

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053177.D
 Acq On : 24 Dec 2018 11:40
 Operator : MD\SY
 Sample : J6426-14MEDL 10X
 Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Quant Time: Dec 24 22:26:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1180239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1827698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1733959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	791530	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	592833	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
35) Dibromofluoromethane	7.59	113	513505	61.51	ug/l	0.00
Spiked Amount			Recovery	=	123.02%	
50) Toluene-d8	10.09	98	2273924	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	836003	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	601	0.907	ug/l #	64
16) Acetone	3.82	43	2146	0.914	ug/l #	87
18) Methyl Acetate	4.33	43	2686	1.239	ug/l #	72
20) Methylene Chloride	4.55	84	6113	0.477	ug/l	92
29) Tetrahydrofuran	7.20	42	622	0.211	ug/l #	47
31) Cyclohexane	7.66	56	29125	0.362	ug/l #	2
36) 1,1-Dichloropropene	7.66	75	77553	4.421	ug/l #	49
38) Carbon Tetrachloride	7.67	117	101179	6.292	ug/l #	16
39) Methylcyclohexane	9.08	83	48978	2.298	ug/l	99
43) Isopropyl Acetate	8.16	43	2427	Below Cal	#	53
48) Methyl methacrylate	9.15	41	2054	0.216	ug/l #	31
55) 1,1,2-Trichloroethane	10.53	97	16317	1.446	ug/l #	21
56) Ethyl methacrylate	10.43	69	9817	0.657	ug/l #	74
59) 2-Hexanone	10.72	43	47421	7.390	ug/l #	28
65) Chlorobenzene	11.43	112	161679	4.206	ug/l	100
67) Ethyl Benzene	11.62	91	724425	10.959	ug/l #	66
68) m/p-Xylenes	11.62	106	357168	14.213	ug/l	100
71) Bromoform	12.40	173	6472	0.670	ug/l #	1
73) Isopropylbenzene	12.25	105	125753	2.031	ug/l	100
74) N-amyl acetate	12.04	43	48103	2.798	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.56	83	14262	1.174	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	481307	36.122	ug/l #	100
78) n-propylbenzene	12.59	91	256502	3.637	ug/l	99
79) 2-Chlorotoluene	12.73	91	19896	0.455	ug/l #	51
80) 1,3,5-Trimethylbenzene	12.73	105	193566	3.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	481307	116.425	ug/l #	16
82) 4-Chlorotoluene	12.73	91	19896	0.465	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.04	105	1096956	21.617	ug/l	99
85) sec-Butylbenzene	13.17	105	41102	0.681	ug/l #	67
86) p-Isopropyltoluene	13.29	119	52955	1.015	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	584289	20.507	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	584289	20.250	ug/l	97
89) n-Butylbenzene	13.61	91	55618	1.239	ug/l #	77
90) Hexachloroethane	13.89	117	20700	2.585	ug/l #	6

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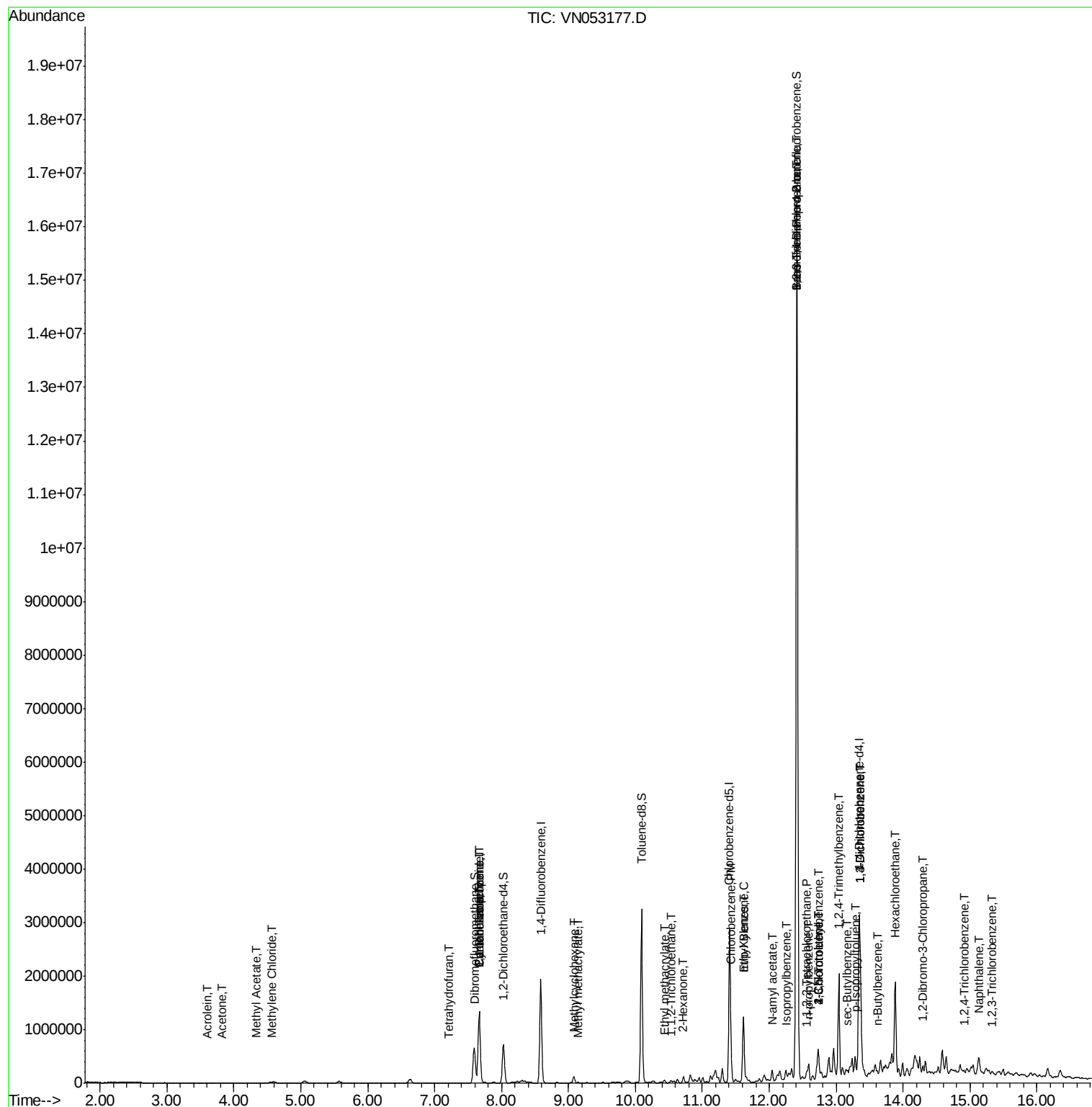
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.29	75	875	0.417	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	9863	1.282	ug/l #	28
94) Hexachlorobutadiene	15.01	225	6937	Below Cal		92
95) Naphthalene	15.13	128	252231	9.066	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	12939	1.509	ug/l #	44

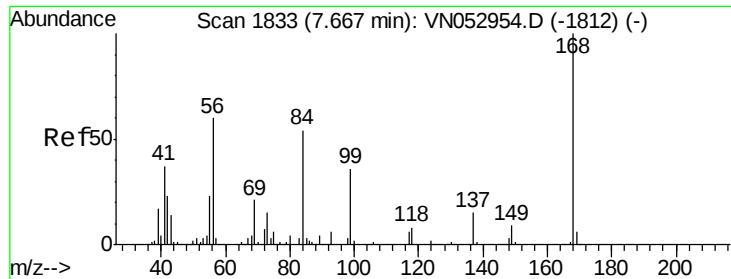
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

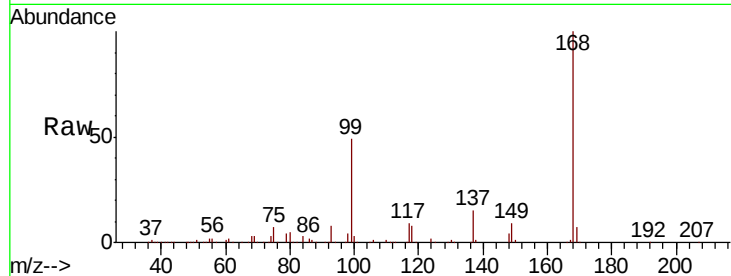
P001-SS013B-4248-01MEDL

Tot Ion:168 Resp: 1180239

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053177.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053177.D (-1740) (-)

7.67

500000

400000

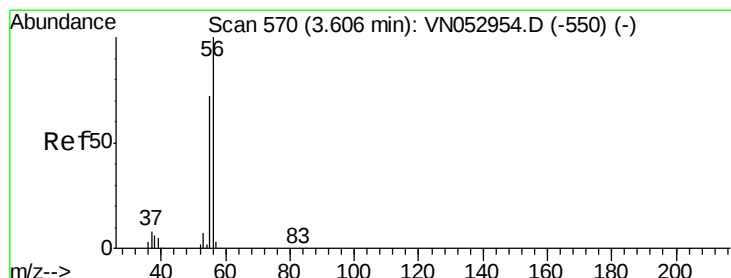
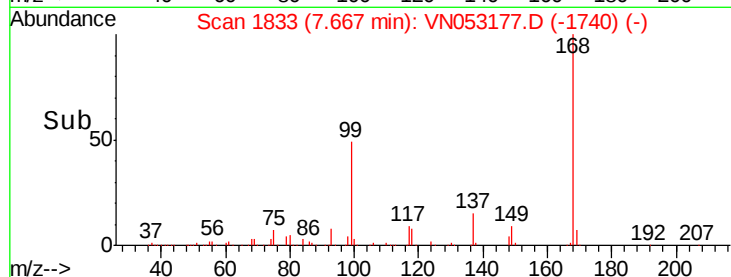
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.907 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN053177.D

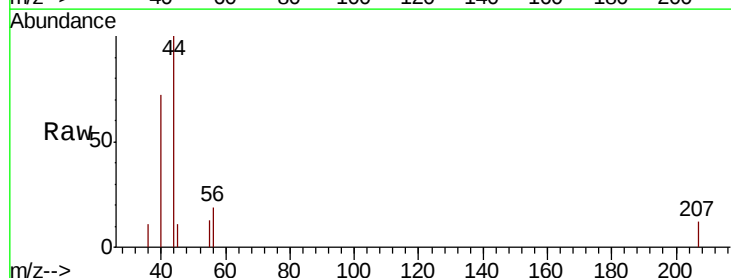
Acq: 24 Dec 2018 11:40

Tgt Ion: 56 Resp: 601

Ion Ratio Lower Upper

56 100

55 40.8 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053177.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053177.D (-477) (-)

3.60

300

250

200

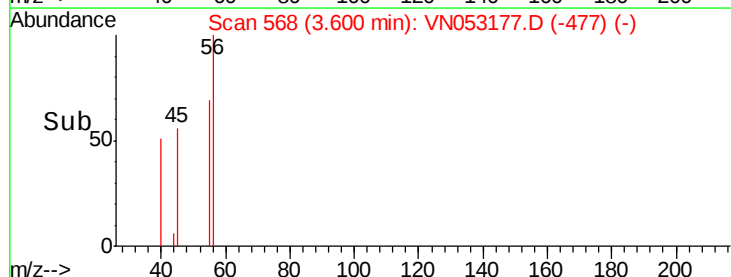
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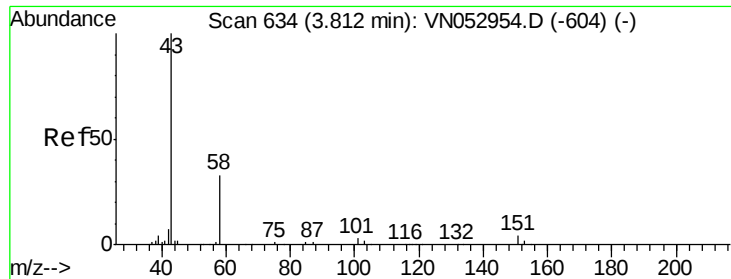
100

50

0

Time-->





#16

Acetone

Concen: 0.914 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

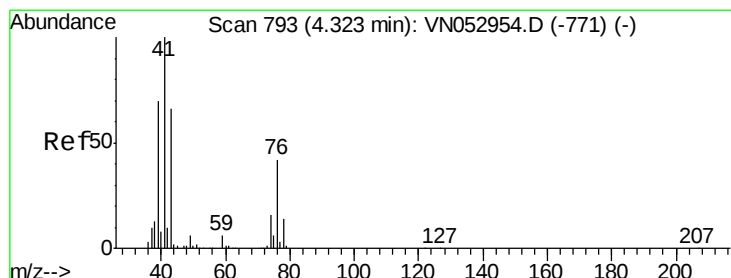
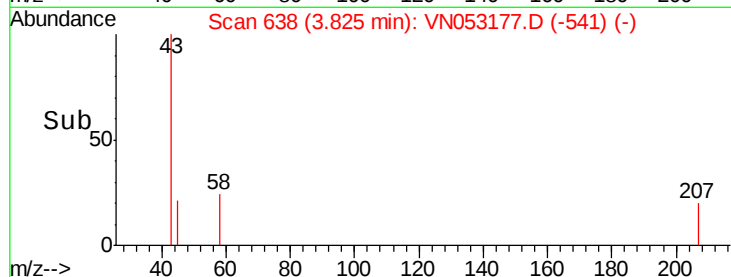
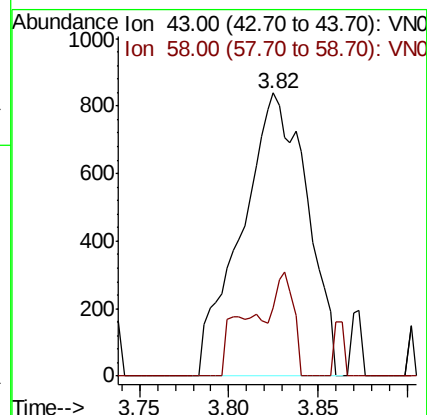
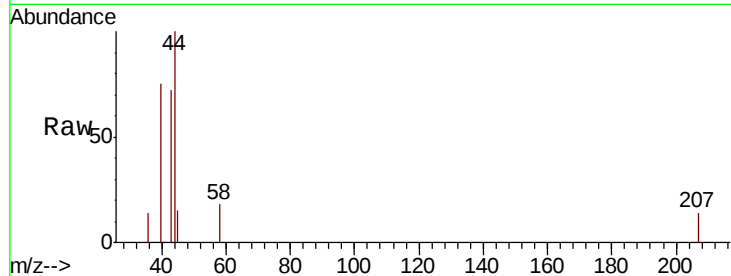
P001-SS013B-4248-01MEDL

Tot Ion: 43 Resp: 2146

Ion Ratio Lower Upper

43 100

58 24.3 25.4 38.0#



#18

Methyl Acetate

Concen: 1.239 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053177.D

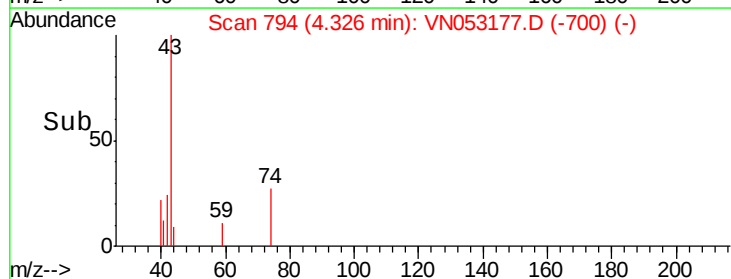
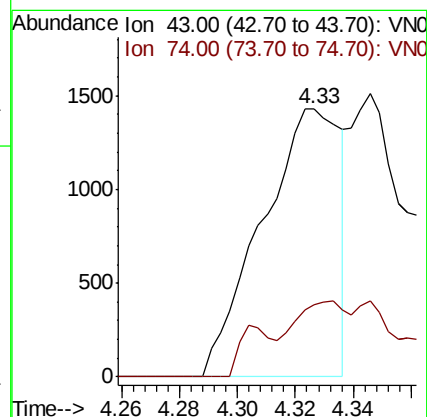
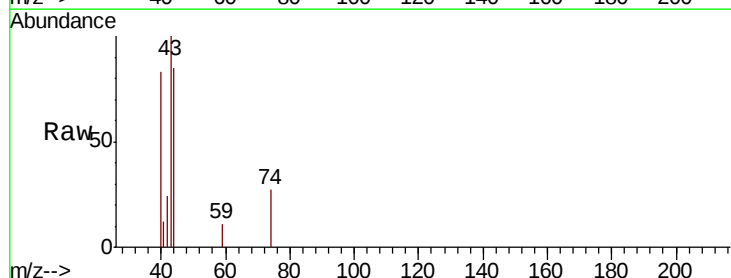
Acq: 24 Dec 2018 11:40

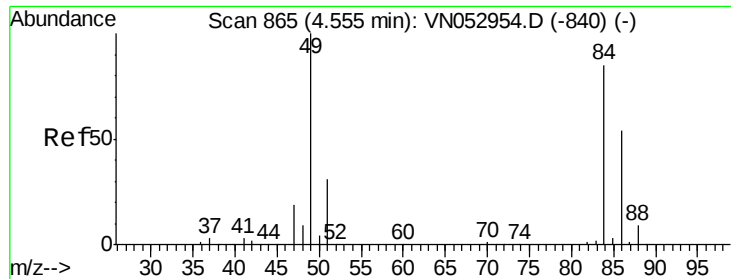
Tgt Ion: 43 Resp: 2686

Ion Ratio Lower Upper

43 100

74 10.3 19.2 28.8#

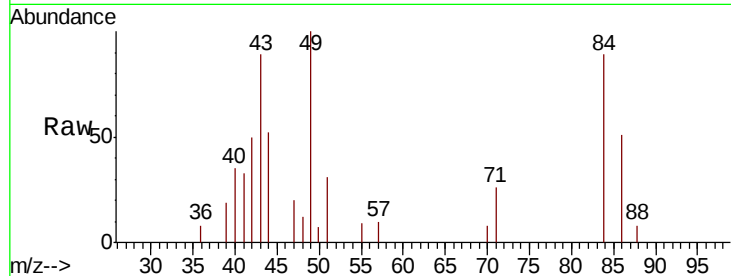




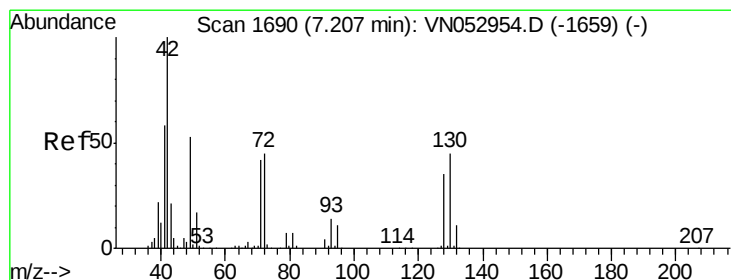
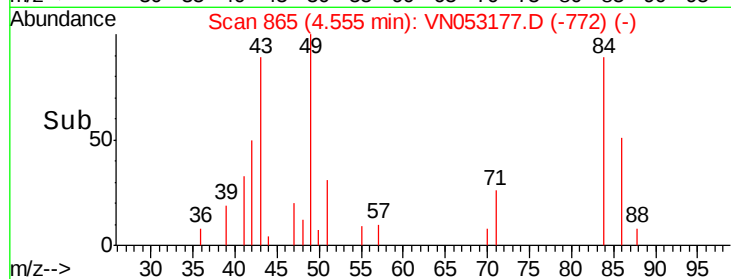
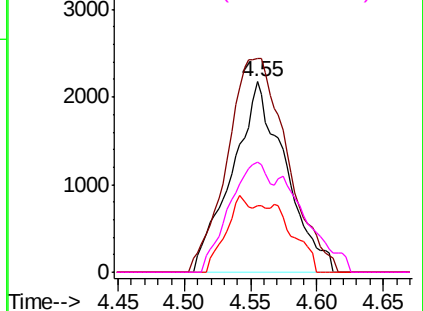
#20
Methvlene Chloride
Concen: 0.477 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion:	84	Resp:	6113
Ion	Ratio	Lower	Upper
84	100		
49	112.3	96.8	145.2
51	35.0	29.9	44.9
86	57.6	51.8	77.6

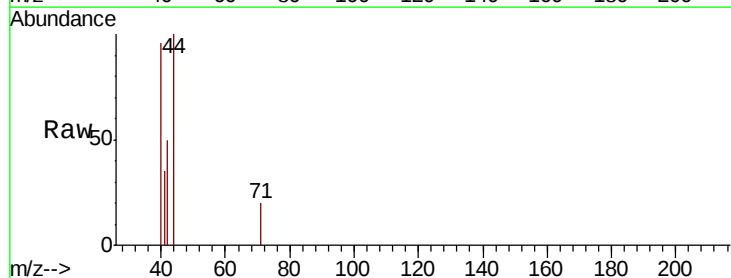


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

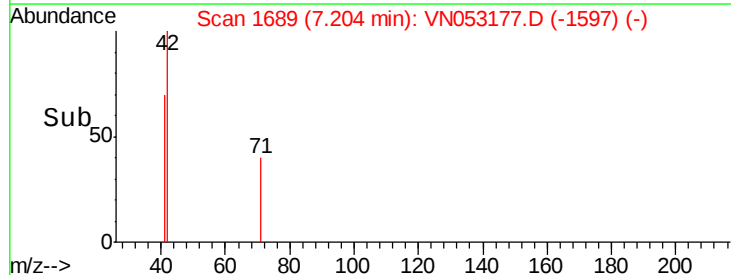
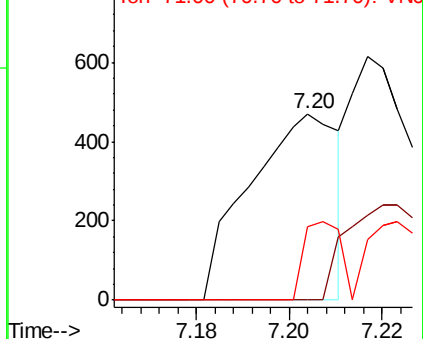


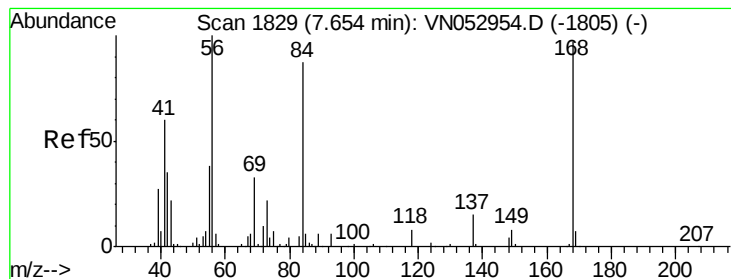
#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion:	42	Resp:	622
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.7	52.1#
71	17.5	32.3	48.5#



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC





#31

Cyclohexane

Concen: 0.362 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

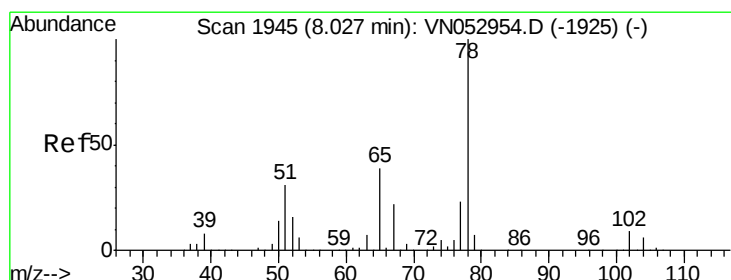
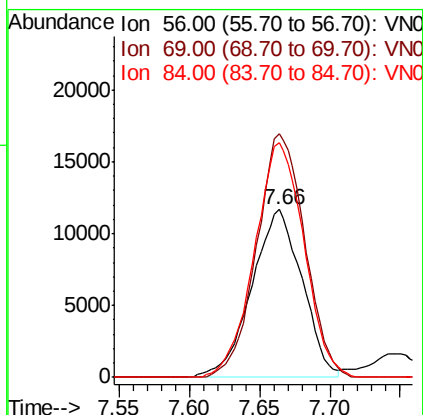
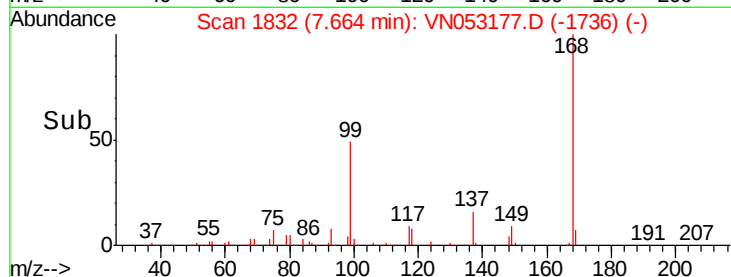
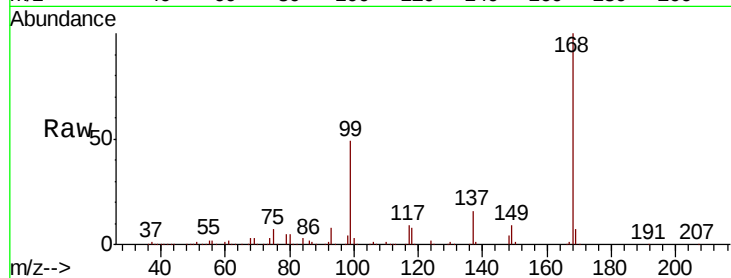
Tot Ion: 56 Resp: 29125

Ion Ratio Lower Upper

56 100

69 145.3 26.6 39.8#

84 139.9 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053177.D

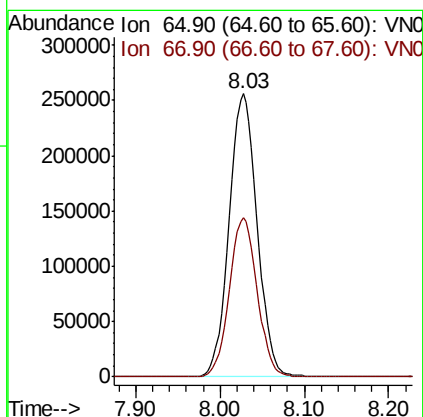
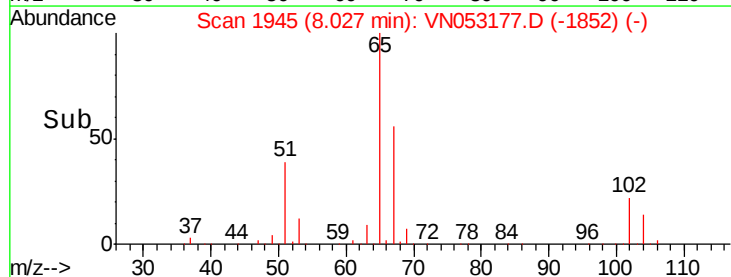
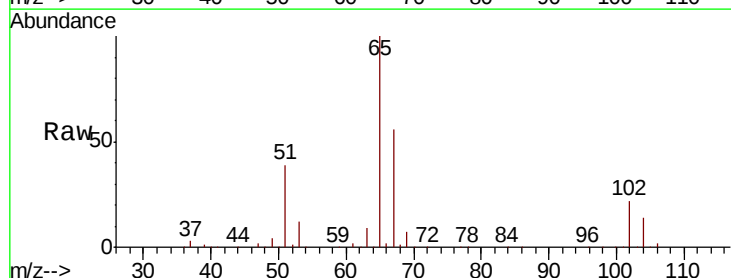
Acq: 24 Dec 2018 11:40

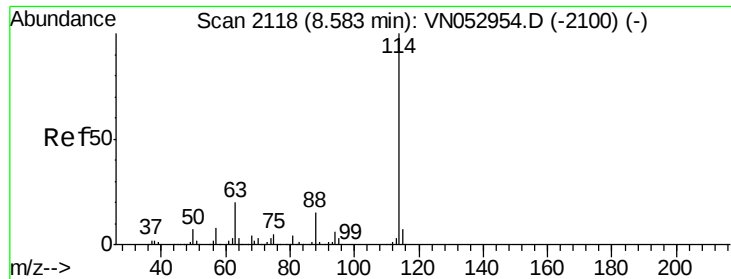
Tgt Ion: 65 Resp: 592833

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

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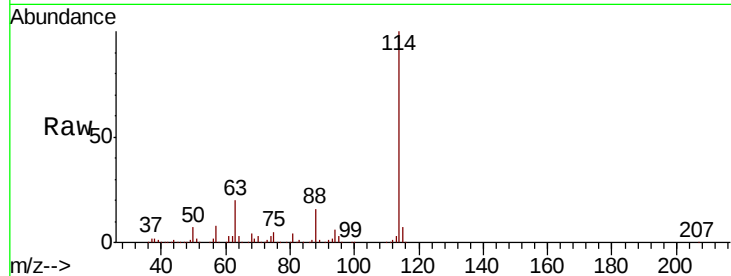
Tot Ion:114 Resp: 1827698

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

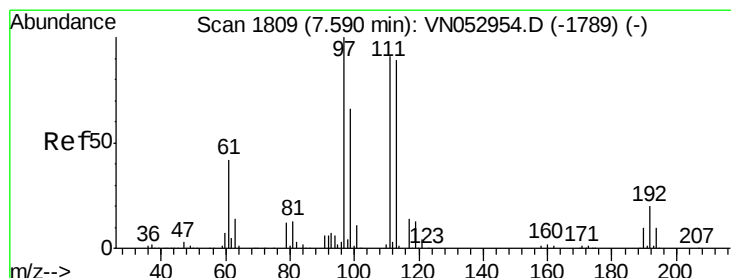
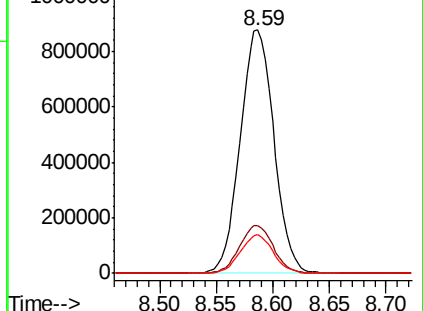
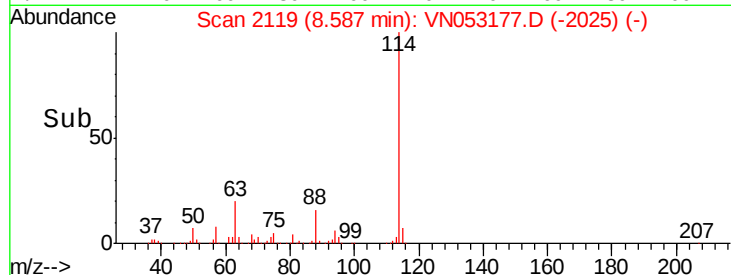
88 15.7 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

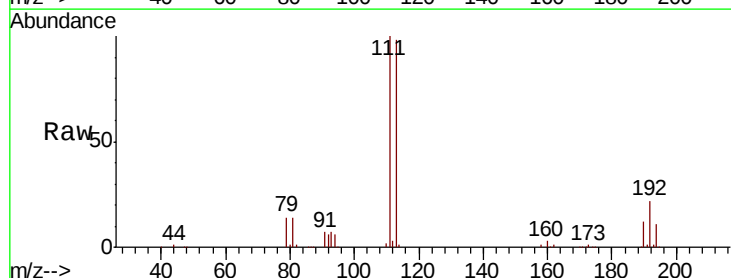
Tgt Ion:113 Resp: 513505

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.4

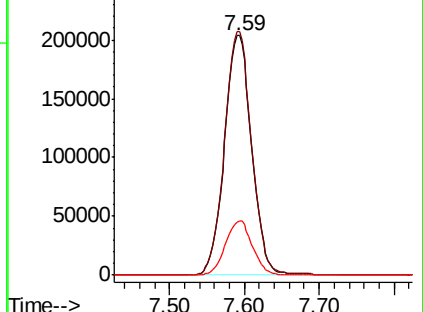
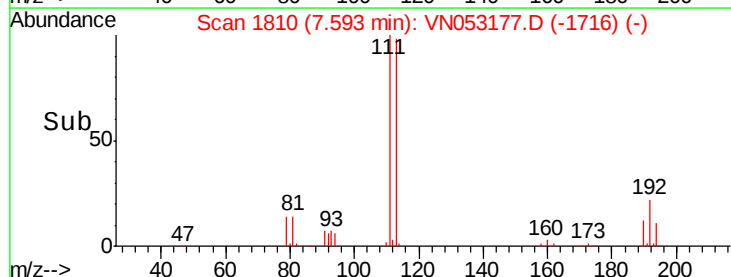
192 22.4 17.5 26.3

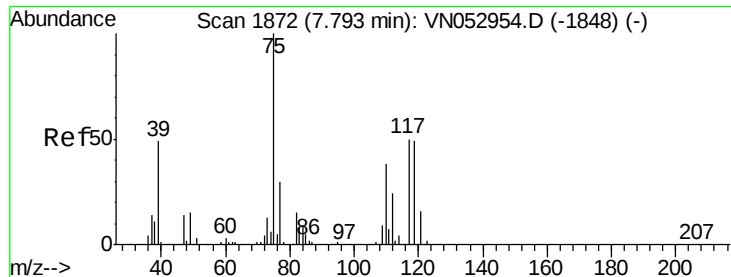


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

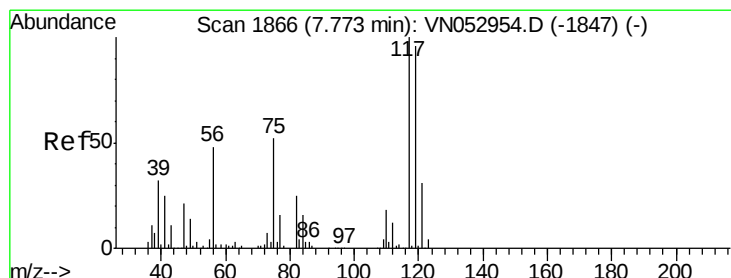
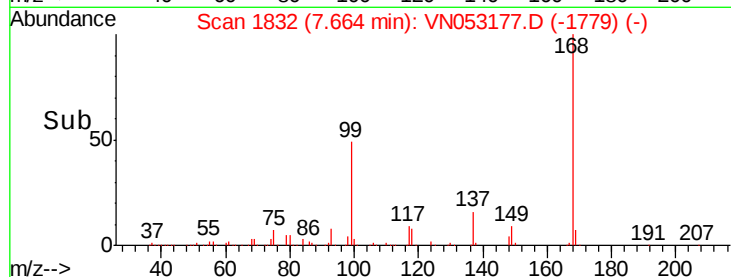
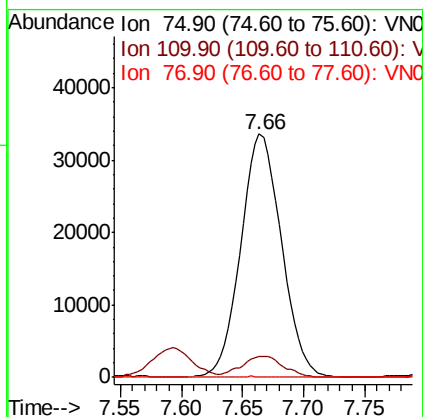
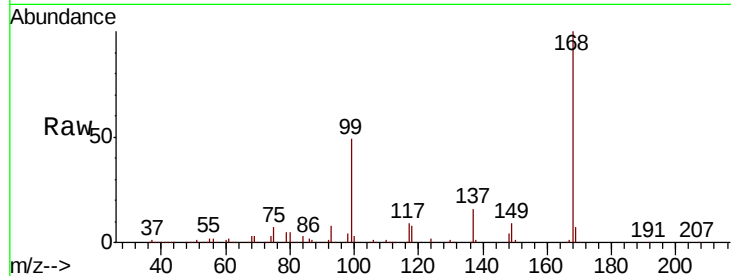




#36
 1,1-Dichloropropene
 Concen: 4.421 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

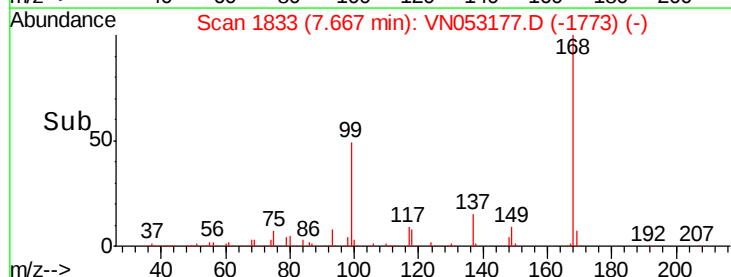
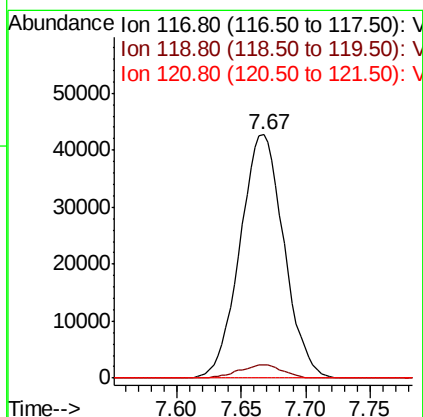
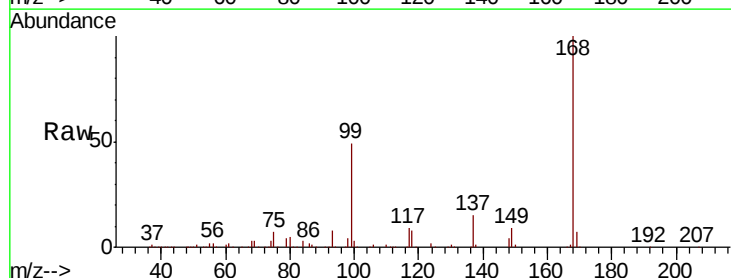
Instrument :
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 ClientSampleId :
 P001-SS013B-4248-01MEDL

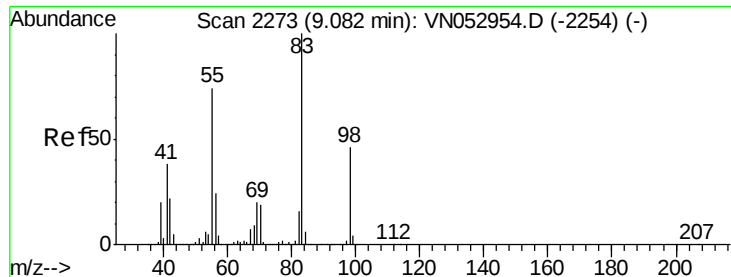
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.292 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	24.9	37.3#

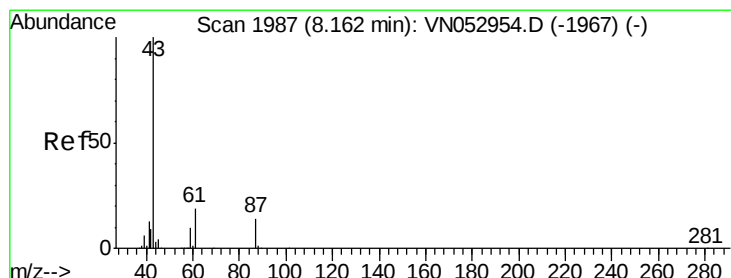
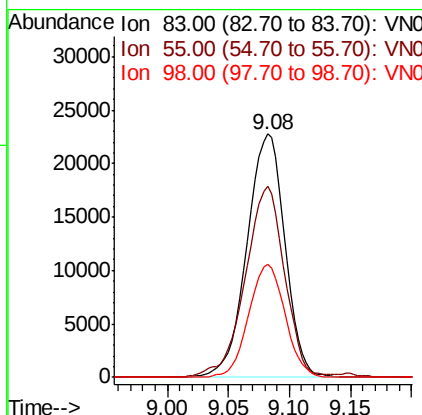
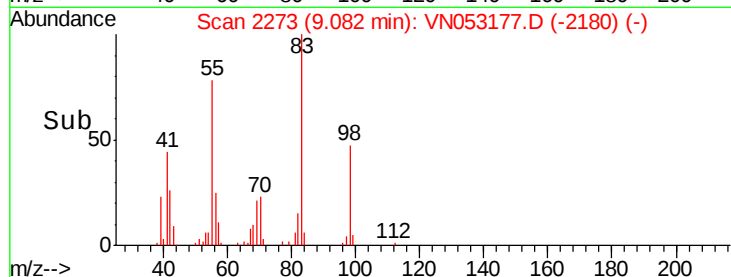
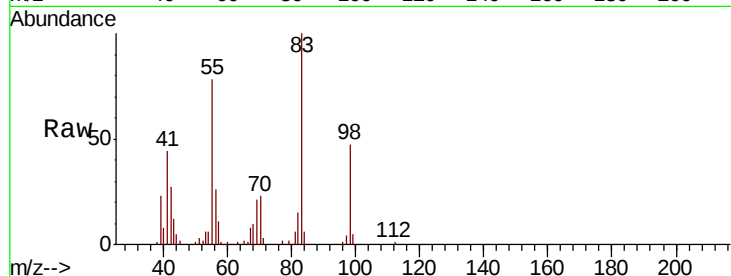




#39
Methylcyclohexane
Concen: 2.298 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

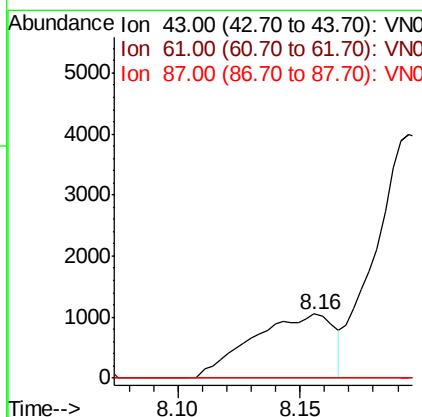
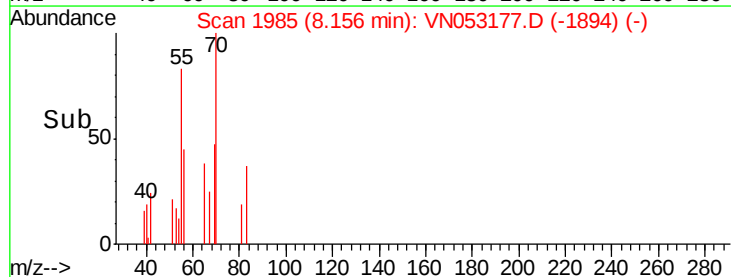
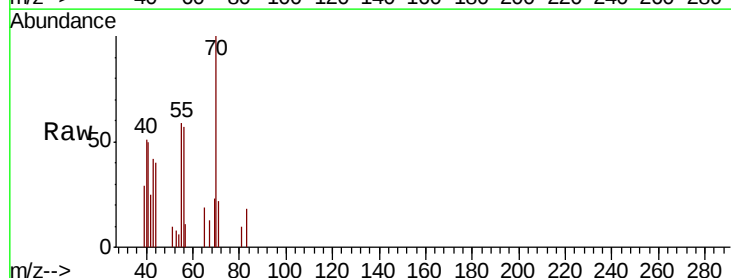
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

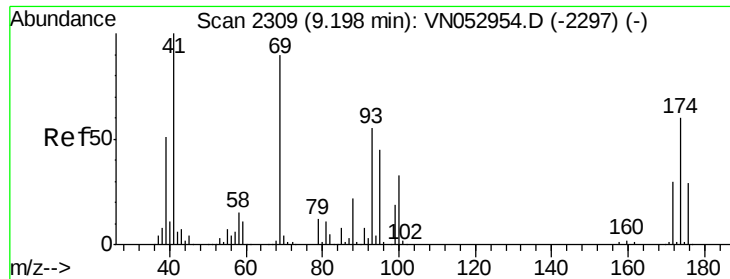
Tot Ion: 83 Resp: 48978
Ion Ratio Lower Upper
83 100
55 77.7 61.3 91.9
98 46.6 37.0 55.4



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.16 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.6 15.8#

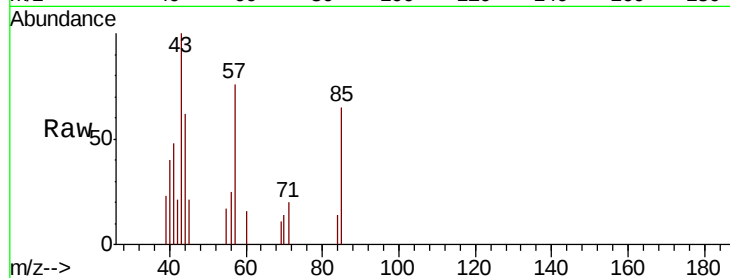




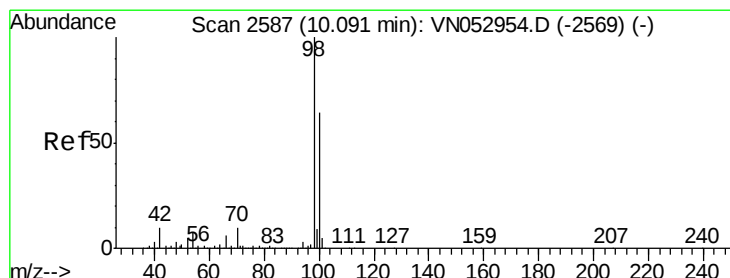
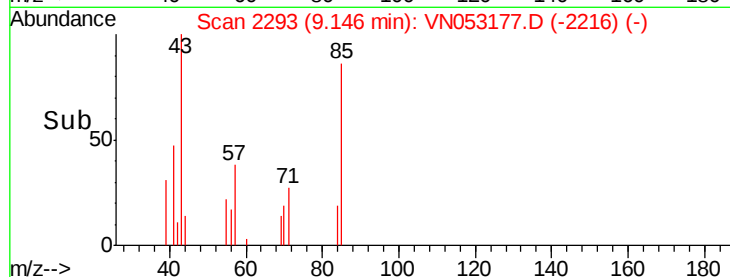
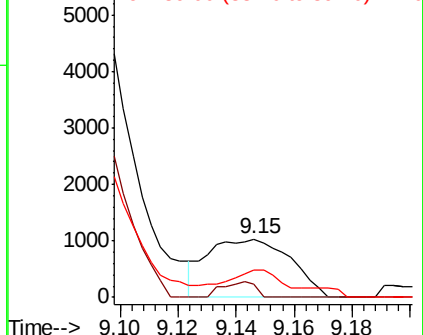
#48
Methyl methacrylate
Concen: 0.216 ug/l
RT: 9.15 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion: 41 Resp: 2054
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 36.4 41.9 62.9#

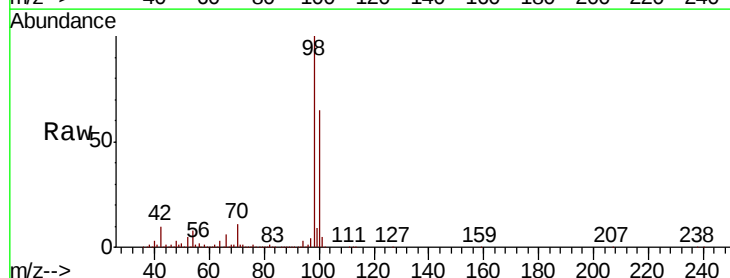


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

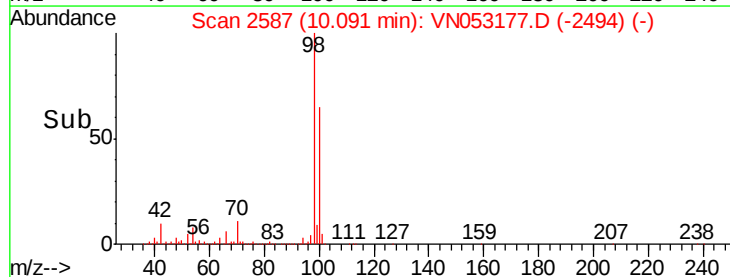
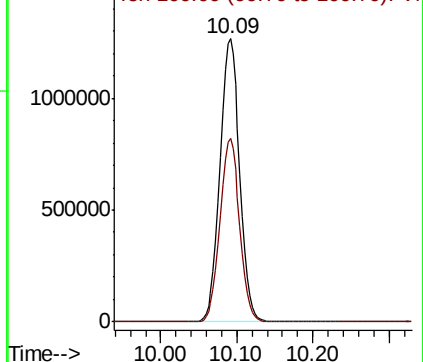


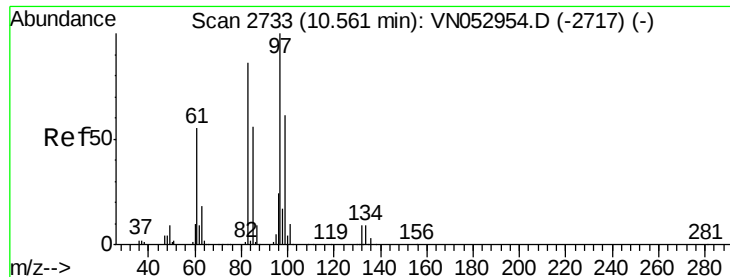
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 98 Resp: 2273924
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

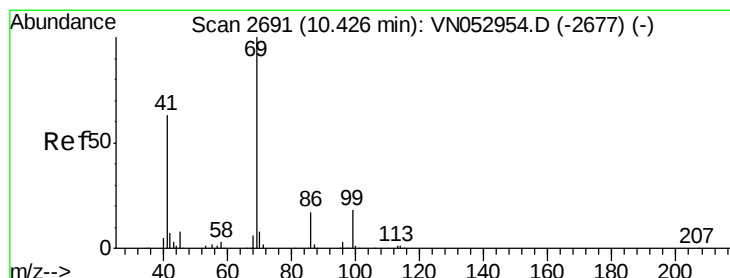
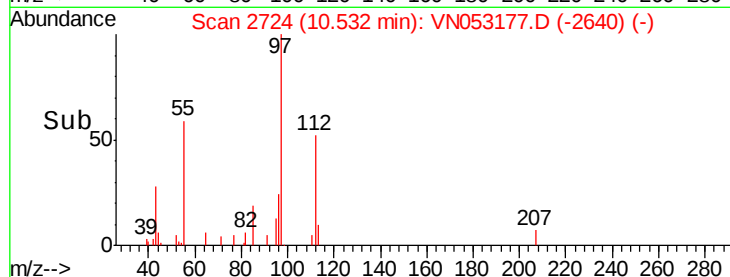
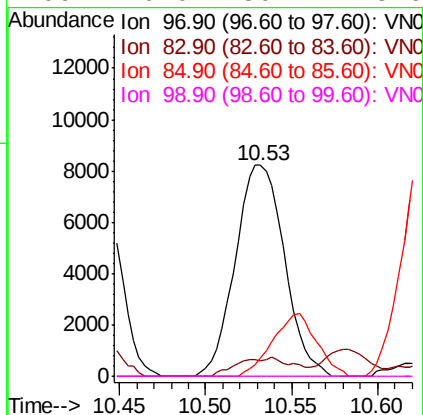
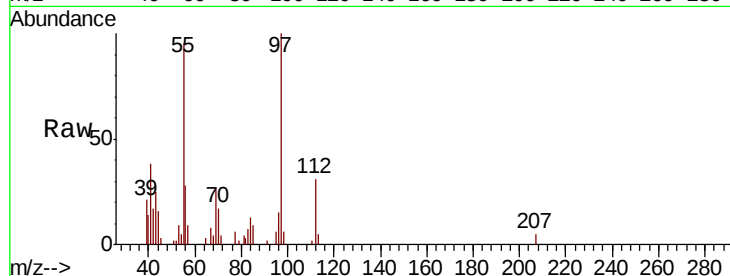




#55
 1,1,2-Trichloroethane
 Concen: 1.446 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

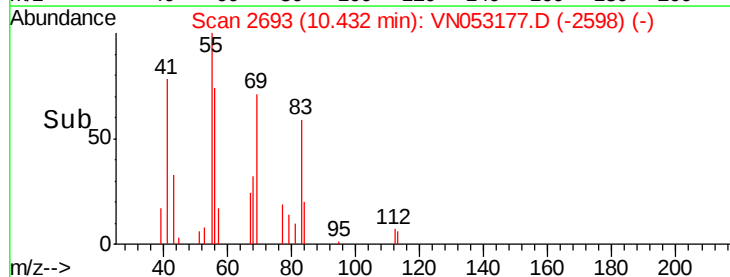
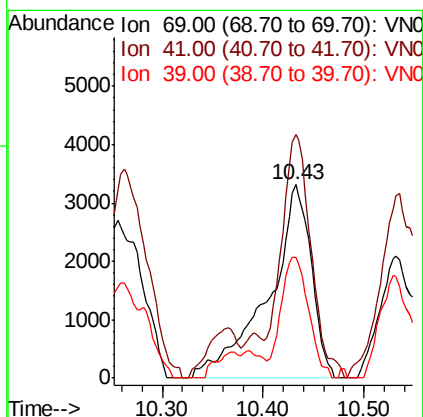
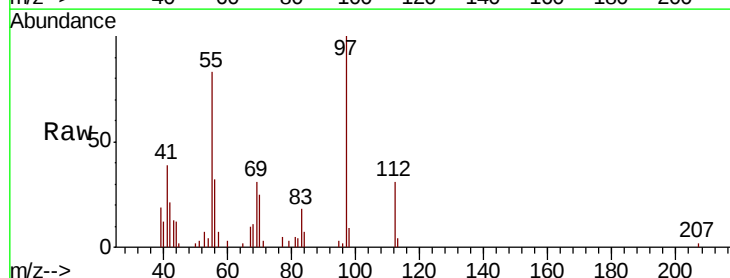
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

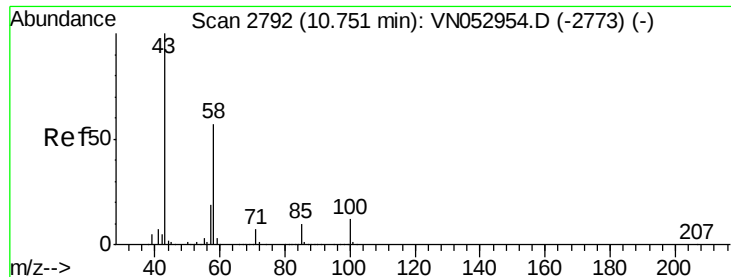
Tot Ion: 97 Resp: 16317
 Ion Ratio Lower Upper
 97 100
 83 7.3 70.9 106.3#
 85 8.5 45.4 68.2#
 99 0.0 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 0.657 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion: 69 Resp: 9817
 Ion Ratio Lower Upper
 69 100
 41 87.9 51.7 77.5#
 39 40.6 24.6 37.0#

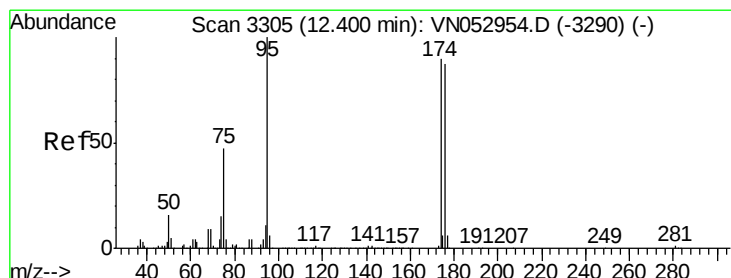
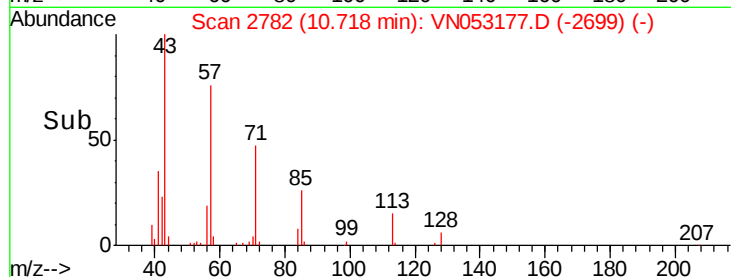
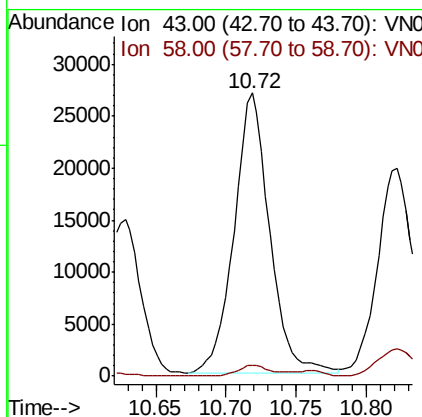
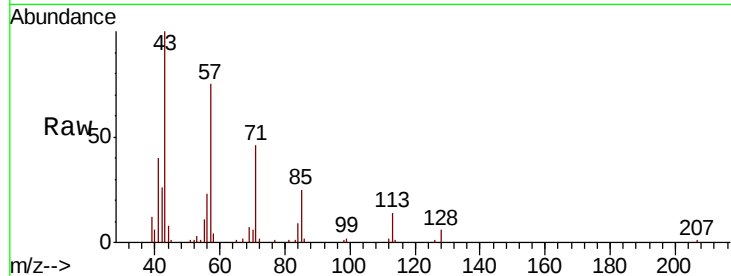




#59
2-Hexanone
Concen: 7.390 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

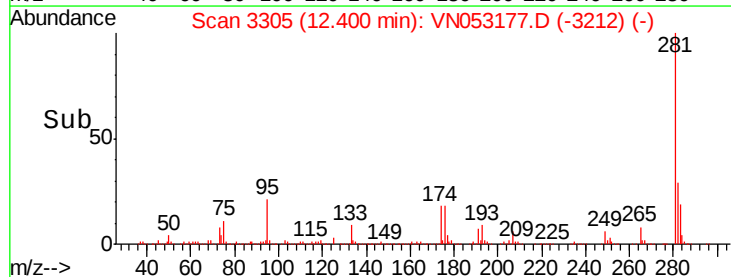
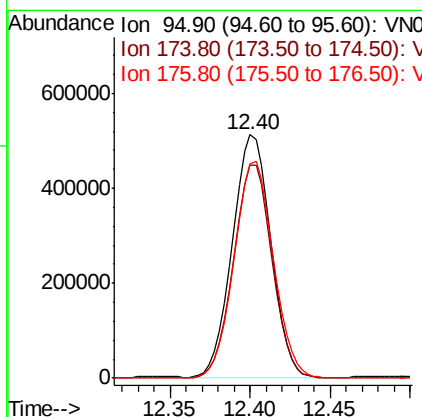
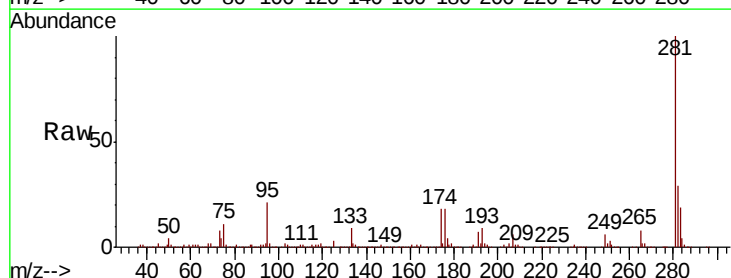
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

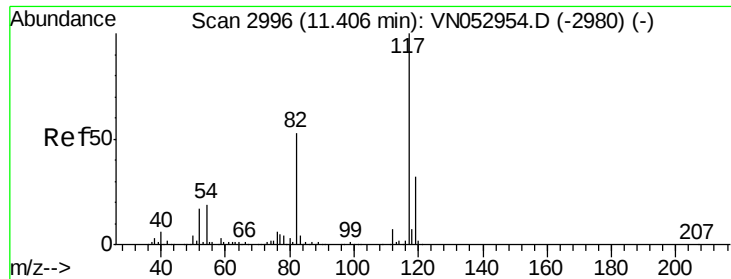
Tot Ion: 43 Resp: 47421
Ion Ratio Lower Upper
43 100
58 3.4 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 95 Resp: 836003
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.8
176 91.3 0.0 173.8

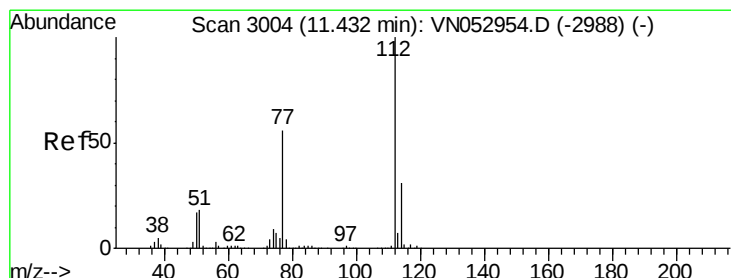
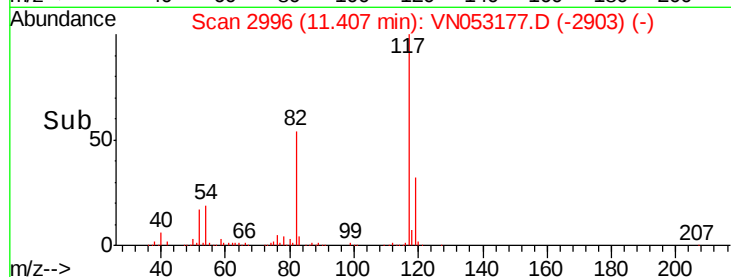
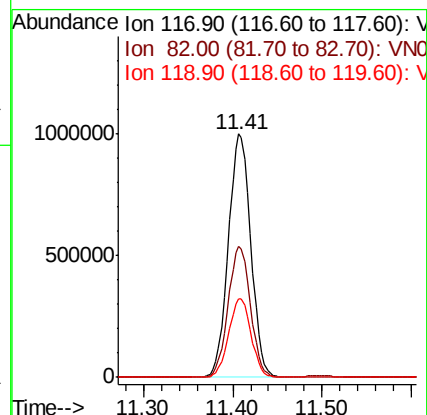
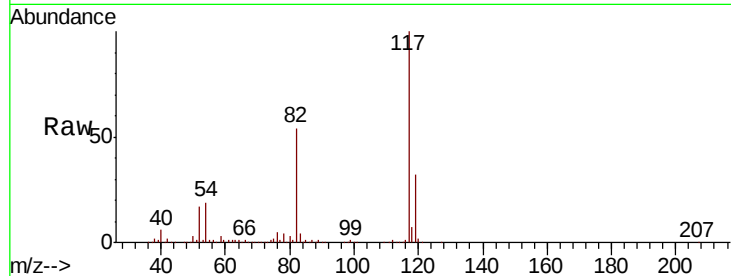




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

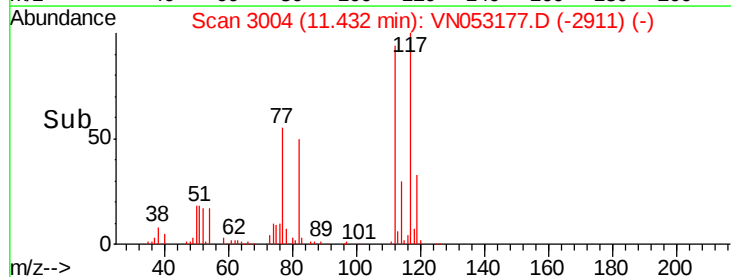
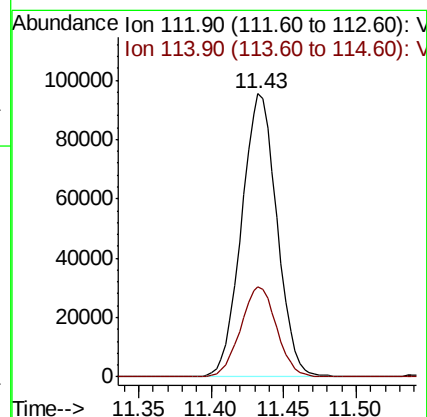
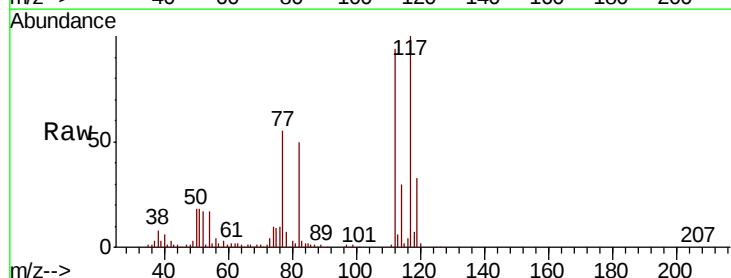
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

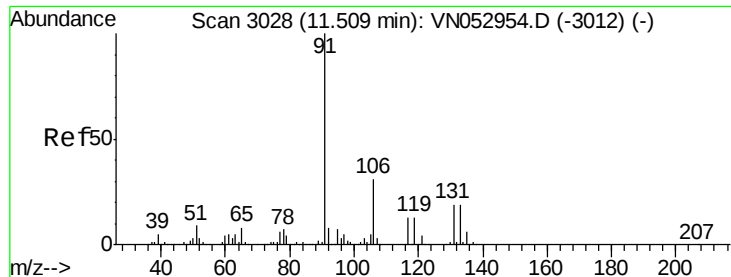
Tot Ion:117 Resp: 1733959
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 4.206 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion:112 Resp: 161679
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

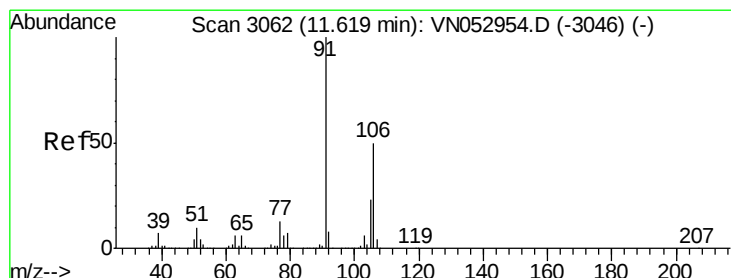
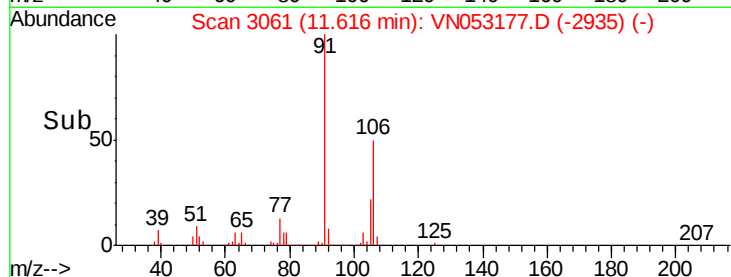
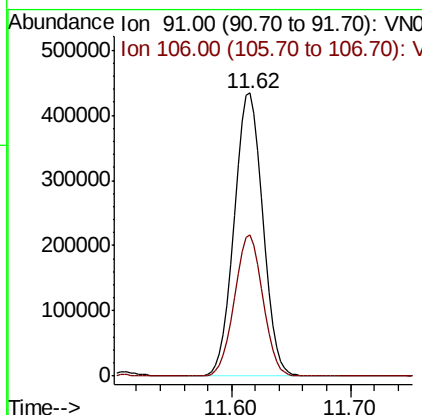
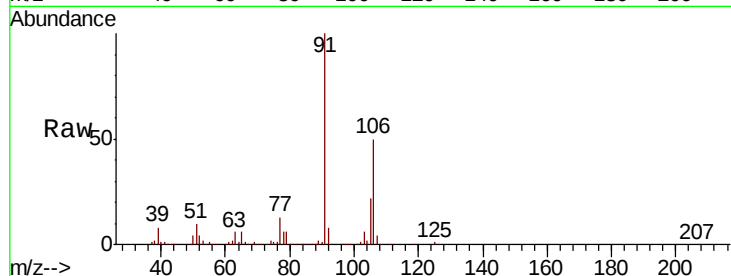




#67
Ethyl Benzene
Concen: 10.959 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.11 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

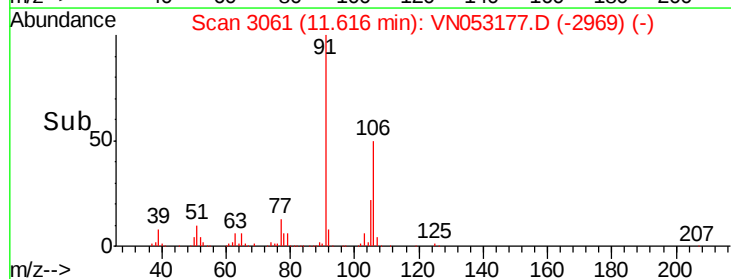
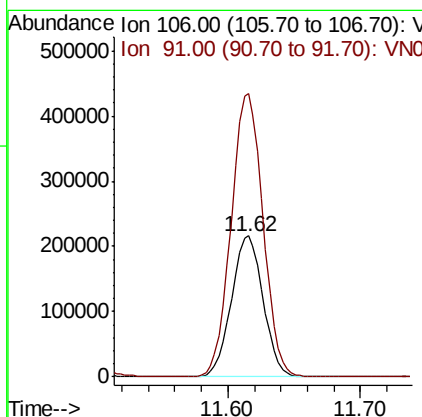
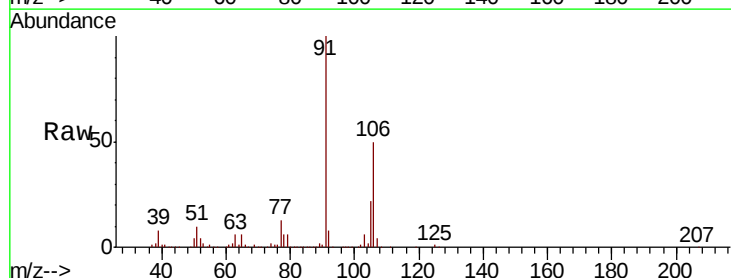
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

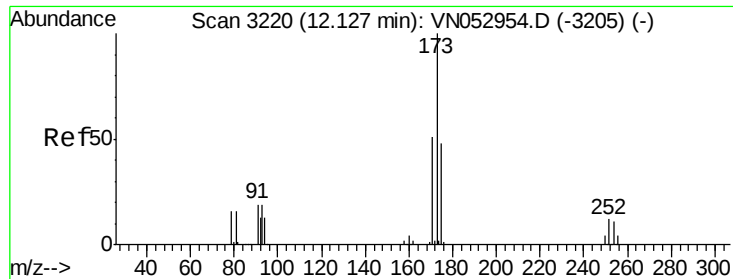
Tot Ion: 91 Resp: 724425
Ion Ratio Lower Upper
91 100
106 49.9 24.9 37.3#



#68
m/p-Xylenes
Concen: 14.213 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 106 Resp: 357168
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4





#71

Bromoform

Concen: 0.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

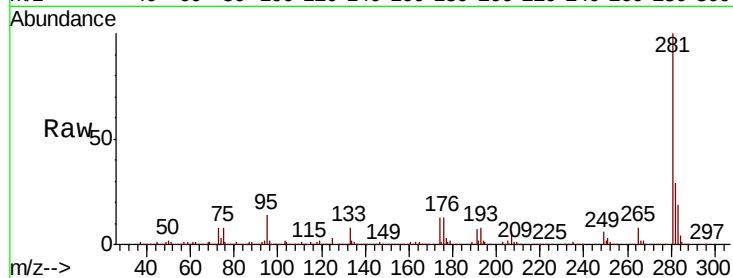
Tot Ion:173 Resp: 6472

Ion Ratio Lower Upper

173 100

175 887.1 24.3 72.9#

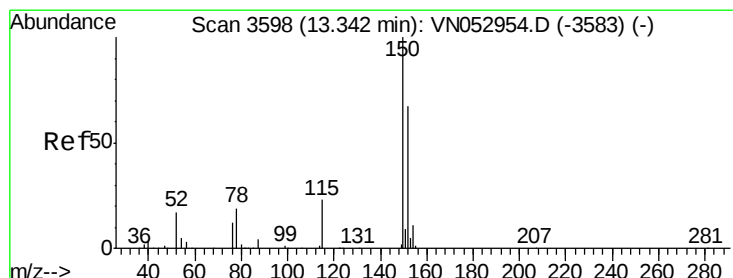
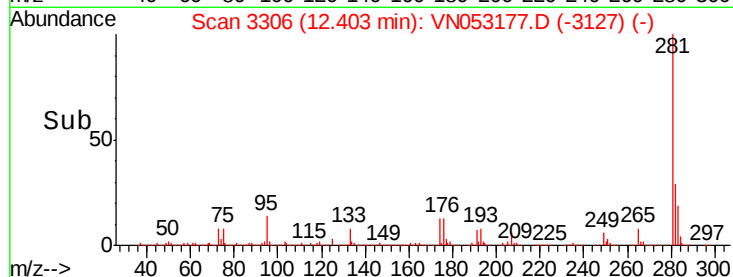
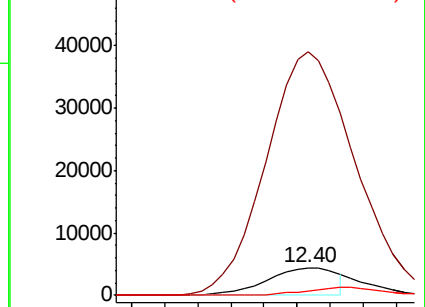
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

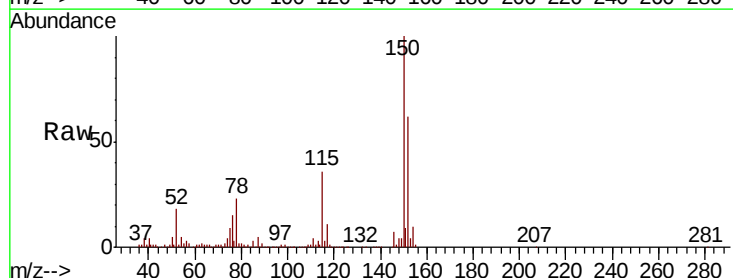
Tgt Ion:152 Resp: 791530

Ion Ratio Lower Upper

152 100

115 58.4 28.3 85.0

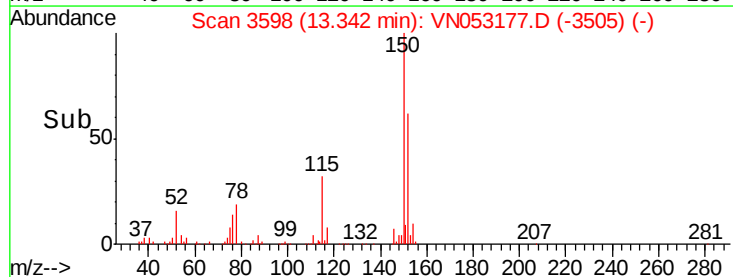
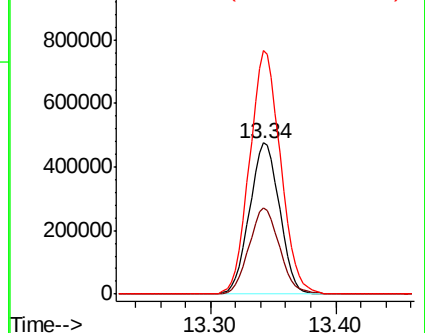
150 165.8 0.0 347.8

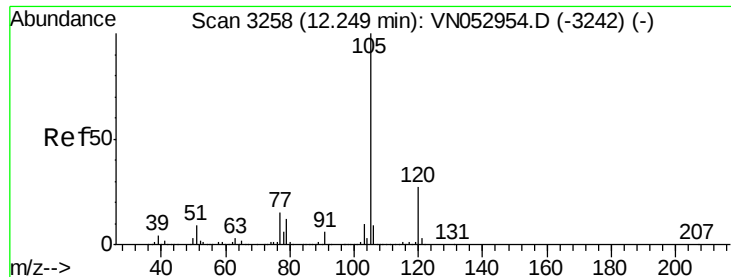


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.031 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

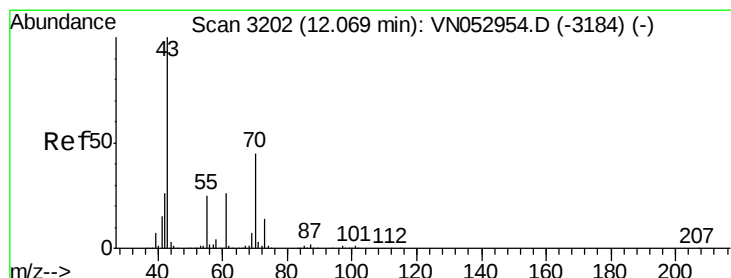
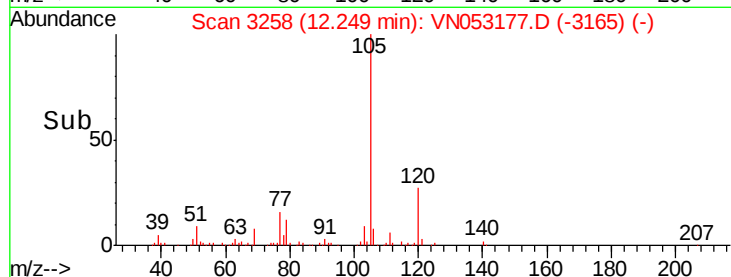
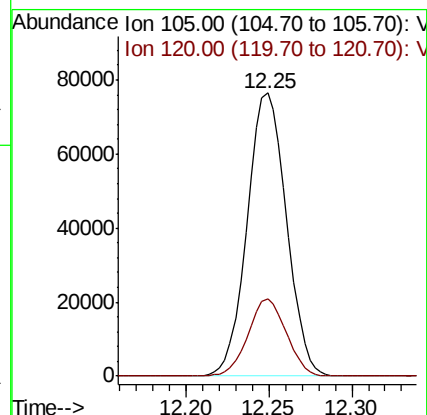
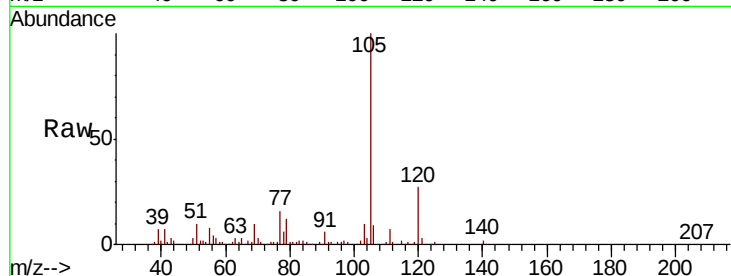
P001-SS013B-4248-01MEDL

Tot Ion:105 Resp: 125753

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 2.798 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Tgt Ion: 43 Resp: 48103

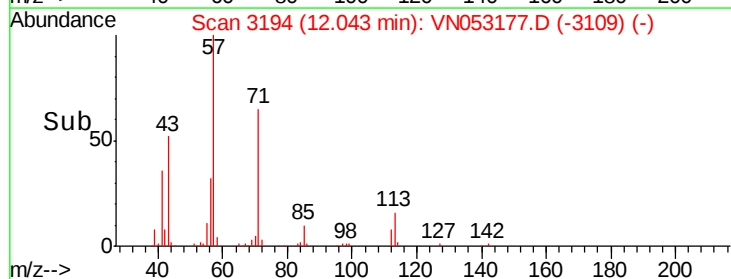
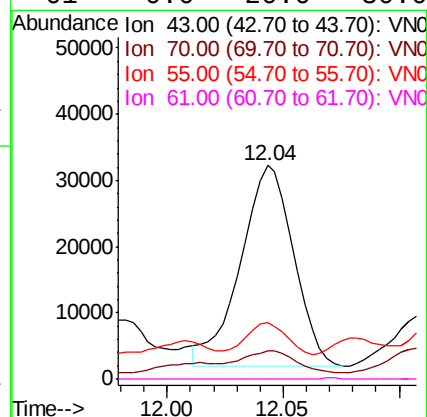
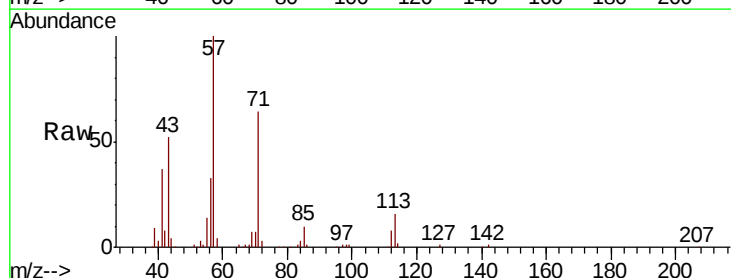
Ion Ratio Lower Upper

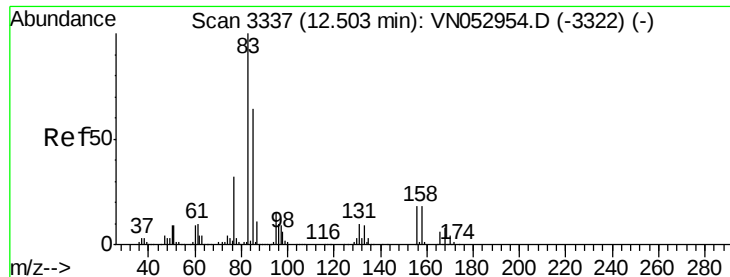
43 100

70 10.4 34.2 51.4#

55 15.8 20.3 30.5#

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.174 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.05 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

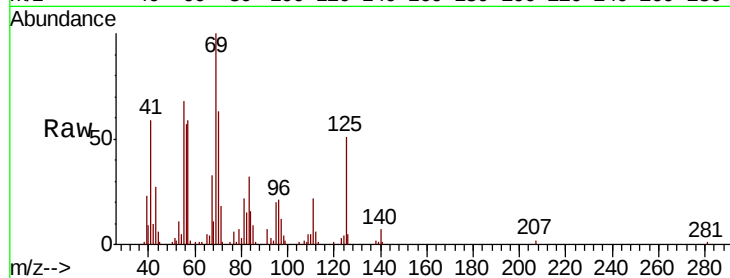
Tot Ion: 83 Resp: 14262

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

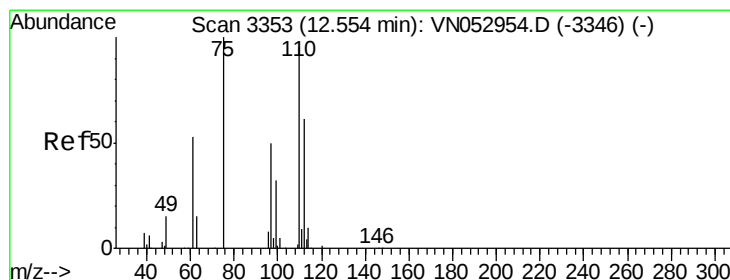
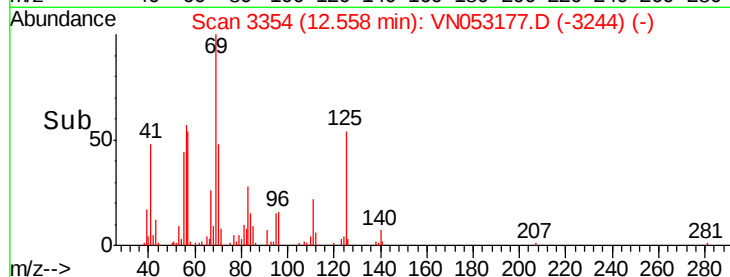
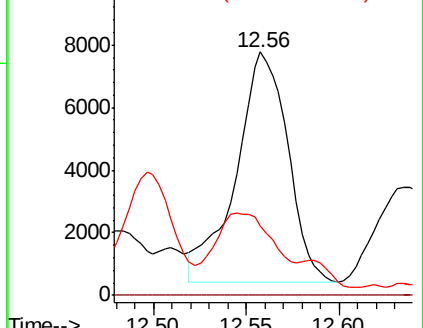
85 20.8 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN052954.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052954.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 36.122 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053177.D

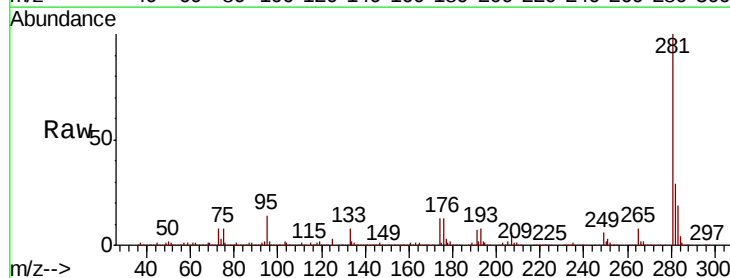
Acq: 24 Dec 2018 11:40

Tgt Ion: 75 Resp: 481307

Ion Ratio Lower Upper

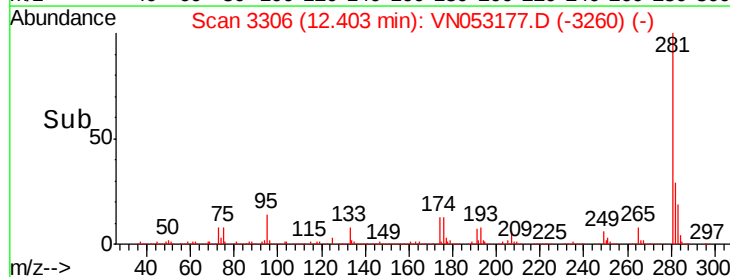
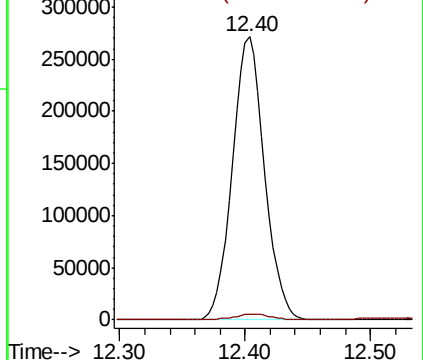
75 100

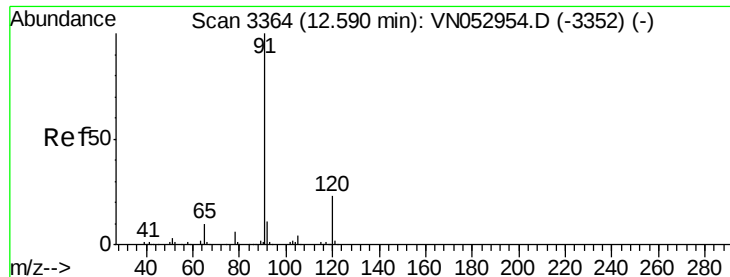
77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053177.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053177.D (-3260) (-)





#78

n-propylbenzene

Concen: 3.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

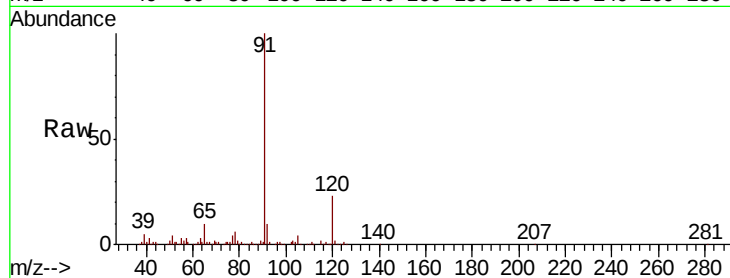
P001-SS013B-4248-01MEDL

Tot Ion: 91 Resp: 256502

Ion Ratio Lower Upper

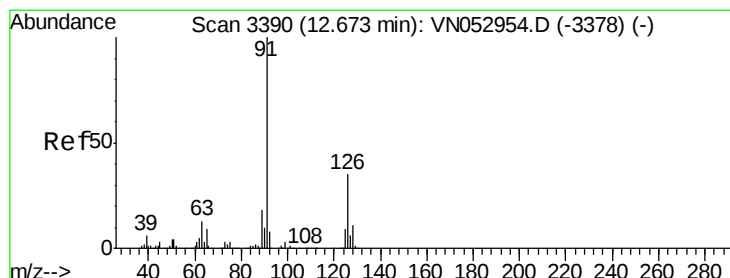
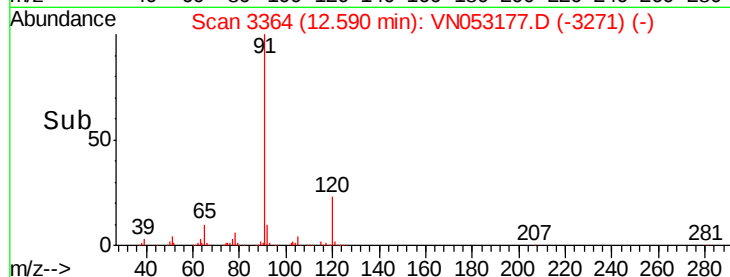
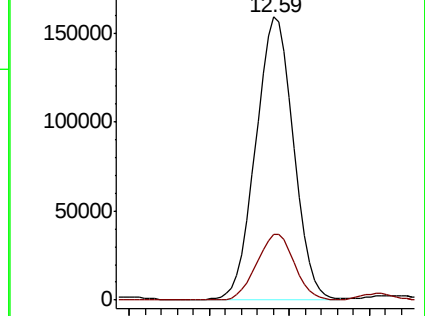
91 100

120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.455 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN053177.D

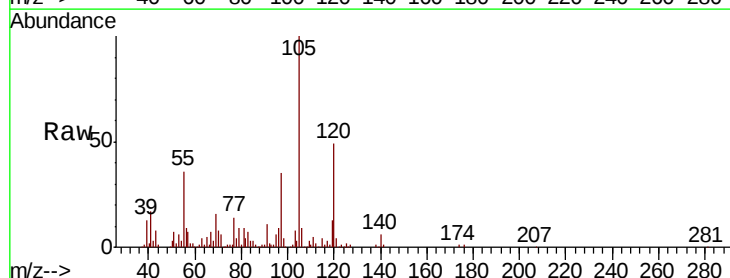
Acq: 24 Dec 2018 11:40

Tgt Ion: 91 Resp: 19896

Ion Ratio Lower Upper

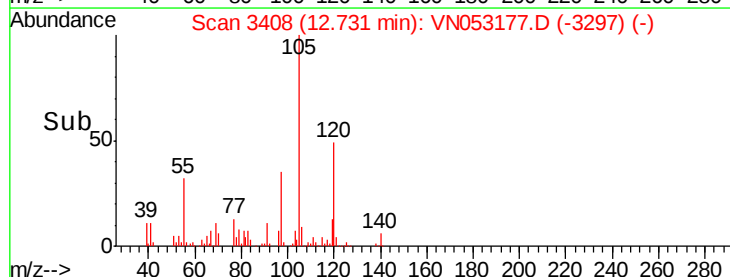
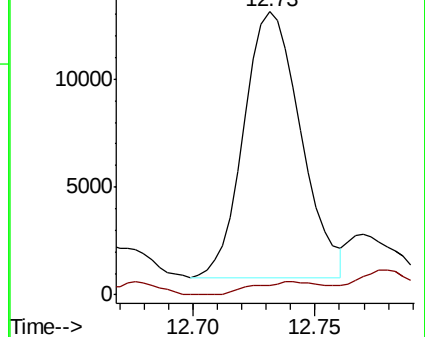
91 100

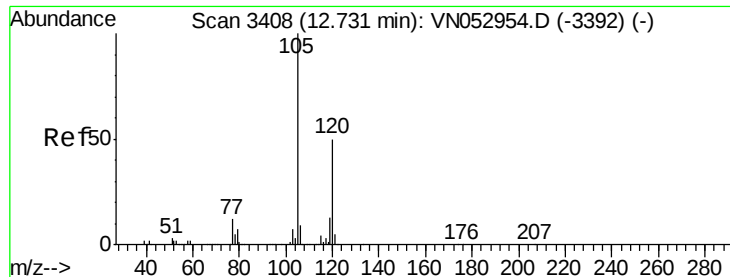
126 6.5 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.835 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

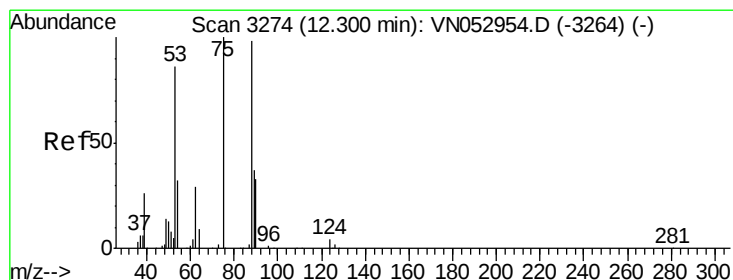
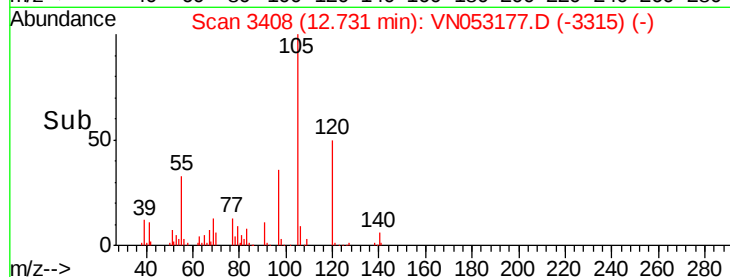
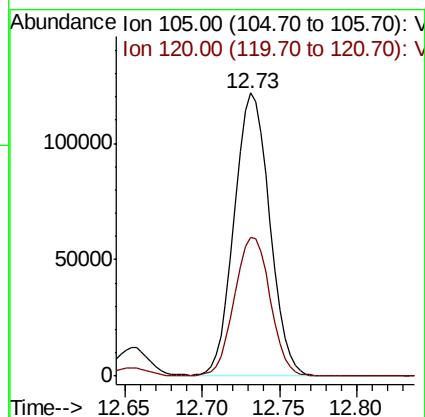
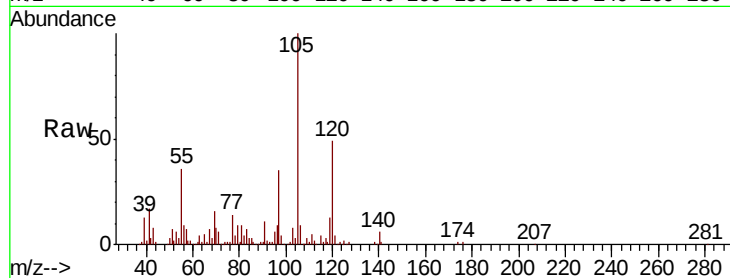
P001-SS013B-4248-01MEDL

Tot Ion:105 Resp: 193566

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 116.425 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

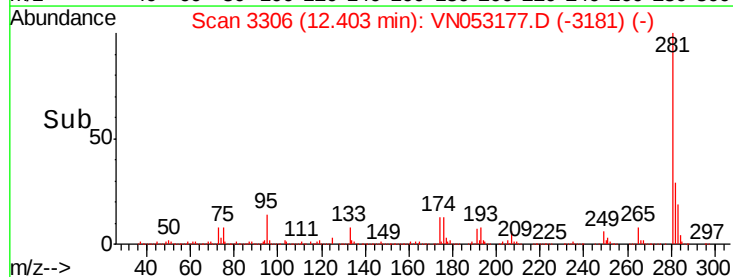
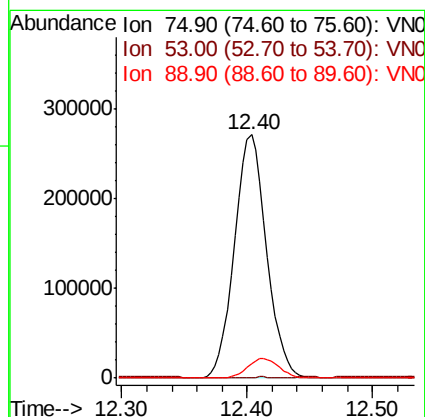
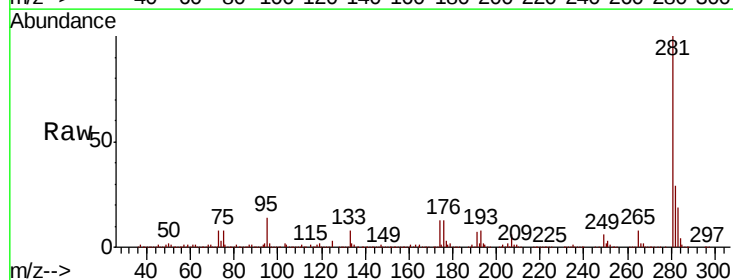
Tgt Ion: 75 Resp: 481307

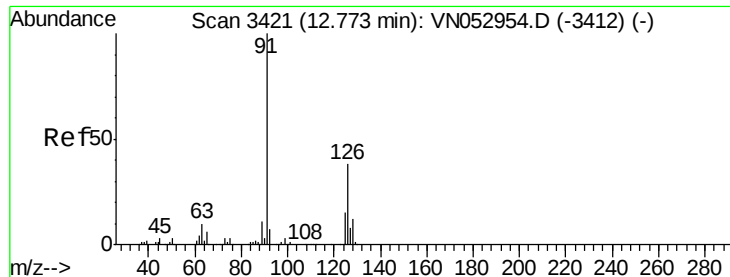
Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

89 7.9 36.1 54.1#





#82

4-Chlorotoluene

Concen: 0.465 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

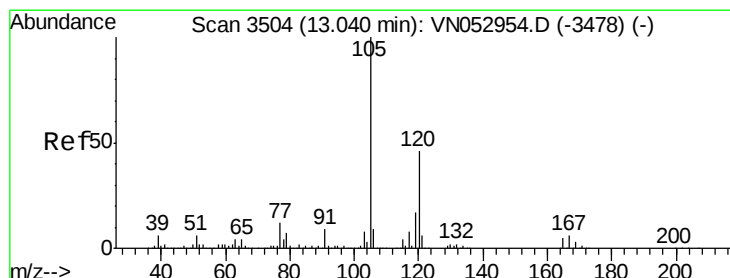
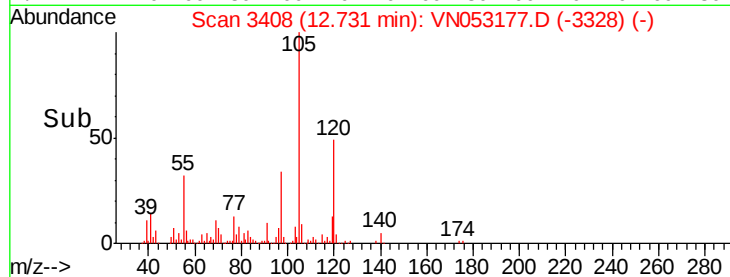
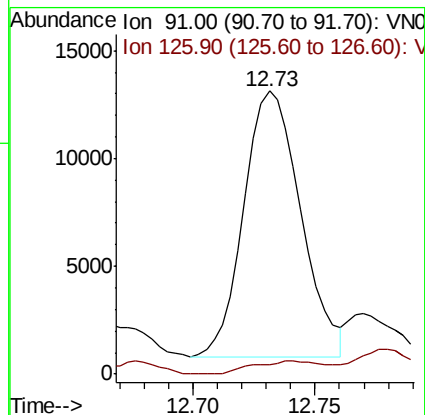
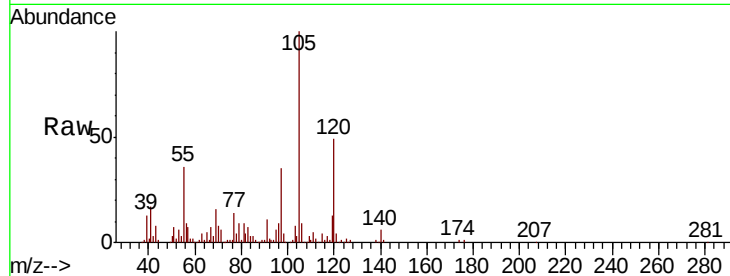
P001-SS013B-4248-01MEDL

Tot Ion: 91 Resp: 19896

Ion Ratio Lower Upper

91 100

126 6.5 17.3 51.7#



#84

1,2,4-Trimethylbenzene

Concen: 21.617 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053177.D

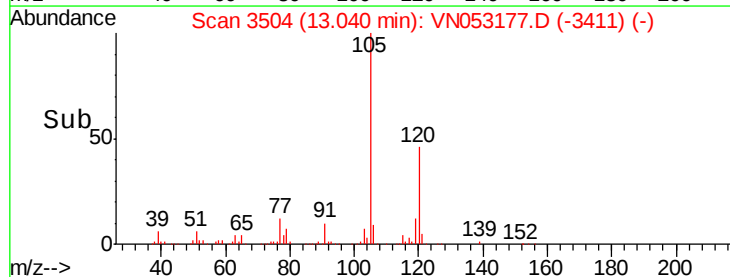
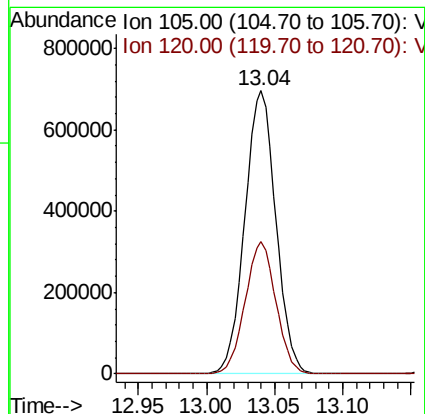
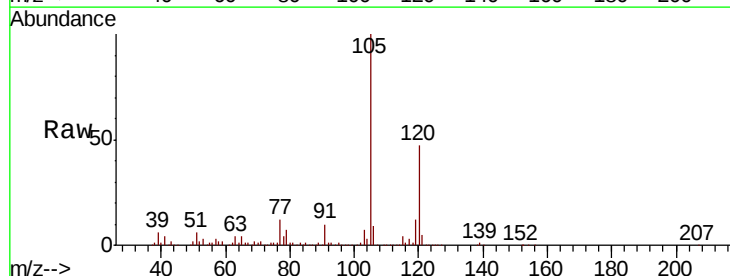
Acq: 24 Dec 2018 11:40

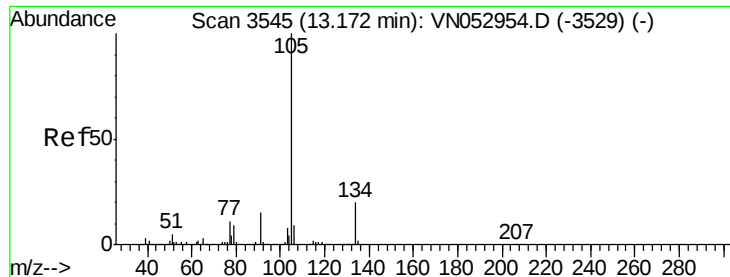
Tgt Ion: 105 Resp: 1096956

Ion Ratio Lower Upper

105 100

120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 0.681 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

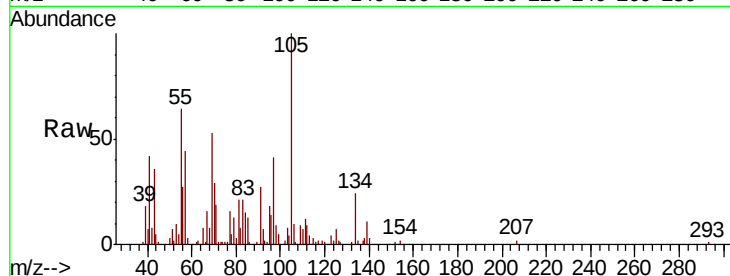
P001-SS013B-4248-01MEDL

Tot Ion:105 Resp: 41102

Ion Ratio Lower Upper

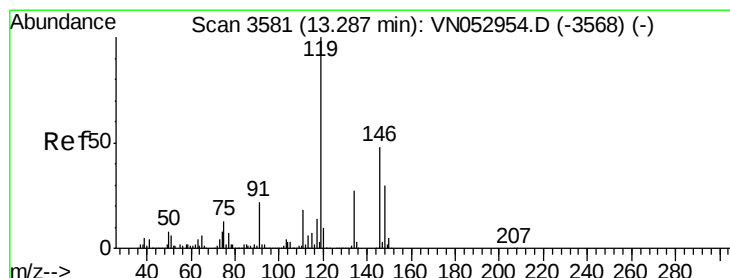
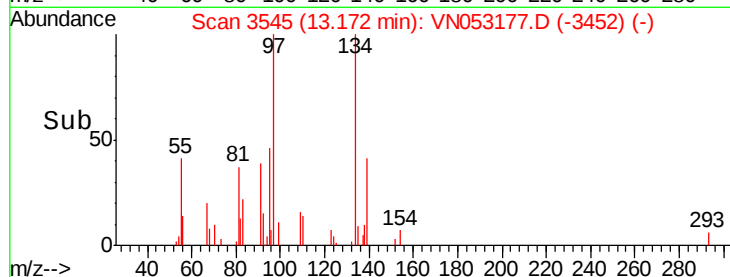
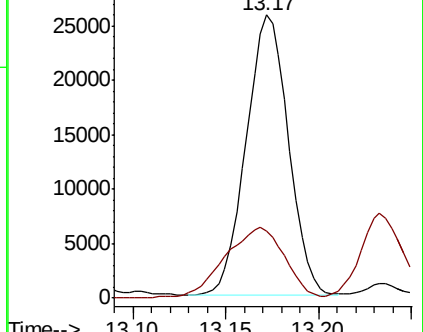
105 100

134 35.3 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.015 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

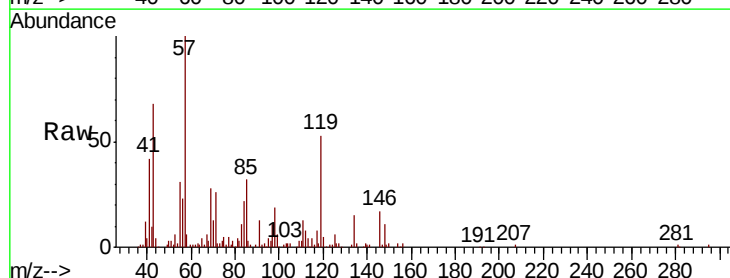
Tgt Ion:119 Resp: 52955

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

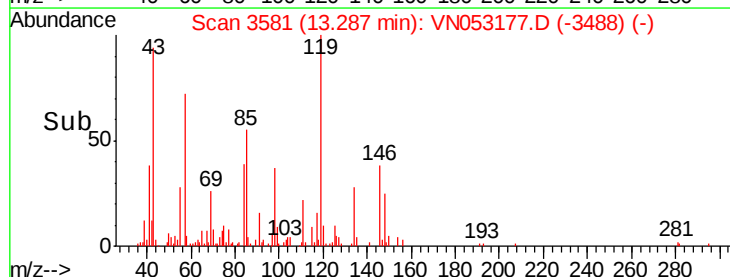
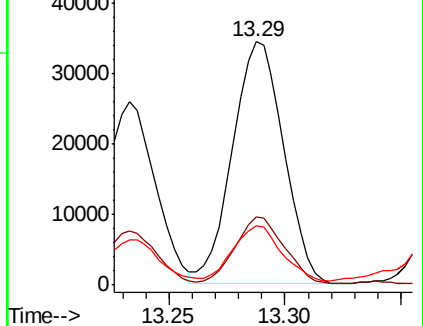
91 21.7 11.1 33.3

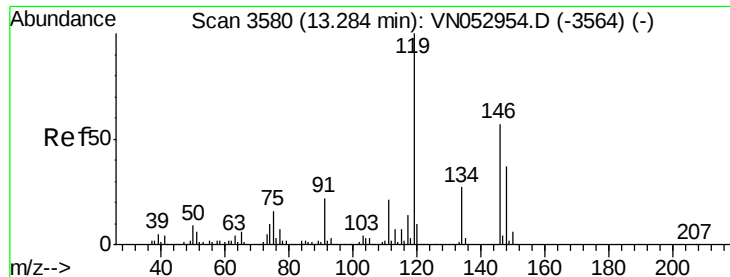


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

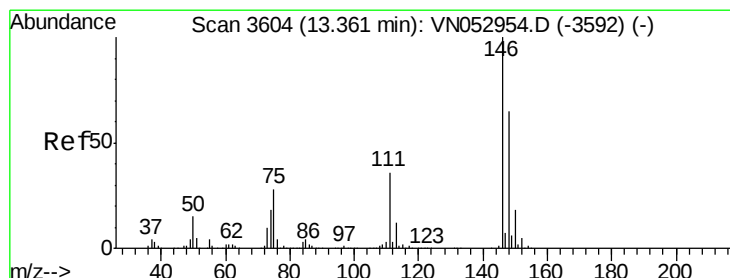
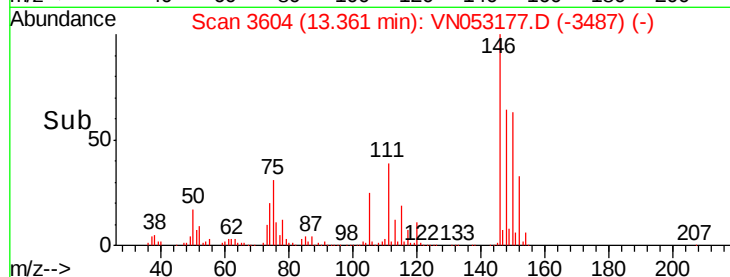
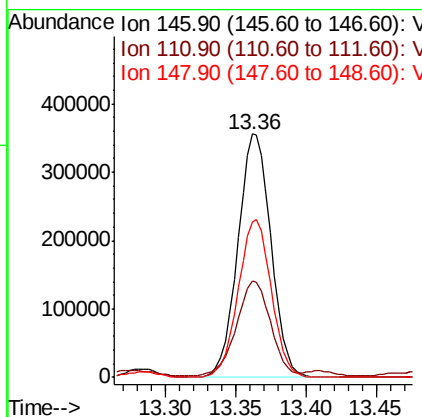
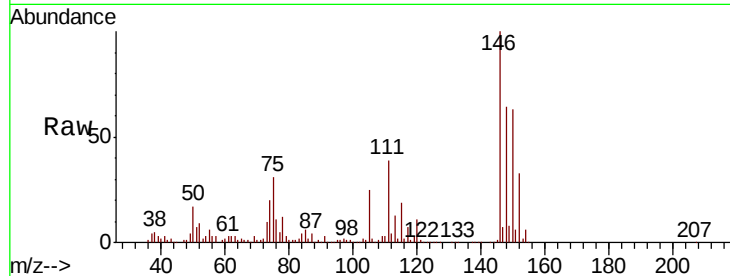




#87
 1,3-Dichlorobenzene
 Concen: 20.507 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.08 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

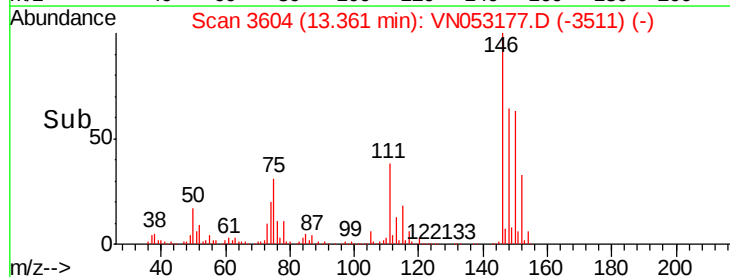
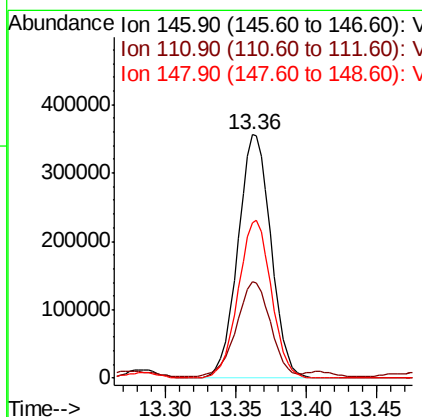
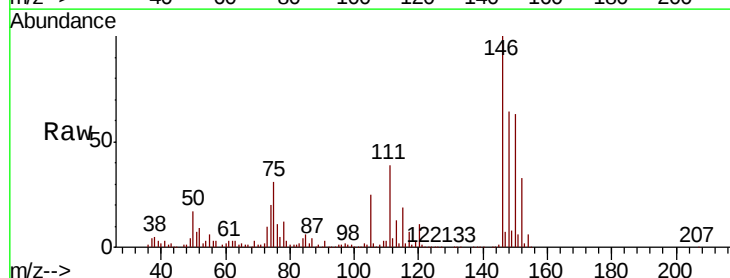
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

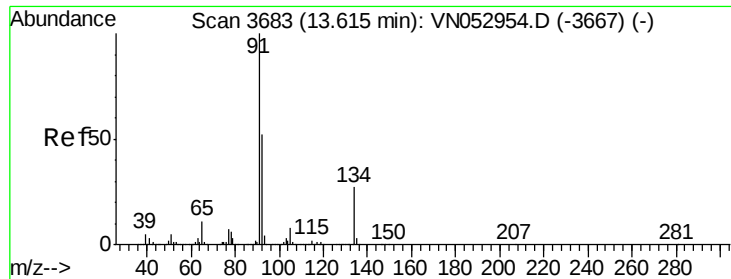
Tot Ion:146 Resp: 584289
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.1 57.1
 148 65.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.250 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion:146 Resp: 584289
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.6 55.8
 148 65.0 32.1 96.5

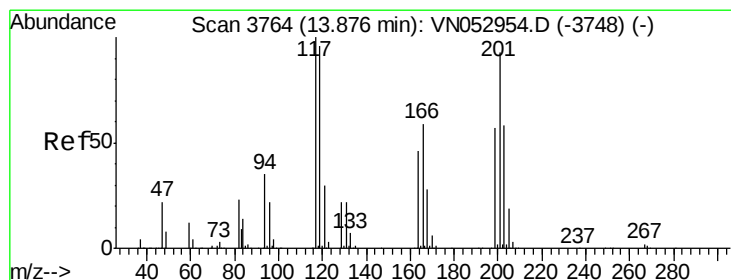
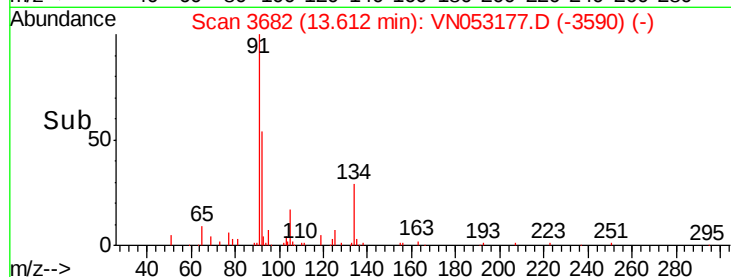
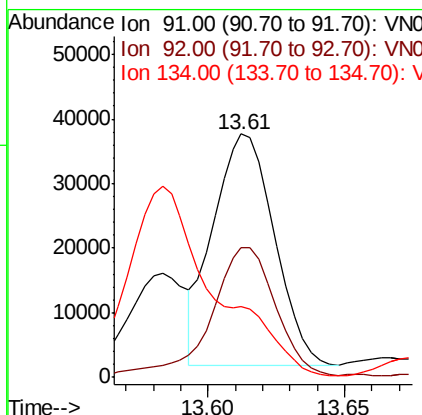
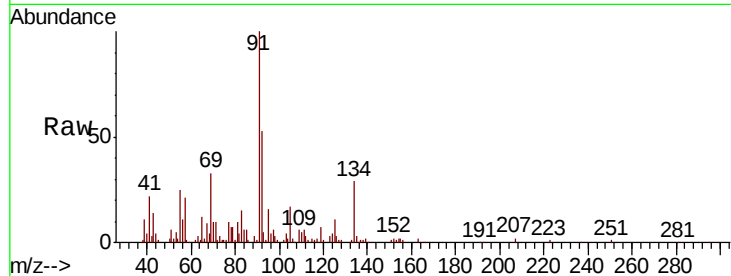




#89
n-Butylbenzene
Concen: 1.239 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

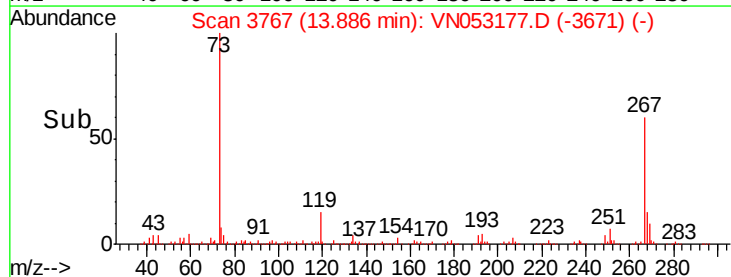
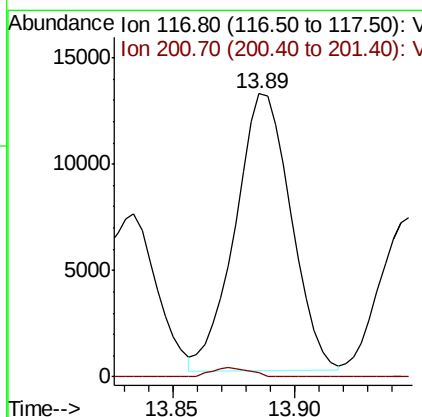
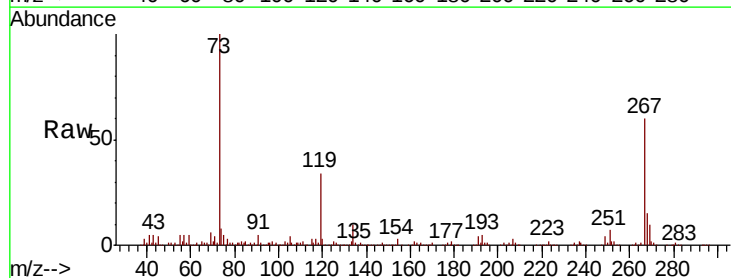
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

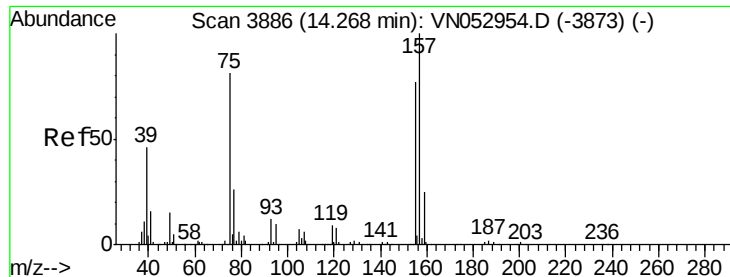
Tot Ion: 91 Resp: 55618
Ion Ratio Lower Upper
91 100
92 58.7 26.3 78.9
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 2.585 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 117 Resp: 20700
Ion Ratio Lower Upper
117 100
201 2.4 45.7 137.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.417 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

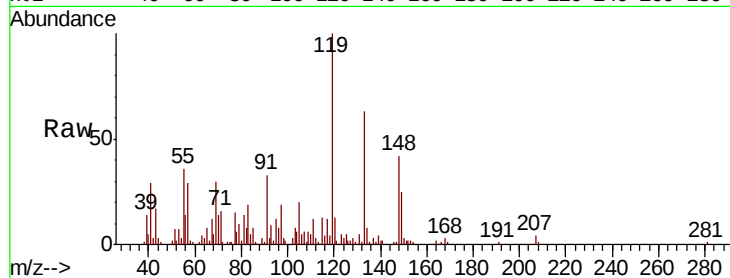
Tot Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

155 12.8 48.2 144.6#

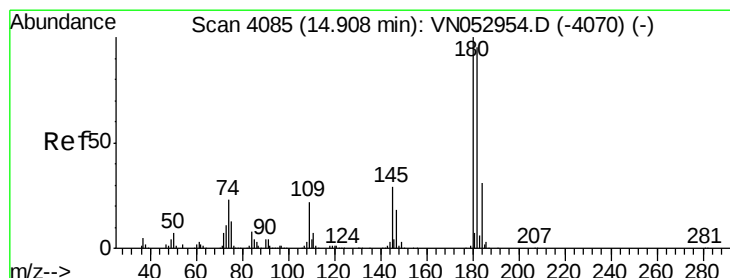
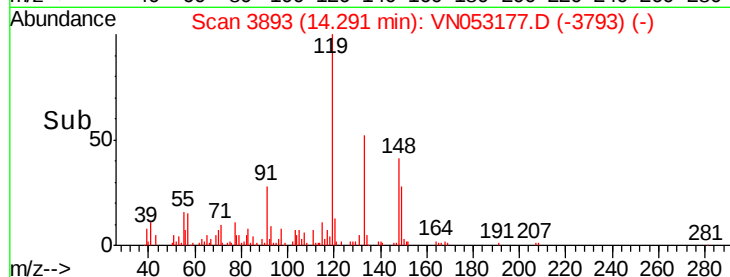
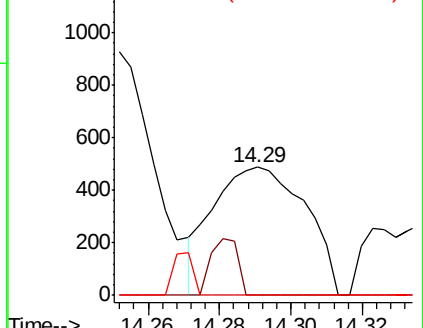
157 7.1 61.2 183.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.282 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

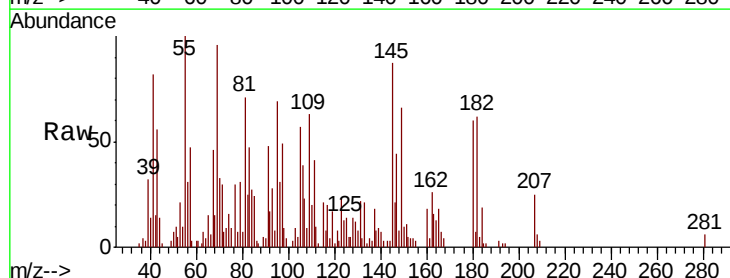
Tgt Ion:180 Resp: 9863

Ion Ratio Lower Upper

180 100

182 100.3 47.8 143.3

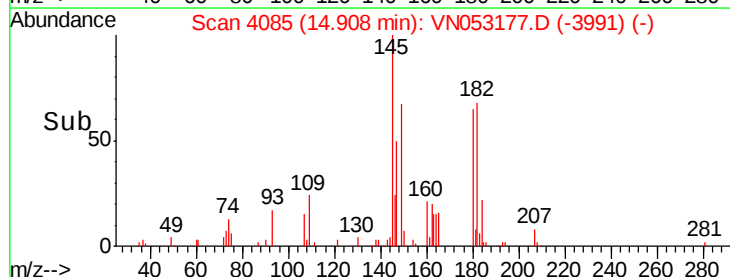
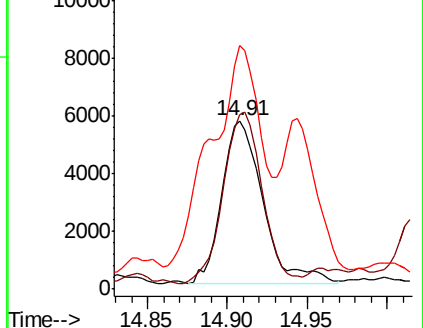
145 186.7 14.2 42.6#

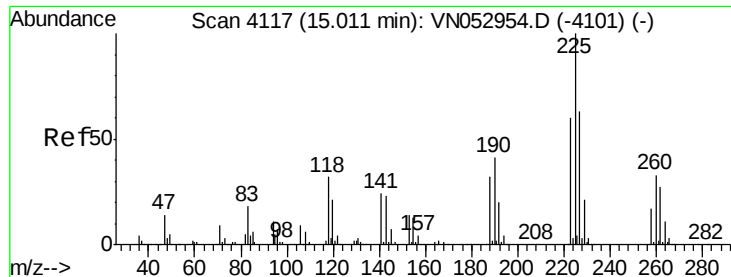


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

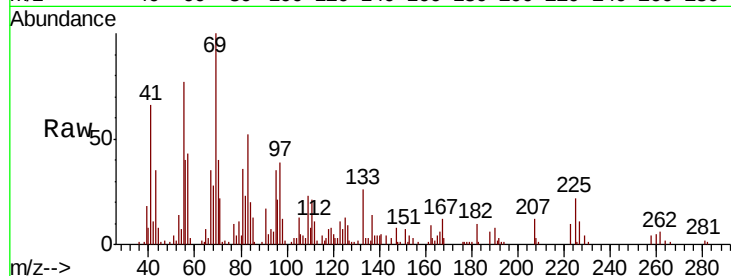
Tot Ion:225 Resp: 6937

Ion Ratio Lower Upper

225 100

223 56.3 31.5 94.5

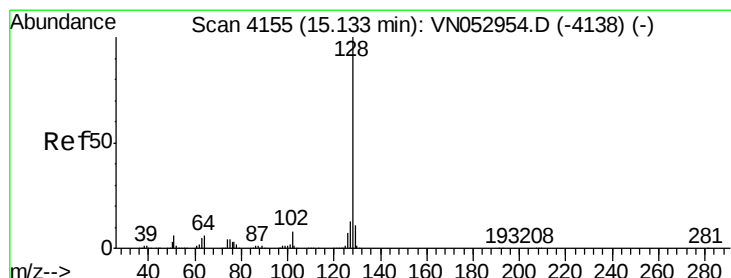
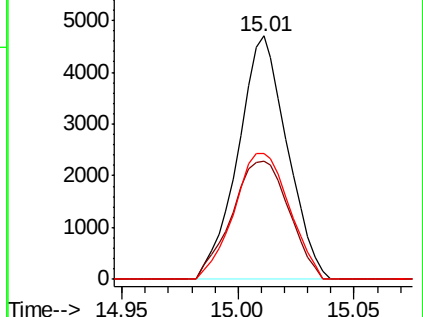
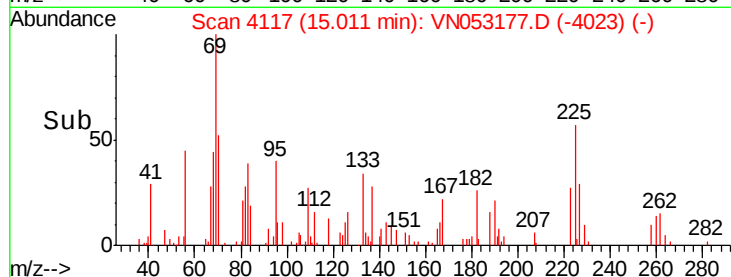
227 57.9 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 9.066 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

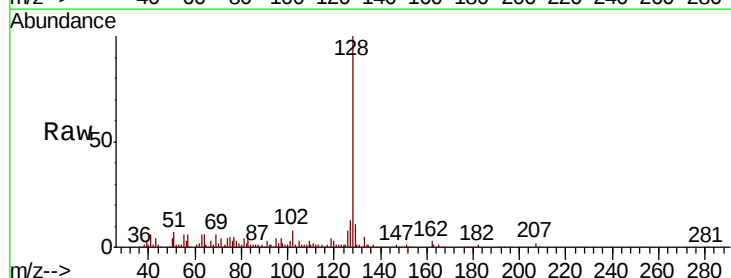
Tgt Ion:128 Resp: 252231

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

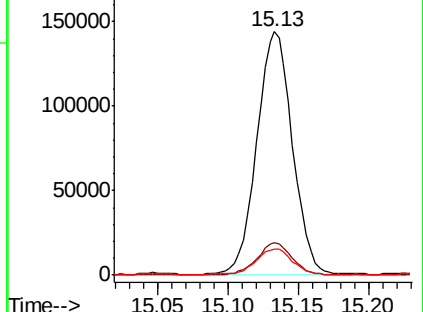
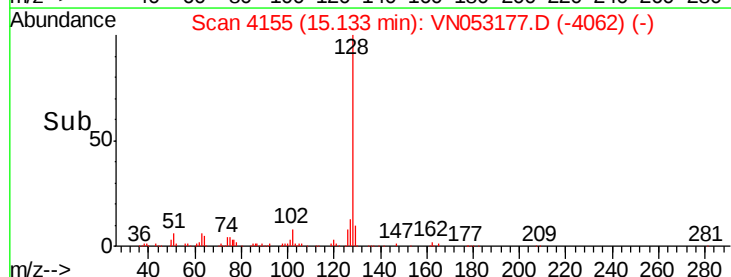
129 10.9 8.6 13.0

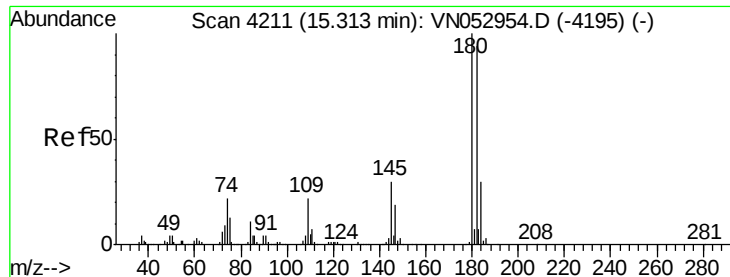


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

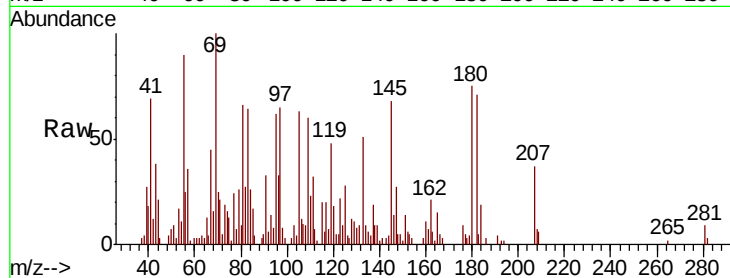




#96
 1,2,3-Trichlorobenzene
 Concen: 1.509 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Tot Ion:180 Resp: 12939
 Ion Ratio Lower Upper
 180 100
 182 78.5 47.9 143.7
 145 127.0 15.0 45.0#



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

