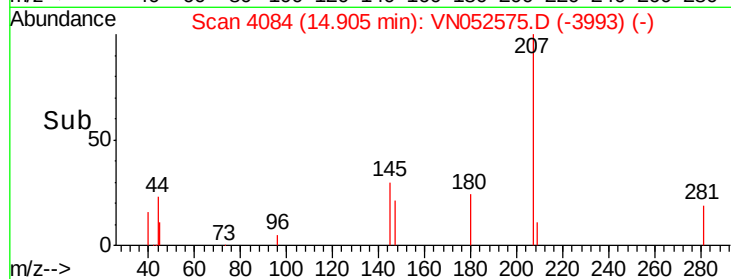
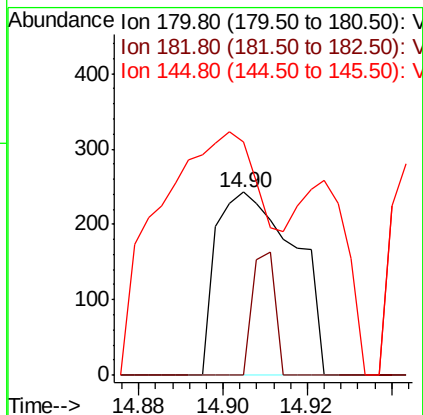
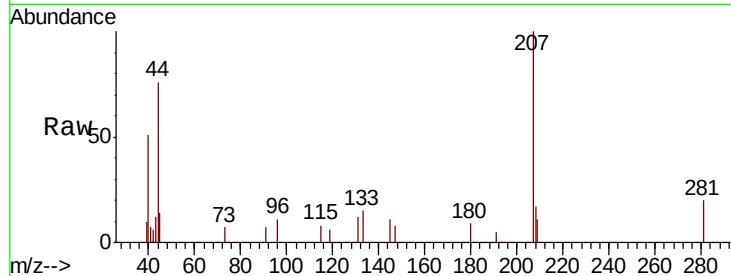




#93
 1,2,4-Trichlorobenzene
 Concen: 2.854 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-D

Tot Ion:180 Resp: 312
 Ion Ratio Lower Upper
 180 100
 182 19.6 47.8 143.4#
 145 186.9 14.1 42.3#



#95
 Naphthalene
 Concen: 4.732 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Tgt Ion:128 Resp: 35268
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.2
 129 9.6 8.7 13.1

