

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
 Data File : VN053028.D
 Acq On : 19 Dec 2018 23:43
 Operator : MD\SY
 Sample : J6411-01
 Misc : 5.63g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

Quant Time: Dec 20 05:27:59 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	1403714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2134927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1954766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	831504	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	664755	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	7.59	113	547265	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
50) Toluene-d8	10.09	98	2658228	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	1082990	58.92	ug/l	0.00
Spiked Amount			Recovery	=	117.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	396	0.502	ug/l #	14
15) Acrylonitrile	5.00	53	1196	0.248	ug/l #	62
16) Acetone	3.80	43	766	0.274	ug/l	96
17) Carbon Disulfide	4.06	76	9613	0.220	ug/l	98
18) Methyl Acetate	4.32	43	3288	1.246	ug/l	97
36) 1,1-Dichloropropene	7.66	75	89866	4.386	ug/l #	49
38) Carbon Tetrachloride	7.66	117	120341	6.407	ug/l #	16
39) Methylcyclohexane	9.08	83	69695	2.800	ug/l	98
43) Isopropyl Acetate	8.33	43	233883	9.724	ug/l #	53
48) Methyl methacrylate	9.14	41	4858	0.438	ug/l #	46
51) 4-Methyl-2-Pentanone	10.09	43	29613	2.673	ug/l #	57
55) 1,1,2-Trichloroethane	10.53	97	140828	10.685	ug/l #	20
56) Ethyl methacrylate	10.44	69	61686	3.536	ug/l #	21
59) 2-Hexanone	10.72	43	966451	128.941	ug/l #	28
67) Ethyl Benzene	11.51	91	35932	0.482	ug/l	99
68) m/p-Xylenes	11.63	106	47407	1.673	ug/l #	62
71) Bromoform	12.40	173	5046	0.464	ug/l #	1
73) Isopropylbenzene	12.25	105	1914106	29.422	ug/l	99
74) N-amyl acetate	12.05	43	3619137	200.368	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	277877	21.771	ug/l #	90
76) 1,2,3-Trichloropropane	12.59	75	27103	1.936	ug/l #	100
77) Bromobenzene	12.50	156	4404	0.260	ug/l #	1
78) n-propylbenzene	12.59	91	4967126	67.037	ug/l	100
79) 2-Chlorotoluene	12.59	91	4967126	108.151	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.69	105	430183	8.112	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.25	75	19204	4.422	ug/l #	1
82) 4-Chlorotoluene	12.59	91	4988730	110.962	ug/l #	40
83) tert-Butylbenzene	12.99	119	374401	7.983	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	5336391	100.105	ug/l	100
85) sec-Butylbenzene	13.17	105	2818552	44.433	ug/l #	75
86) p-Isopropyltoluene	13.29	119	406410	7.415	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	6076	0.200	ug/l #	1
89) n-Butylbenzene	13.62	91	2610941	55.368	ug/l #	85
90) Hexachloroethane	13.89	117	363027	43.159	ug/l #	4

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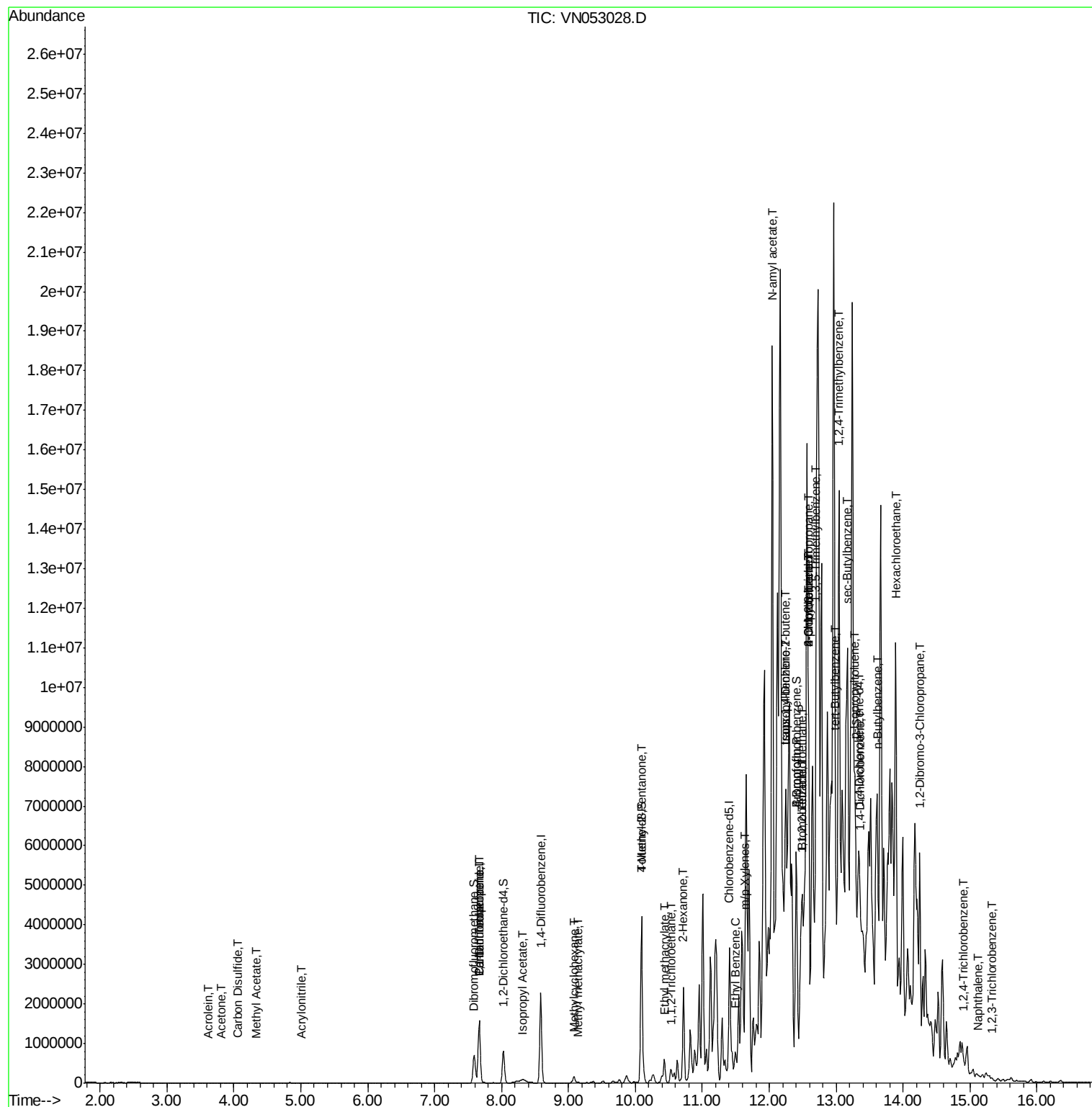
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16911	7.663	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	10162	1.269	ug/l #	1
94) Hexachlorobutadiene	15.01	225	3694	Below Cal		98
95) Naphthalene	15.13	128	30423	2.056	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.32	180	11619	1.364	ug/l #	37

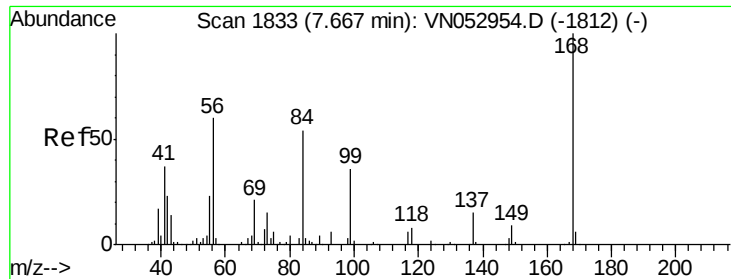
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

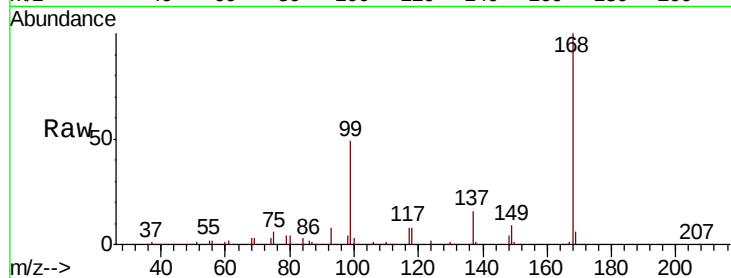
EP1-SBR-1A(8-9FT)1218

Tot Ion:168 Resp: 1403714

Ion Ratio Lower Upper

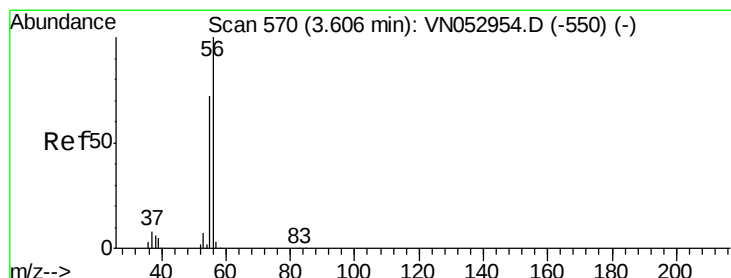
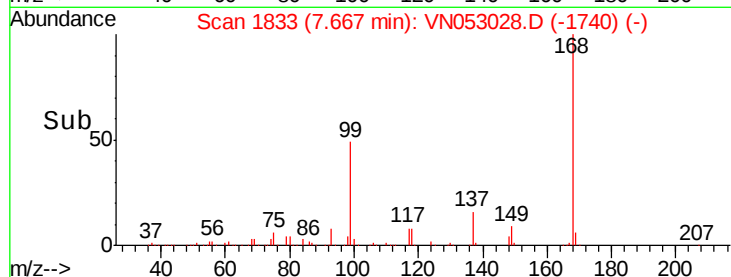
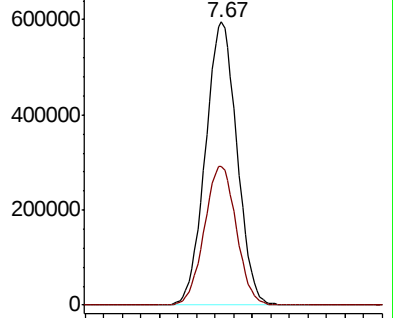
168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#13

Acrolein

Concen: 0.502 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053028.D

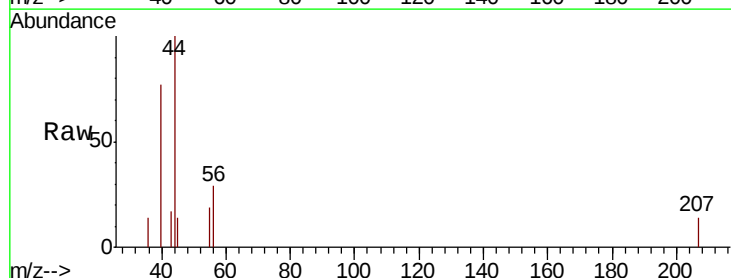
Acq: 19 Dec 2018 23:43

Tgt Ion: 56 Resp: 396

Ion Ratio Lower Upper

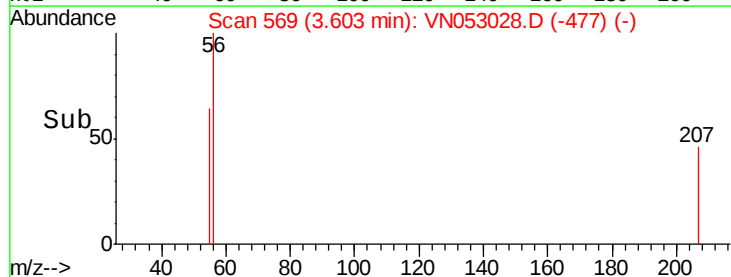
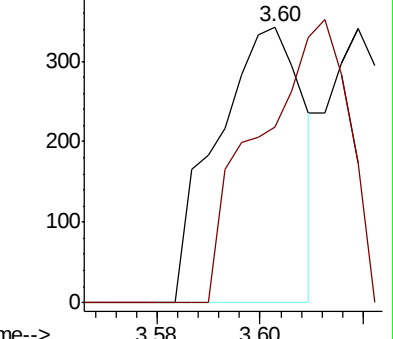
56 100

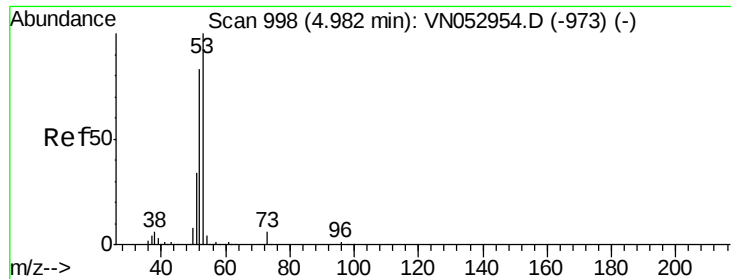
55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN





#15

Acrylonitrile

Concen: 0.248 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.02 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

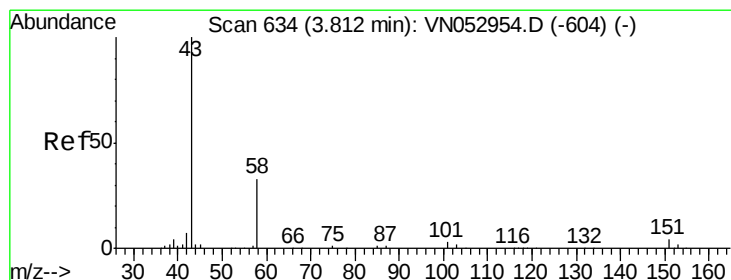
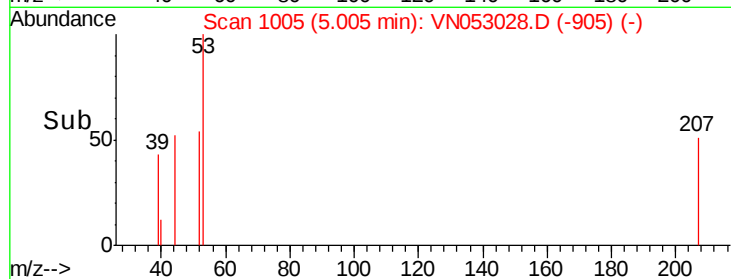
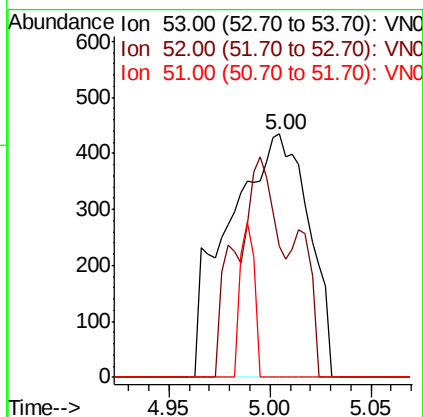
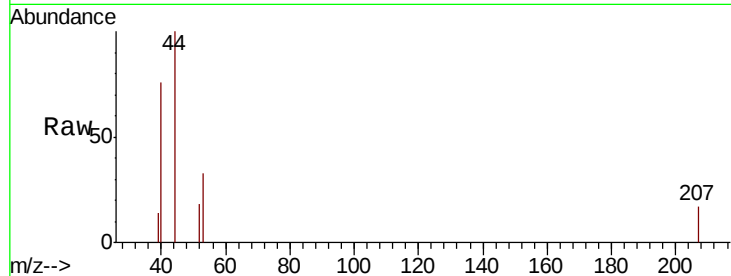
Tot Ion: 53 Resp: 1196

Ion Ratio Lower Upper

53 100

52 48.1 65.1 97.7#

51 11.5 28.1 42.1#



#16

Acetone

Concen: 0.274 ug/l

RT: 3.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN053028.D

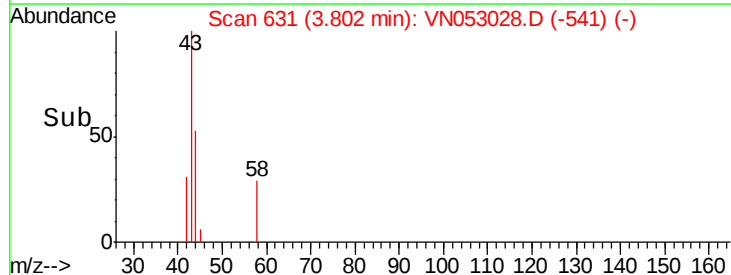
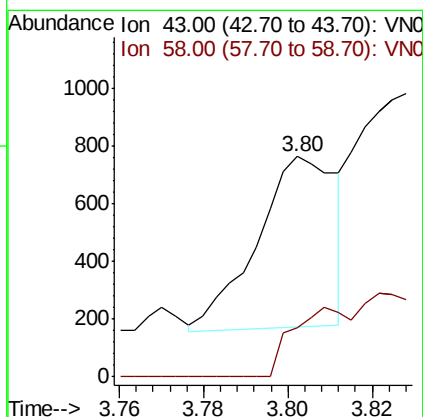
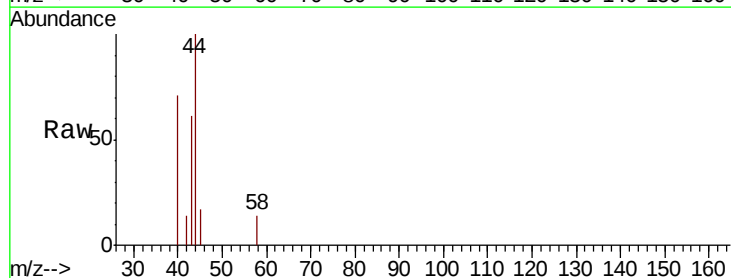
Acq: 19 Dec 2018 23:43

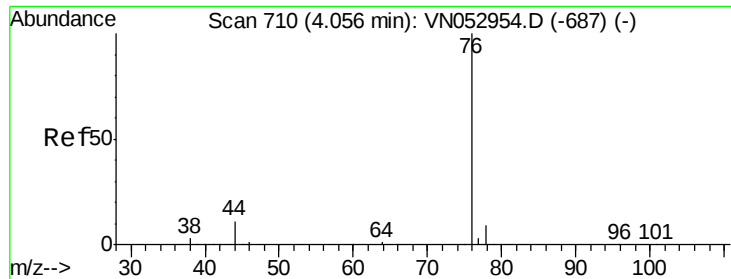
Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

58 29.7 25.4 38.0

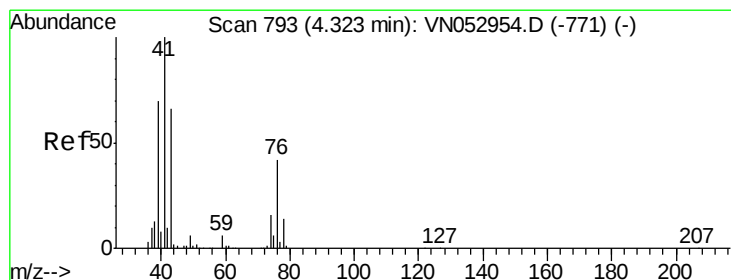
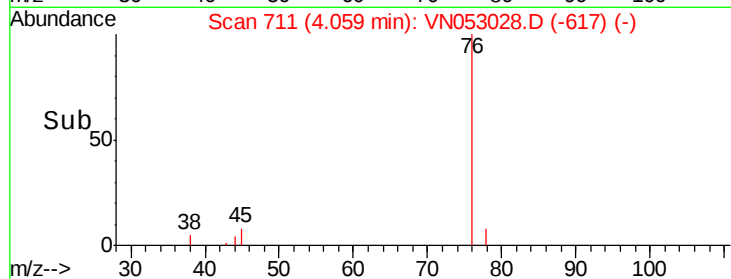
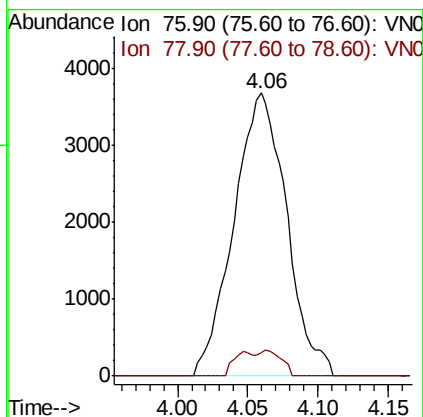
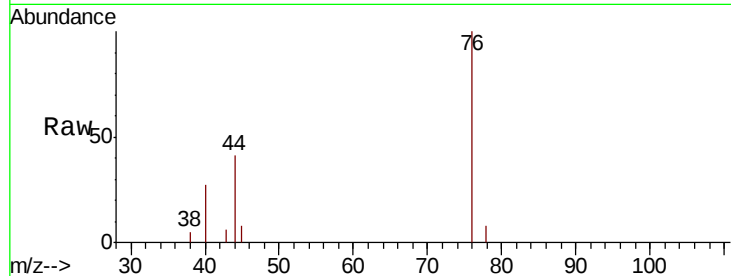




#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

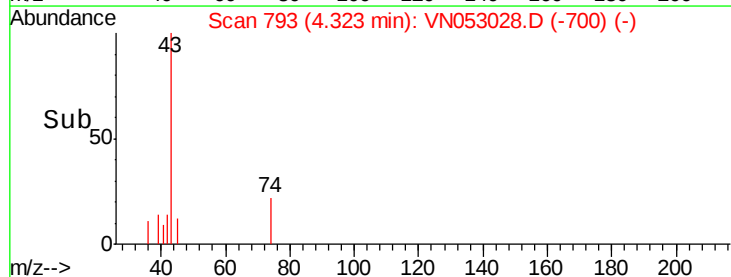
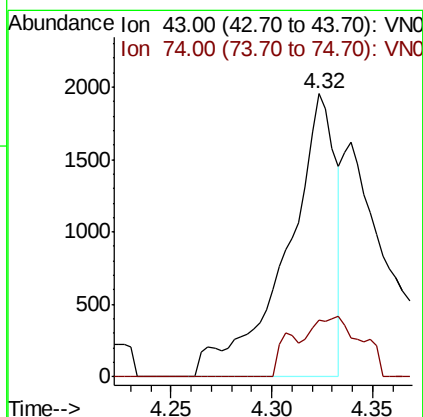
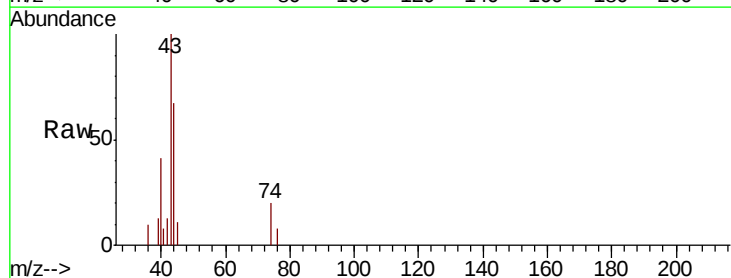
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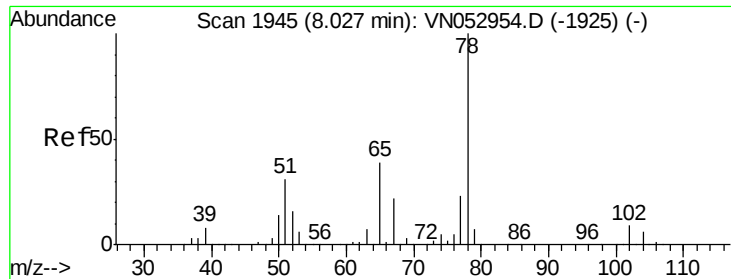
Tot Ion: 76 Resp: 9613
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8

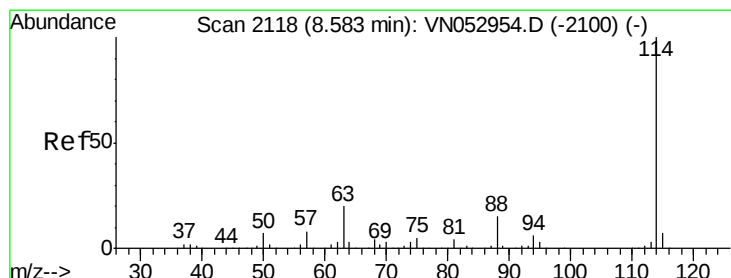
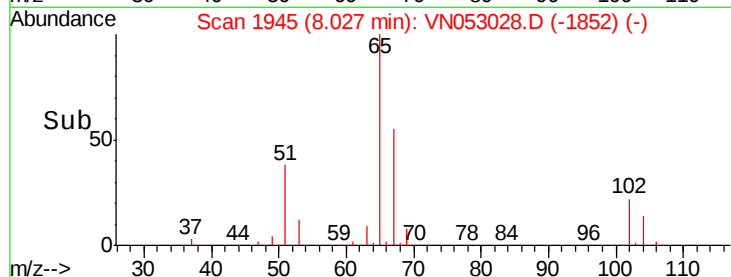
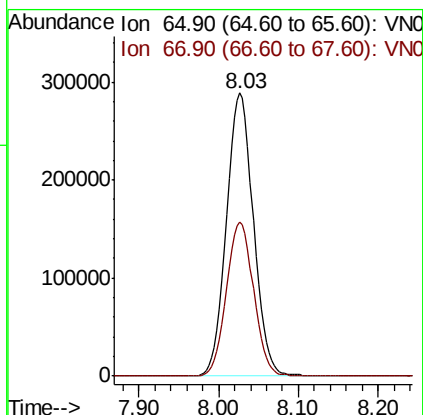
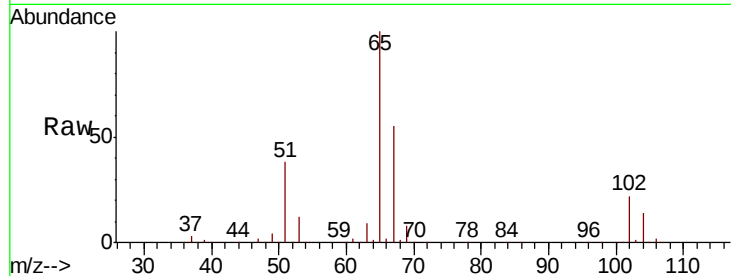




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

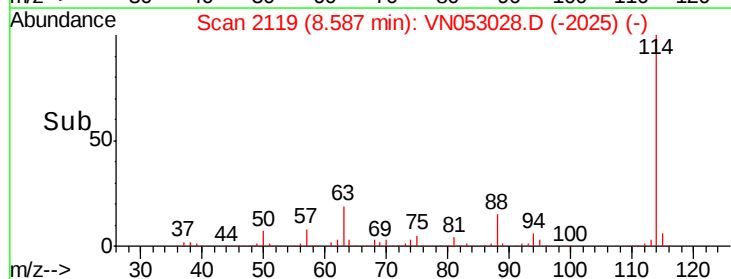
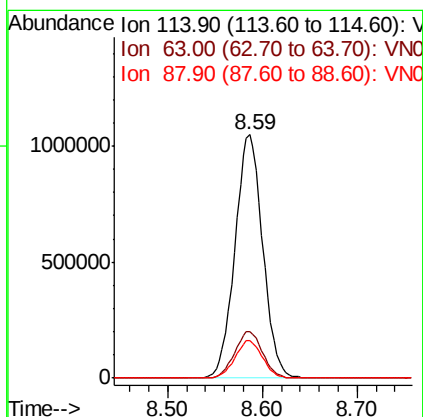
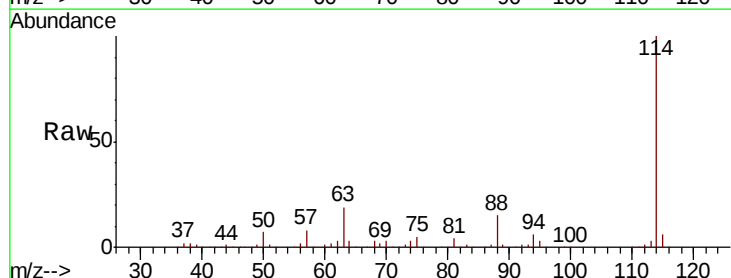
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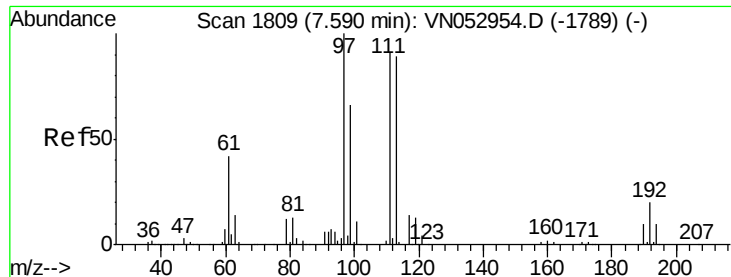
Tot Ion: 65 Resp: 664755
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion: 114 Resp: 2134927
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.5 0.0 31.0

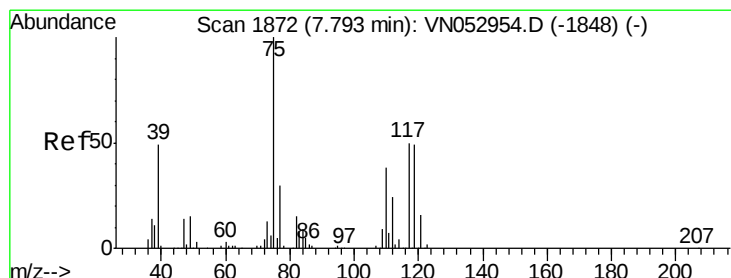
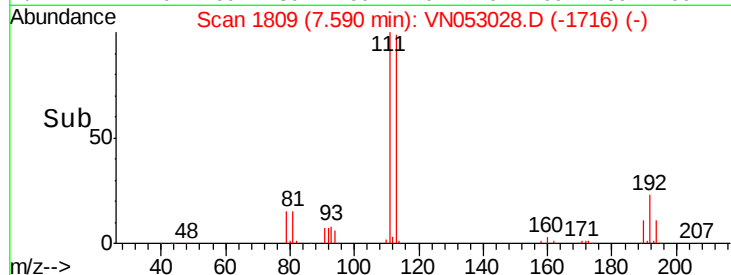
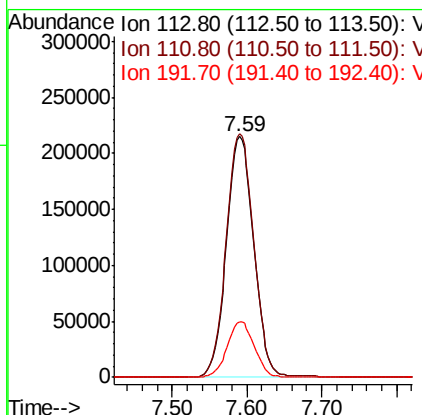
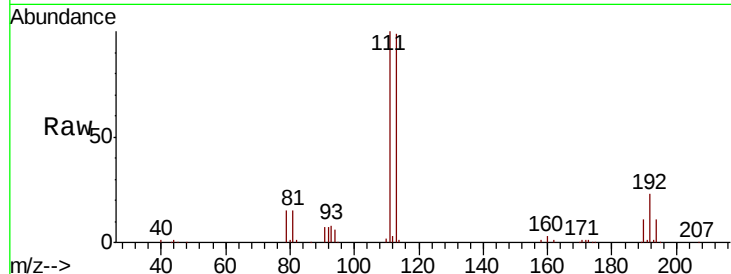




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

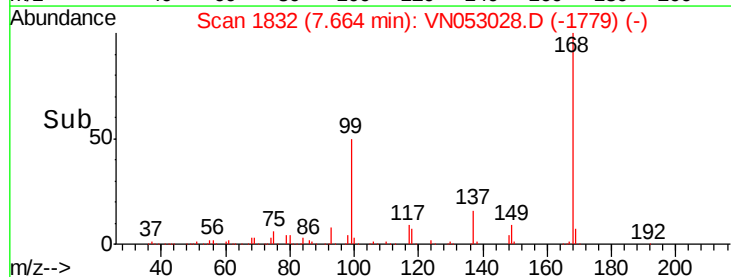
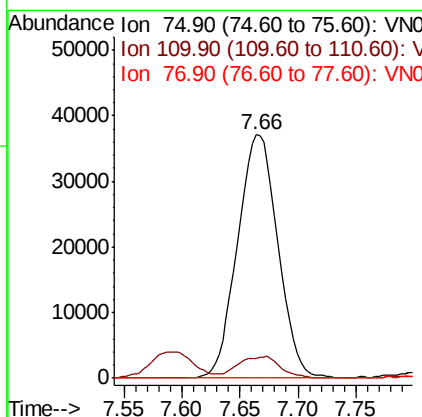
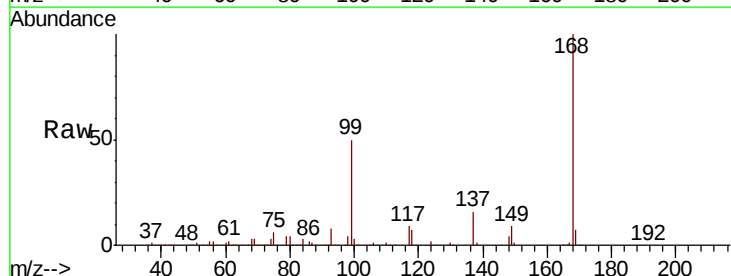
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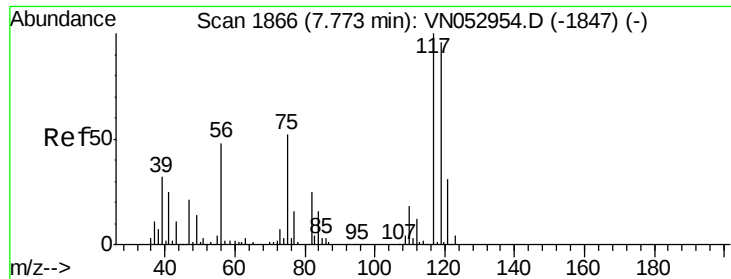
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	22.8	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.386 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.407 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

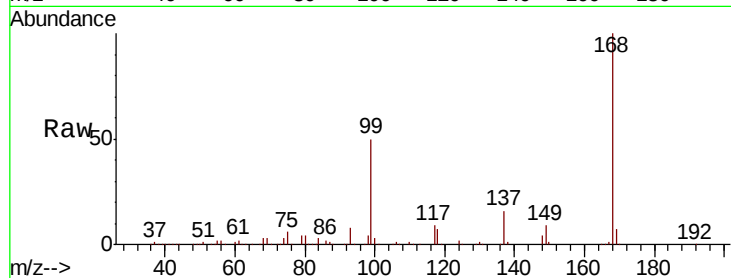
Tot Ion:117 Resp: 120341

Ion Ratio Lower Upper

117 100

119 5.1 77.1 115.7#

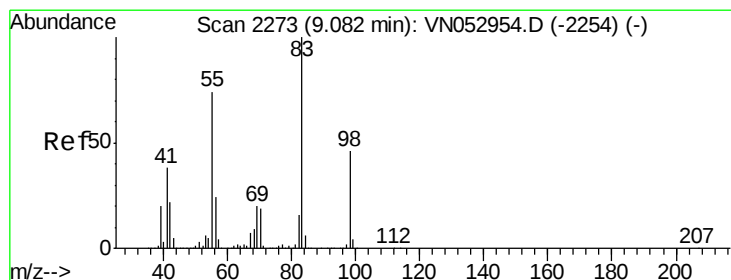
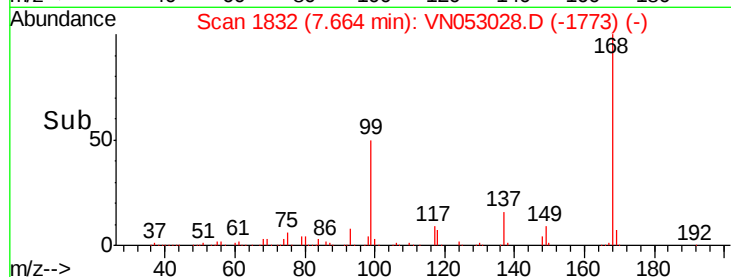
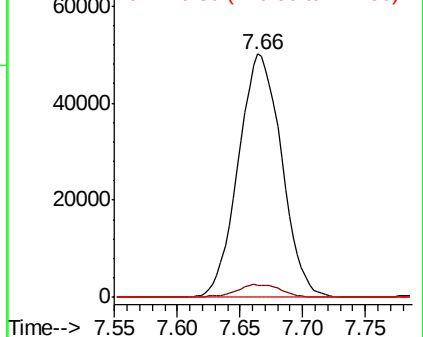
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 2.800 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

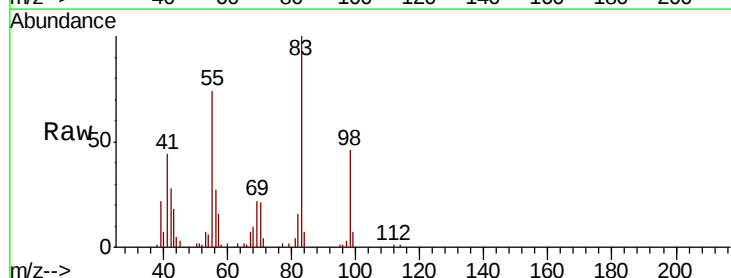
Tgt Ion: 83 Resp: 69695

Ion Ratio Lower Upper

83 100

55 74.3 61.3 91.9

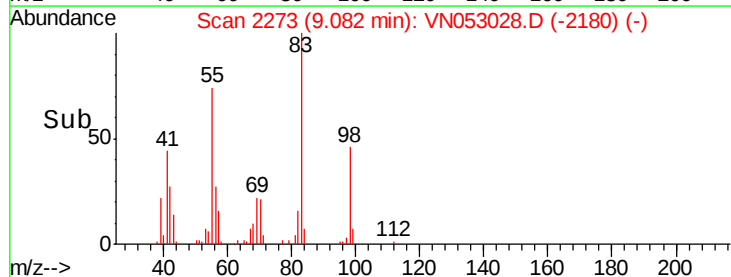
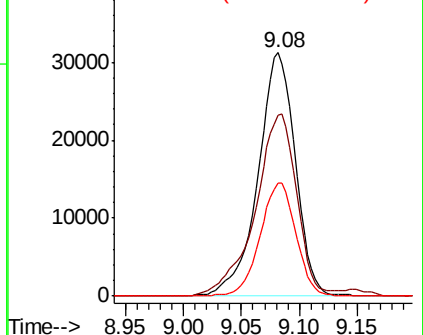
98 46.3 37.0 55.4

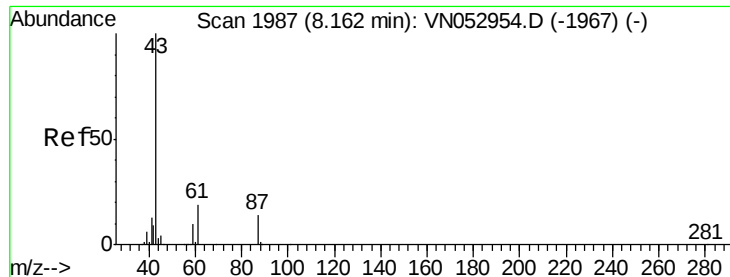


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 9.724 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

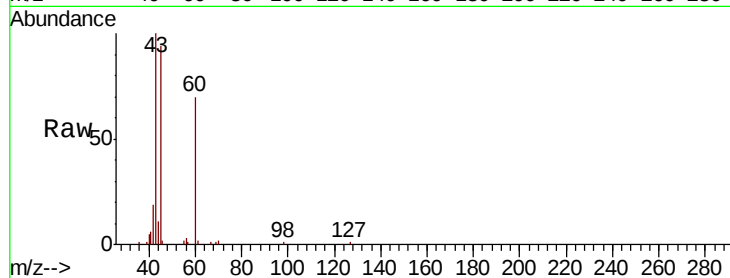
Tot Ion: 43 Resp: 233883

Ion Ratio Lower Upper

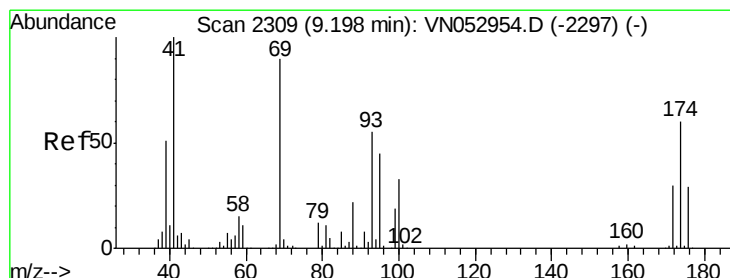
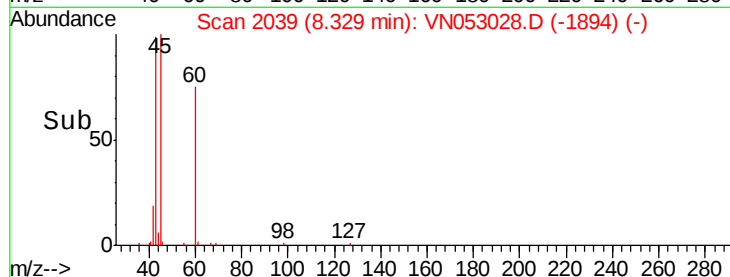
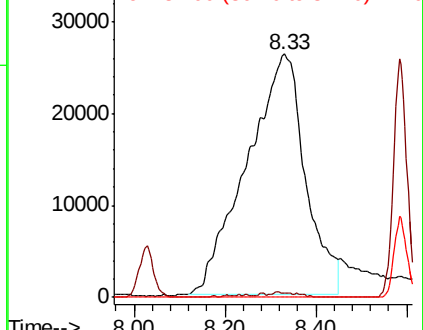
43 100

61 0.2 22.9 34.3#

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 0.438 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.05 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

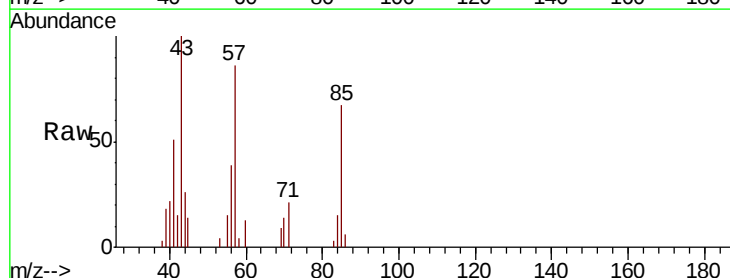
Tgt Ion: 41 Resp: 4858

Ion Ratio Lower Upper

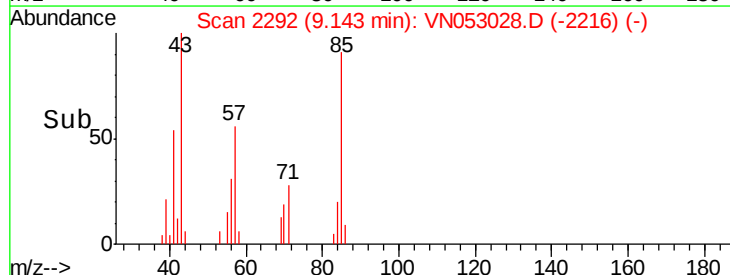
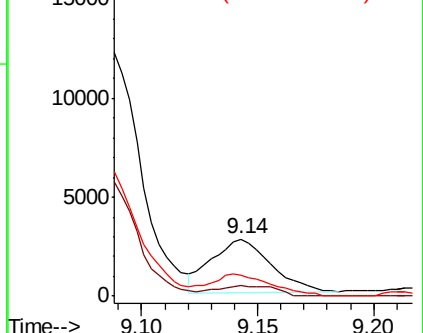
41 100

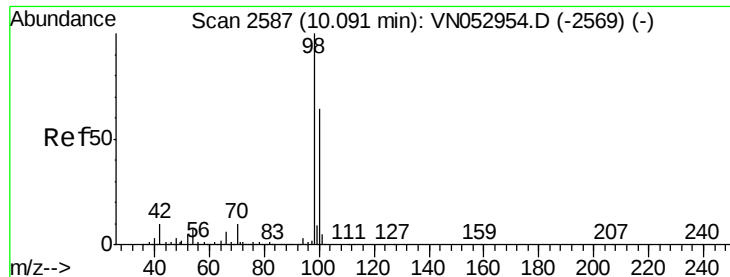
69 18.9 72.2 108.2#

39 40.0 41.9 62.9#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

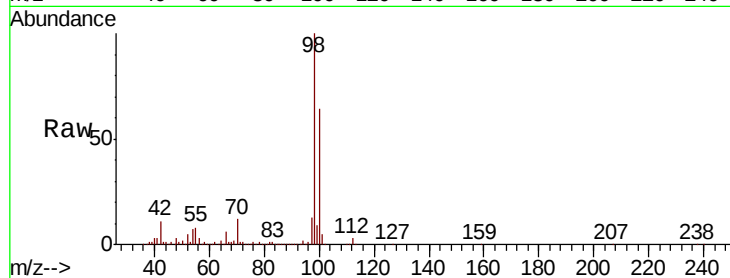
EP1-SBR-1A(8-9FT)1218

Tot Ion: 98 Resp: 2658228

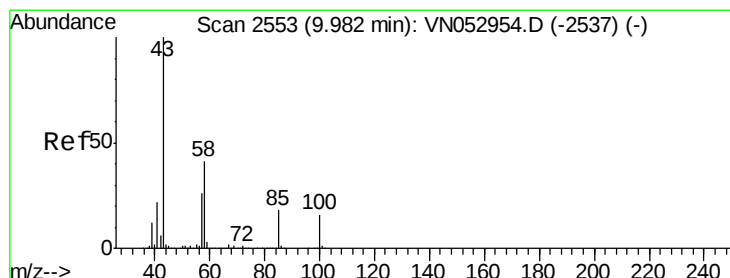
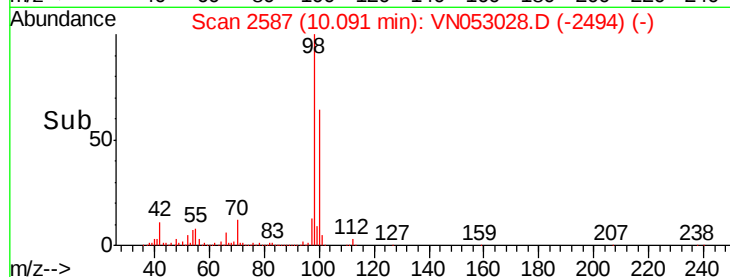
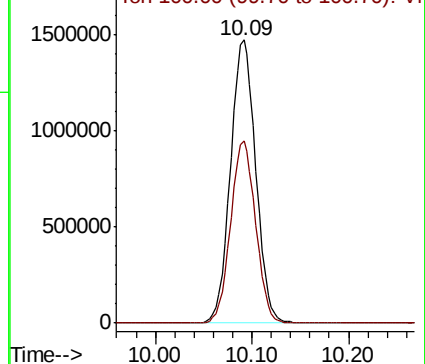
Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 2.673 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN053028.D

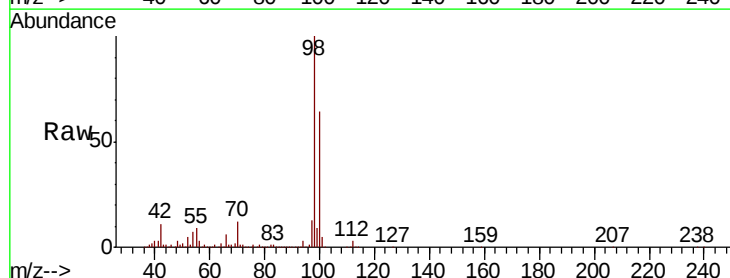
Acq: 19 Dec 2018 23:43

Tgt Ion: 43 Resp: 29613

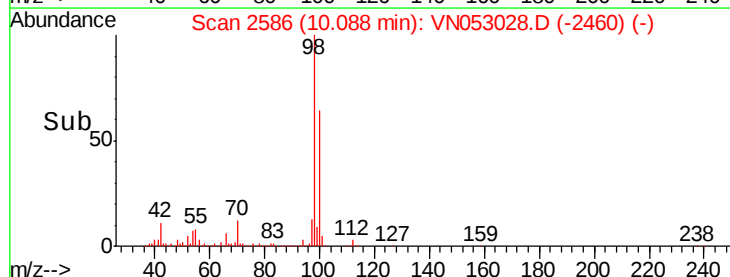
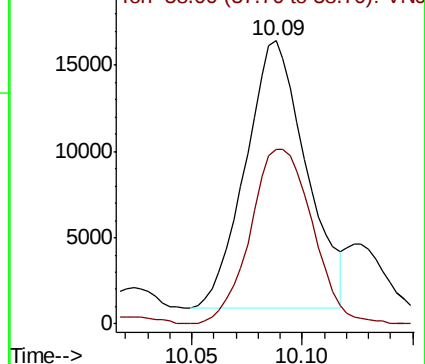
Ion Ratio Lower Upper

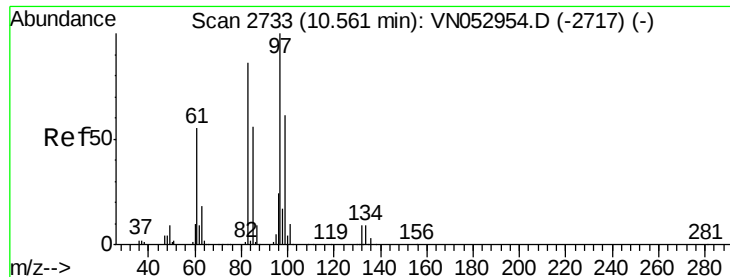
43 100

58 66.8 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

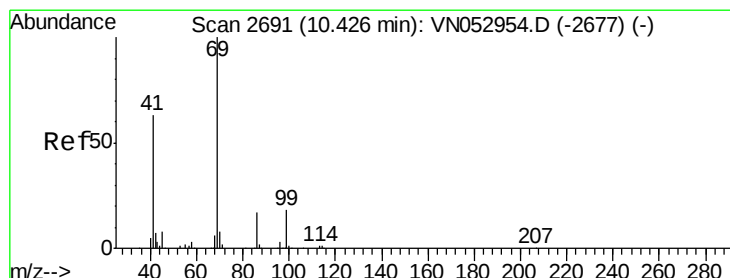
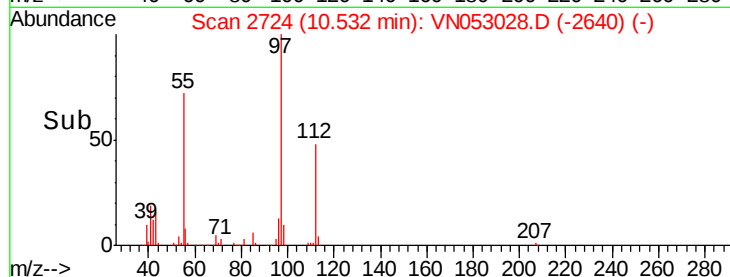
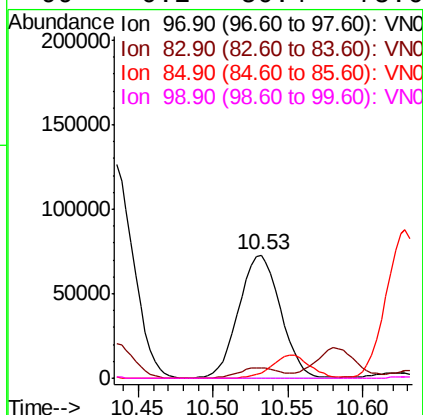
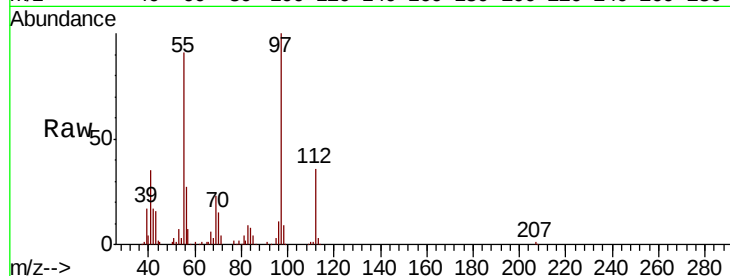




#55
 1,1,2-Trichloroethane
 Concen: 10.685 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

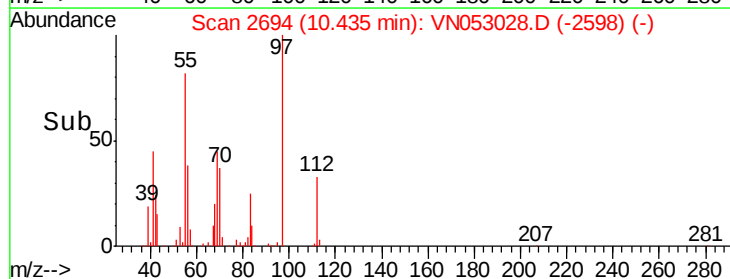
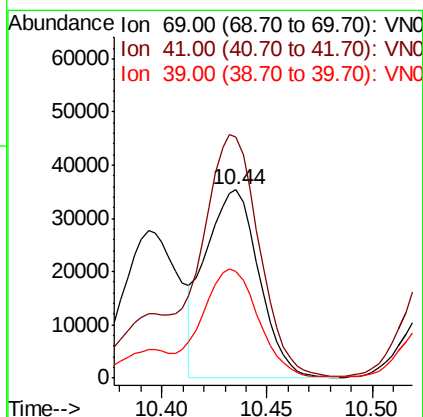
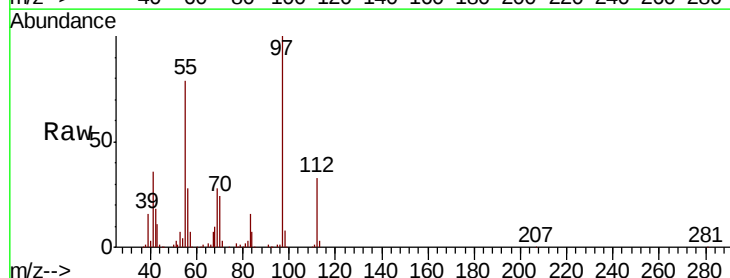
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

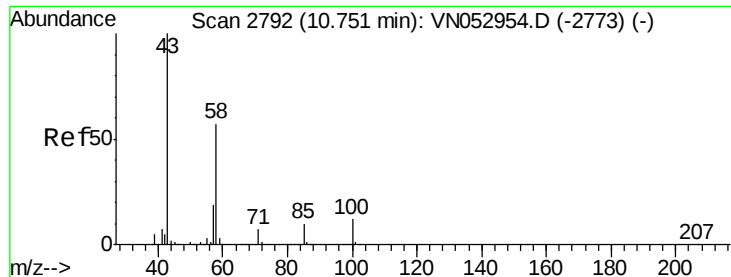
Tot Ion: 97 Resp: 140828
 Ion Ratio Lower Upper
 97 100
 83 8.6 70.9 106.3#
 85 4.3 45.4 68.2#
 99 0.2 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 3.536 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion: 69 Resp: 61686
 Ion Ratio Lower Upper
 69 100
 41 136.3 51.7 77.5#
 39 60.4 24.6 37.0#





#59

2-Hexanone

Concen: 128.941 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

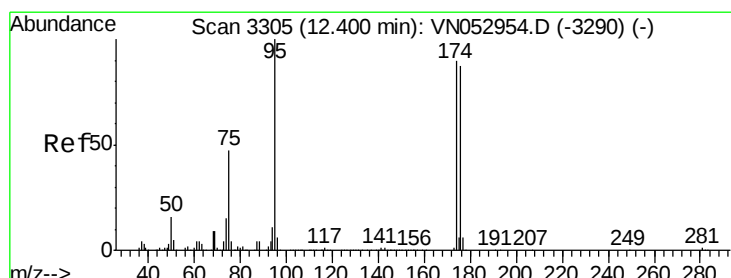
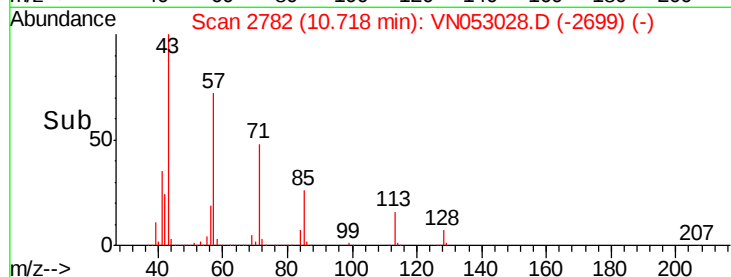
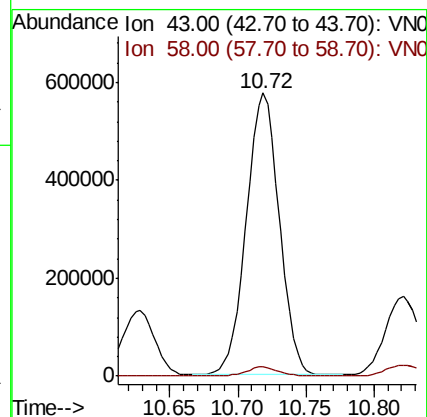
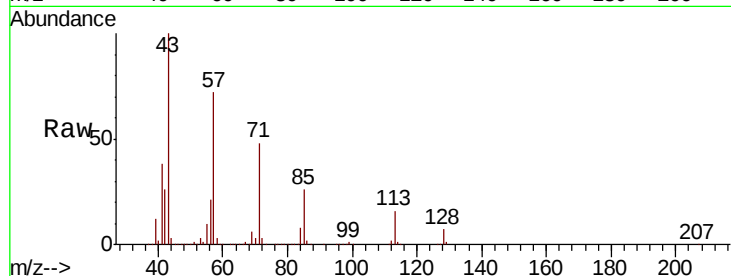
EP1-SBR-1A(8-9FT)1218

Tot Ion: 43 Resp: 966451

Ion Ratio Lower Upper

43 100

58 3.3 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: VN053028.D

Acq: 19 Dec 2018 23:43

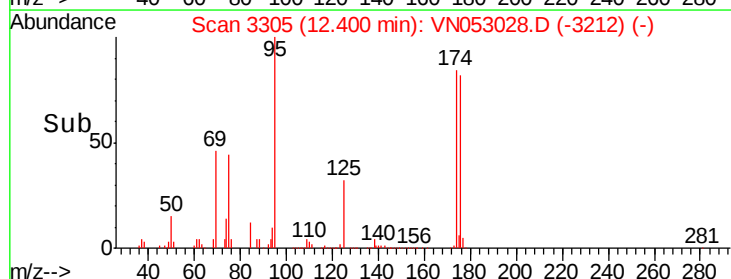
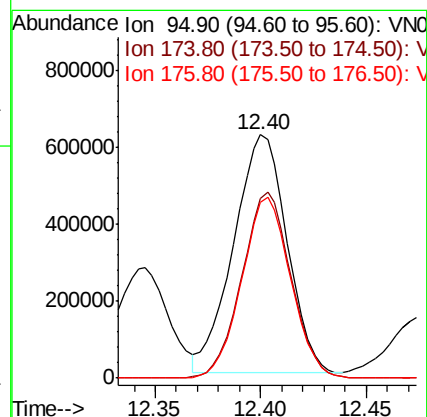
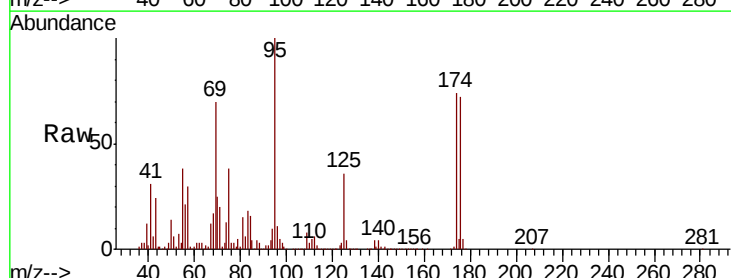
Tgt Ion: 95 Resp: 1082990

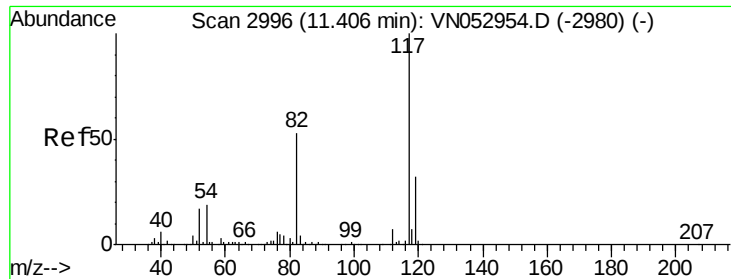
Ion Ratio Lower Upper

95 100

174 72.3 0.0 178.8

176 70.1 0.0 173.8

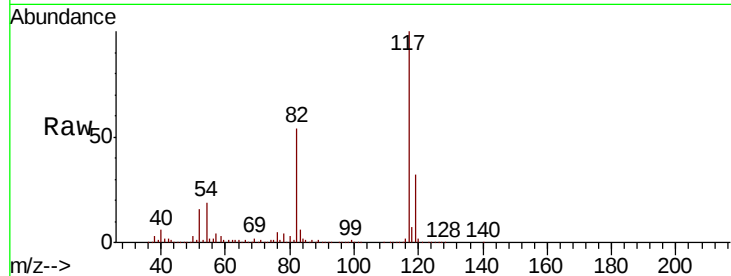




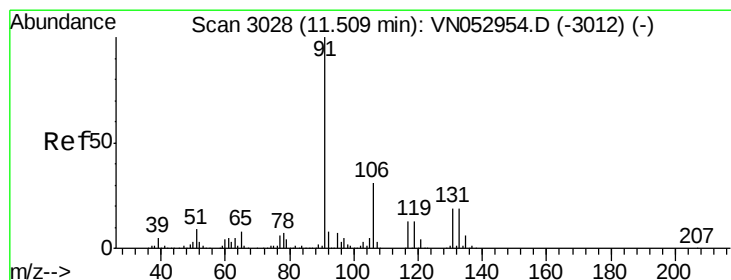
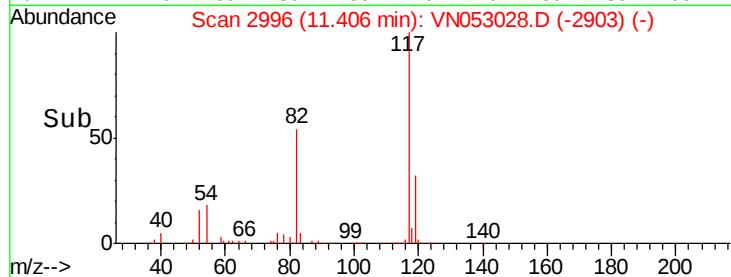
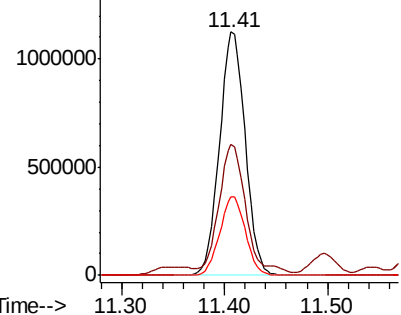
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tot Ion:117 Resp: 1954766
Ion Ratio Lower Upper
117 100
82 50.6 42.8 64.2
119 32.3 25.5 38.3

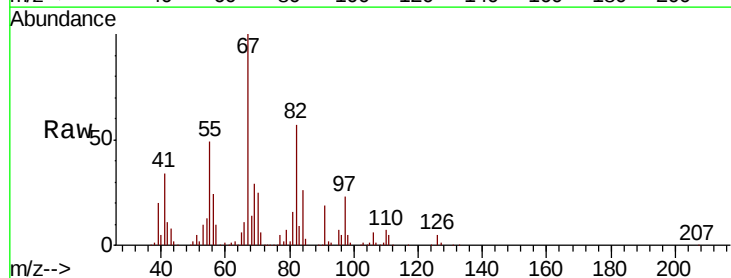


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

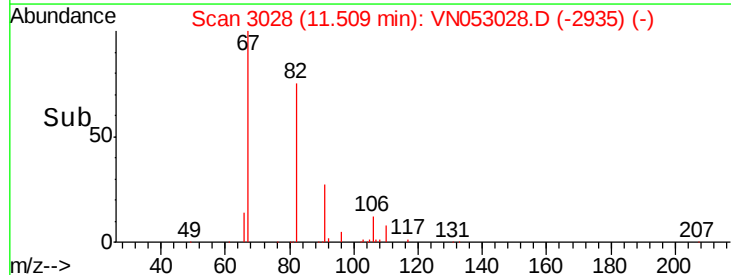
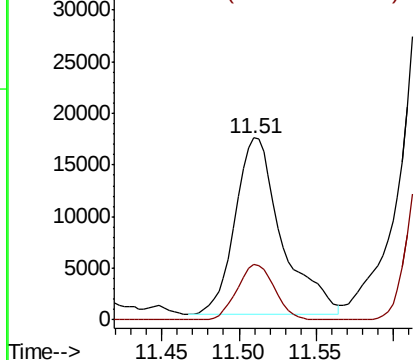


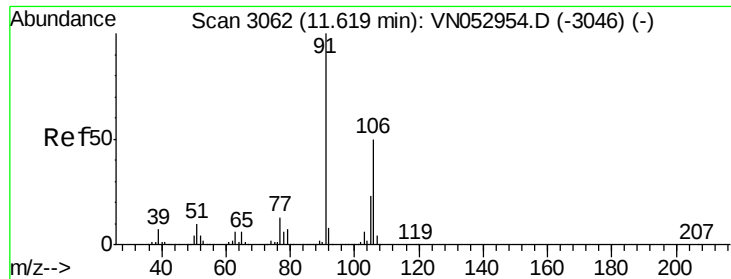
#67
Ethyl Benzene
Concen: 0.482 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion: 91 Resp: 35932
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



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

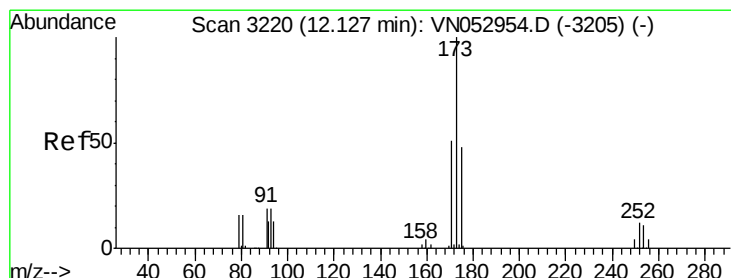
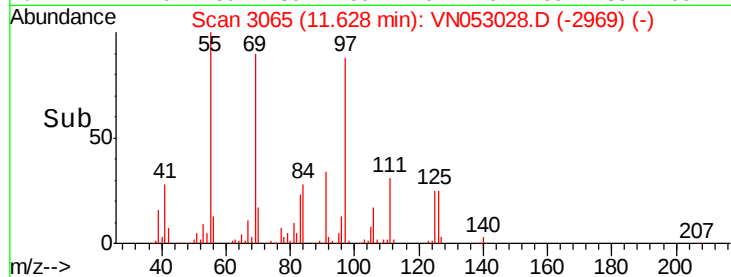
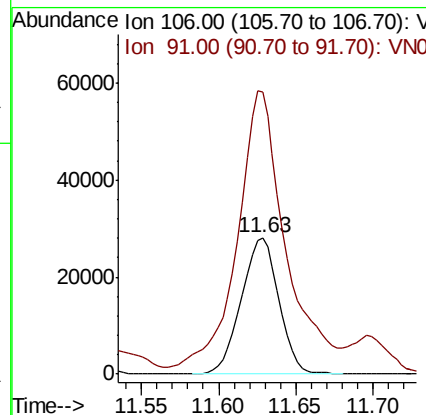
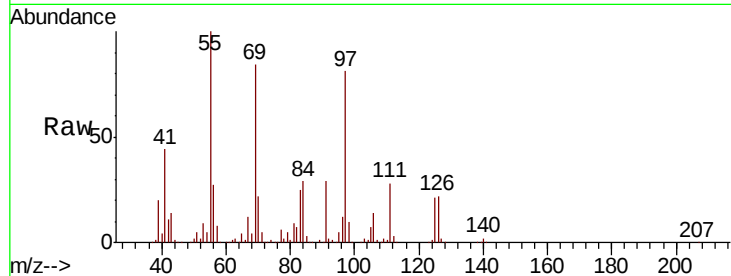




#68
m/p-Xvlenes
Concen: 1.673 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

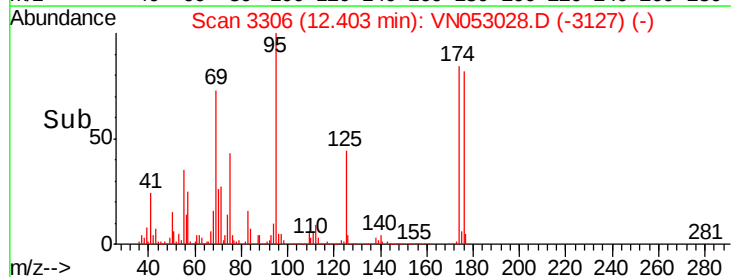
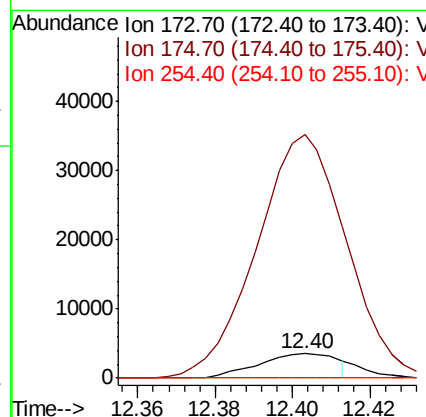
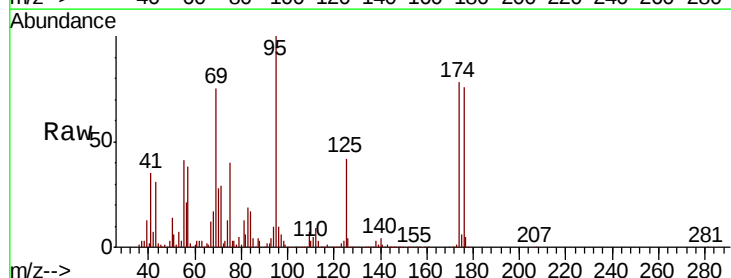
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

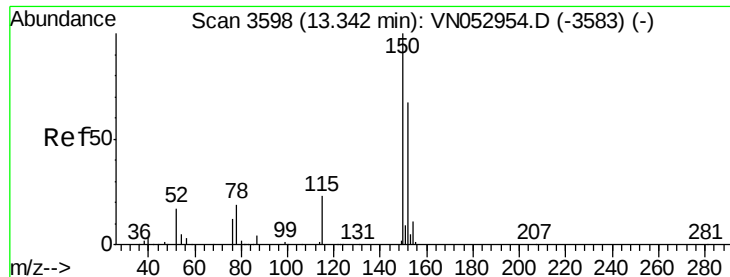
Tot Ion:106 Resp: 47407
Ion Ratio Lower Upper
106 100
91 261.2 162.2 243.4#



#71
Bromoform
Concen: 0.464 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:173 Resp: 5046
Ion Ratio Lower Upper
173 100
175 979.5 24.3 72.9#
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: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

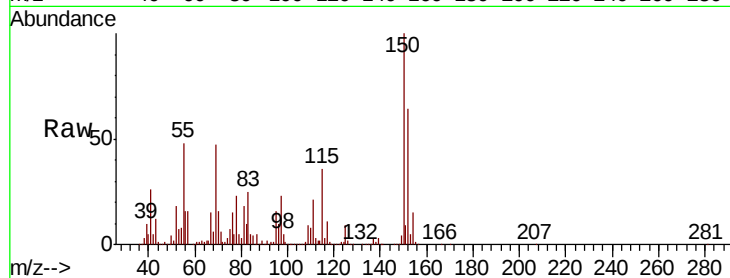
Tot Ion:152 Resp: 831504

Ion Ratio Lower Upper

152 100

115 51.4 28.3 85.0

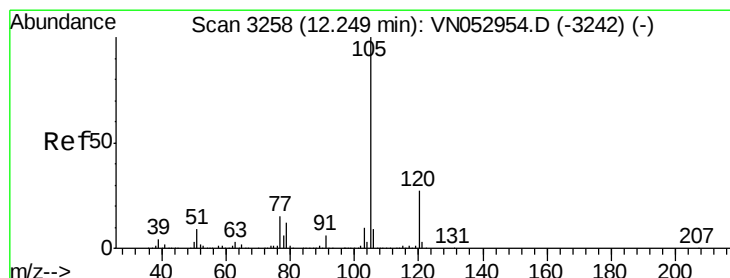
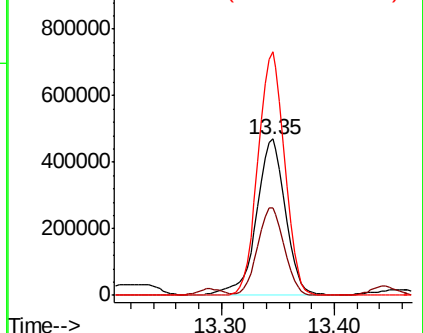
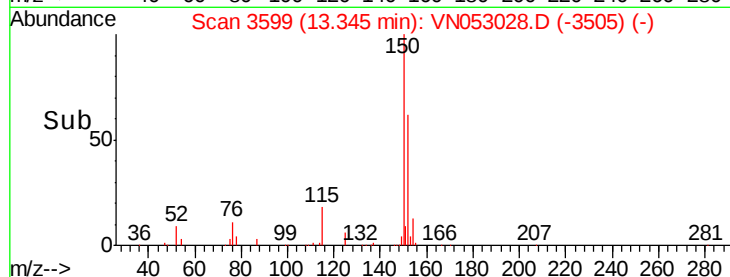
150 143.3 0.0 347.8



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: 29.422 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053028.D

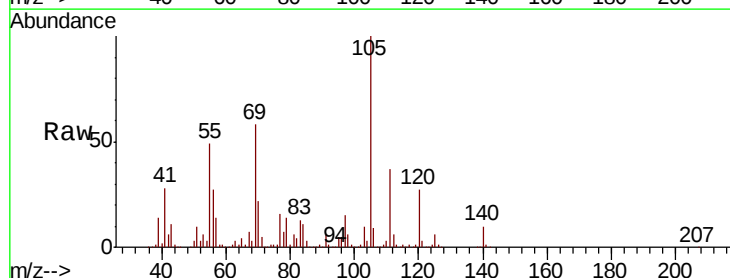
Acq: 19 Dec 2018 23:43

Tgt Ion:105 Resp: 1914106

Ion Ratio Lower Upper

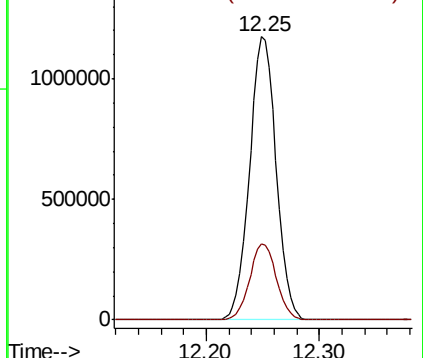
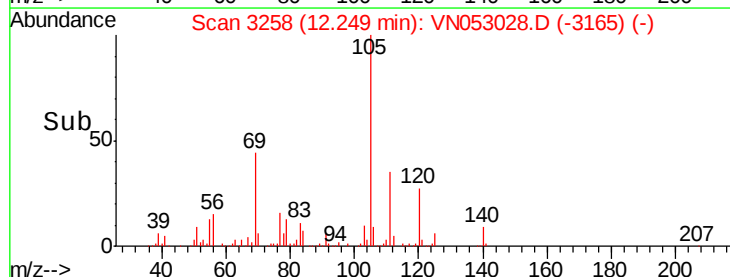
105 100

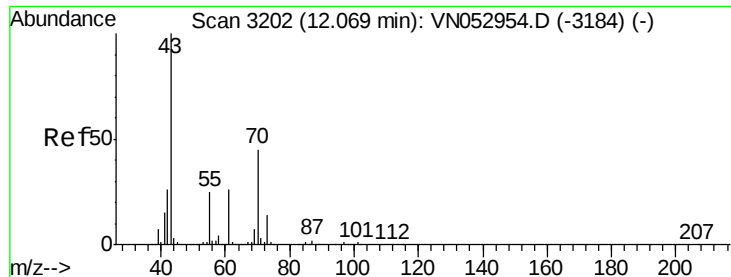
120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 200.368 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

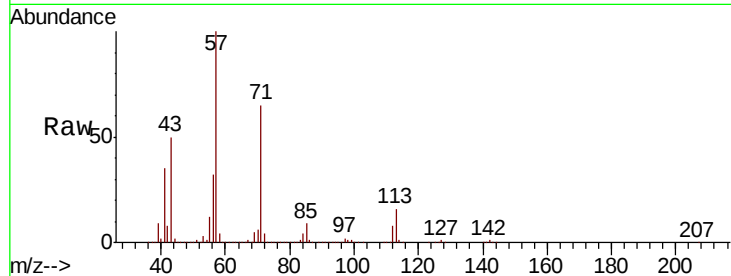
MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

Tot Ion: 43 Resp: 3619137

Ion	Ratio	Lower	Upper
43	100		
70	9.5	34.2	51.4#
55	21.4	20.3	30.5
61	0.0	20.0	30.0#



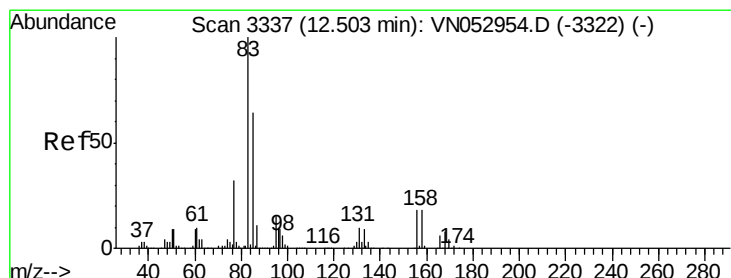
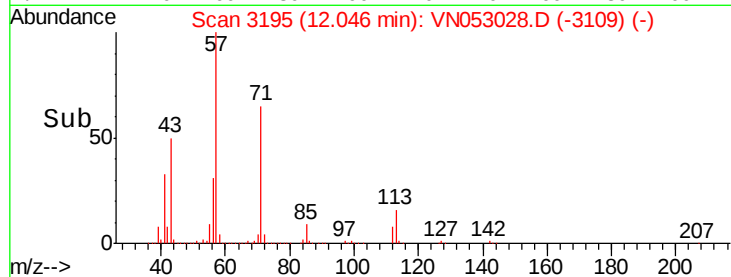
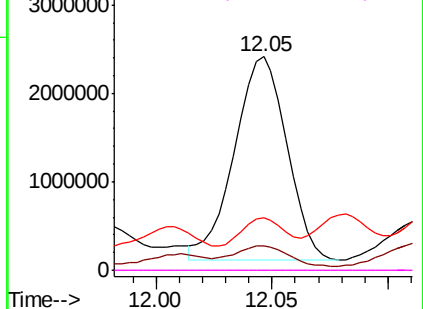
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: 21.771 ug/l

RT: 12.48 min Scan# 3329

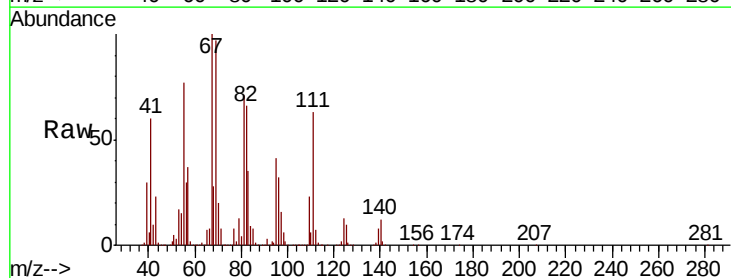
Delta R.T. -0.03 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Tgt Ion: 83 Resp: 277877

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	70.4	32.4	97.0

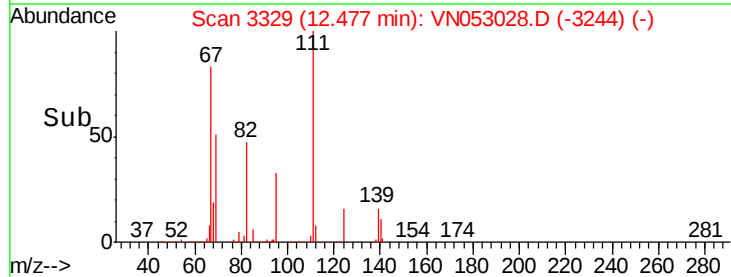
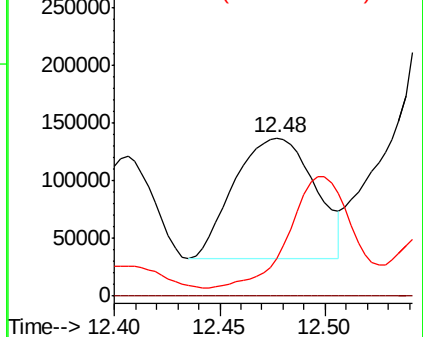


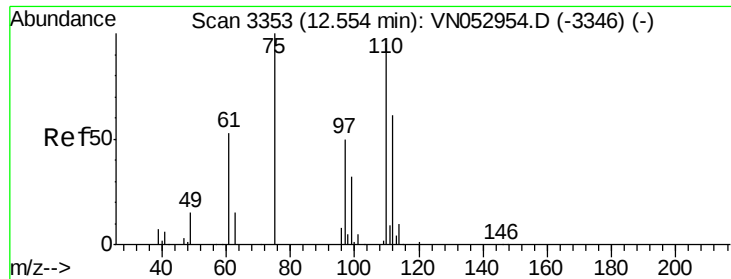
Abundance

Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 1.936 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

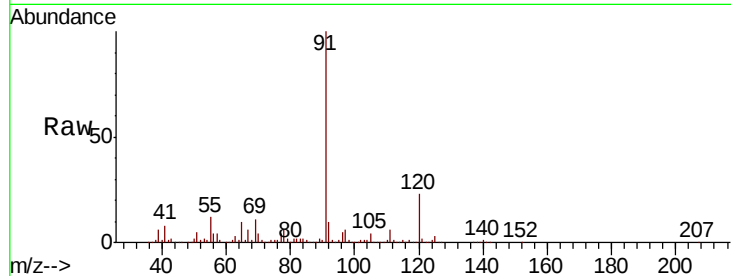
EP1-SBR-1A(8-9FT)1218

Tot Ion: 75 Resp: 27103

Ion Ratio Lower Upper

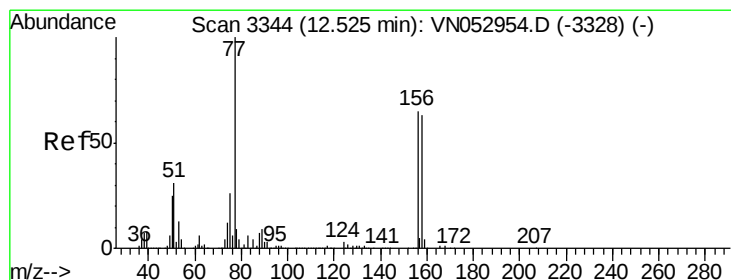
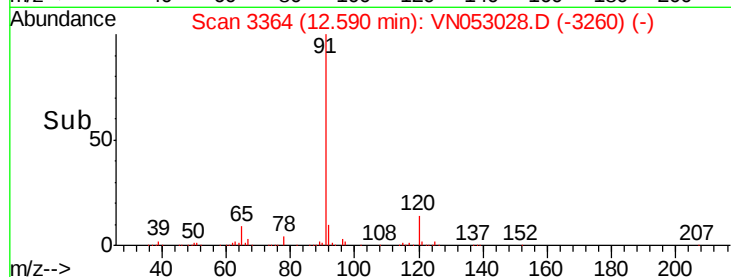
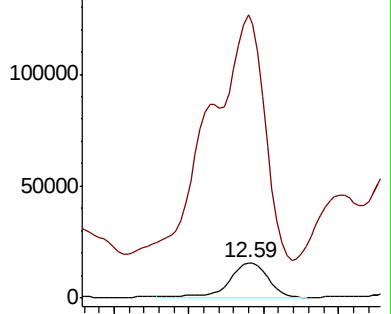
75 100

77 991.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)



#77

Bromobenzene

Concen: 0.260 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.03 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

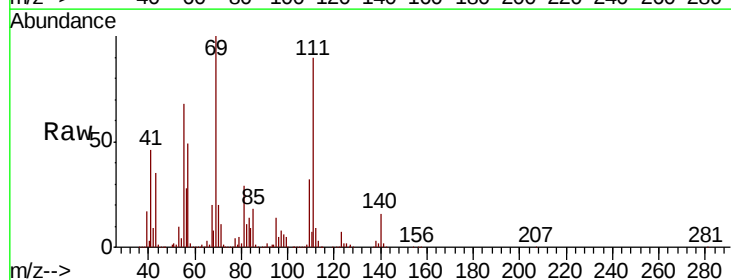
Tgt Ion: 156 Resp: 4404

Ion Ratio Lower Upper

156 100

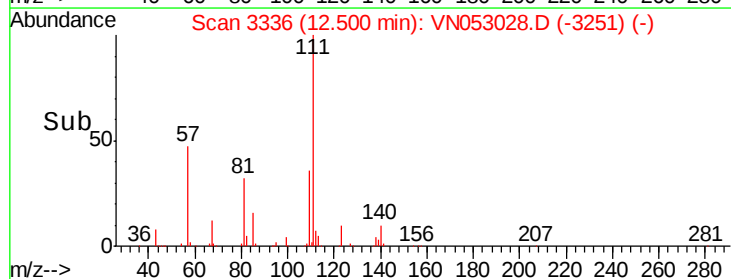
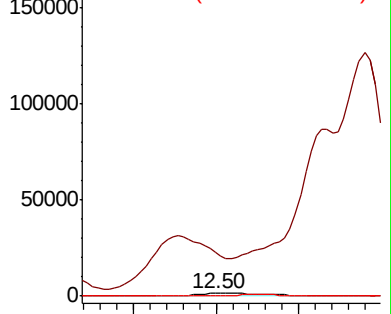
77 0.0 91.3 273.8#

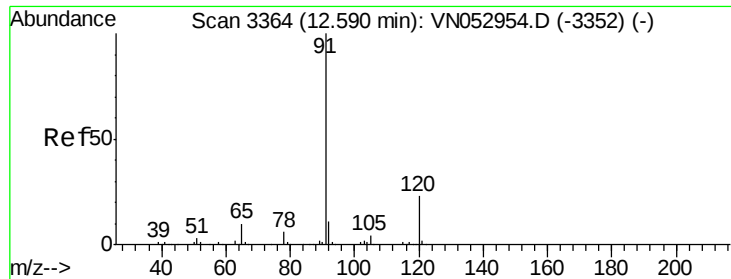
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN052954.D (-3328) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3328) (-)





#78

n-propylbenzene

Concen: 67.037 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

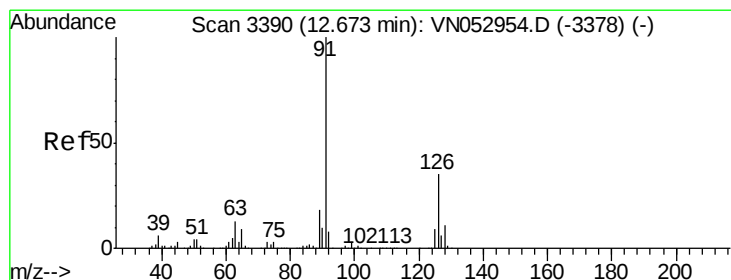
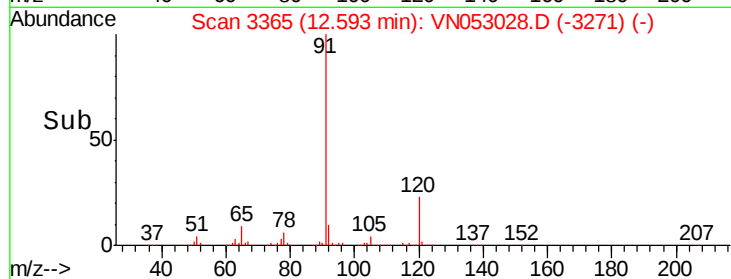
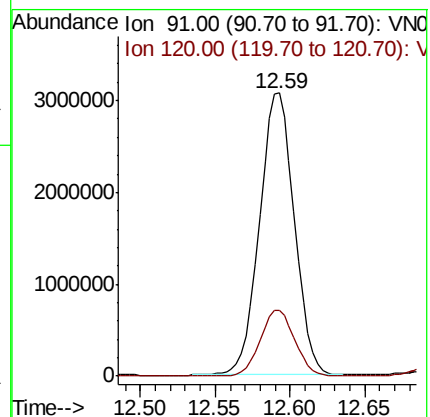
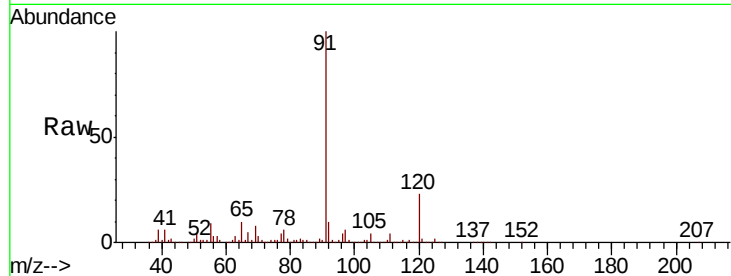
EP1-SBR-1A(8-9FT)1218

Tot Ion: 91 Resp: 4967126

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5



#79

2-Chlorotoluene

Concen: 108.151 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053028.D

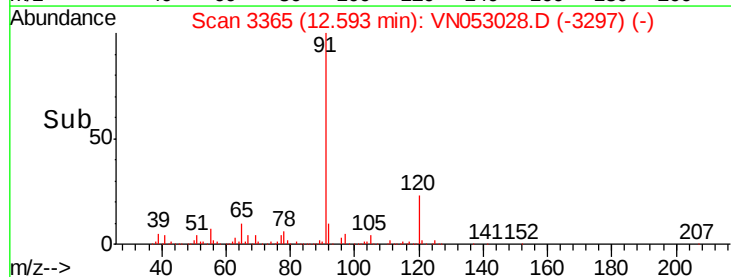
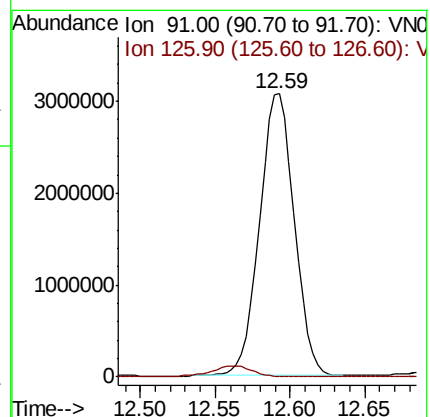
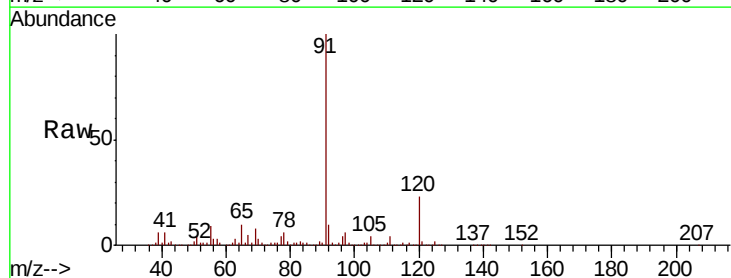
Acq: 19 Dec 2018 23:43

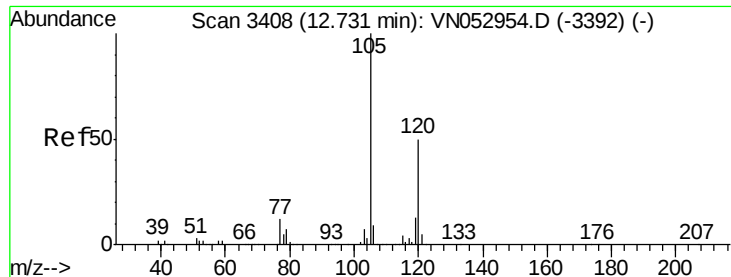
Tgt Ion: 91 Resp: 4967126

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#

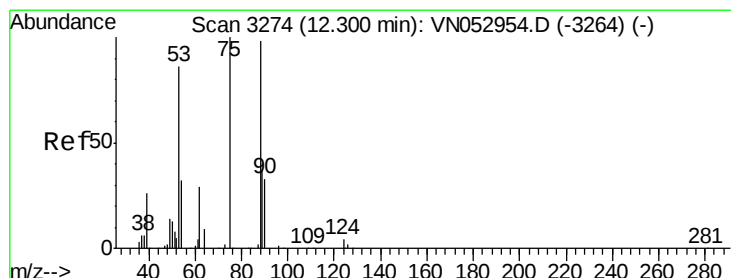
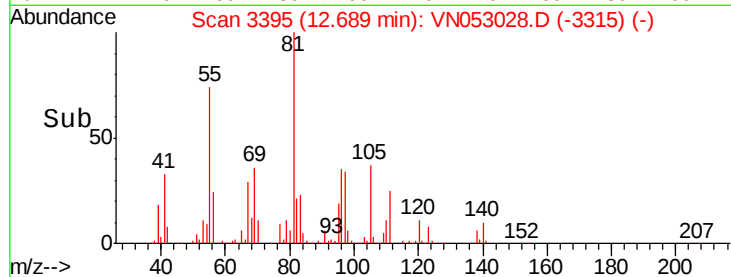
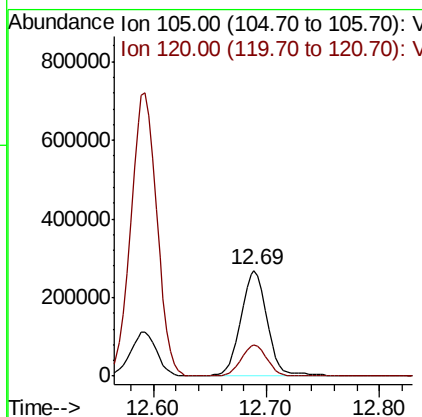
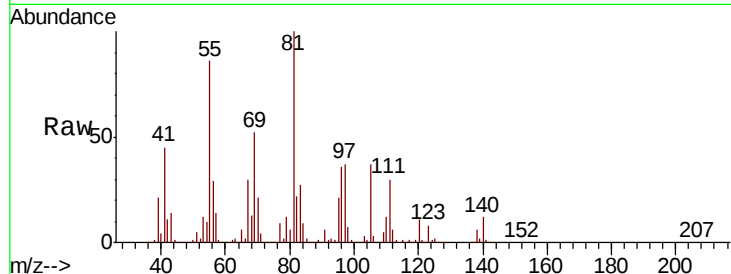




#80
 1,3,5-Trimethylbenzene
 Concen: 8.112 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.04 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

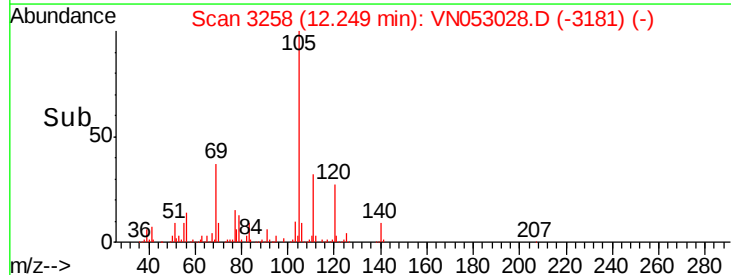
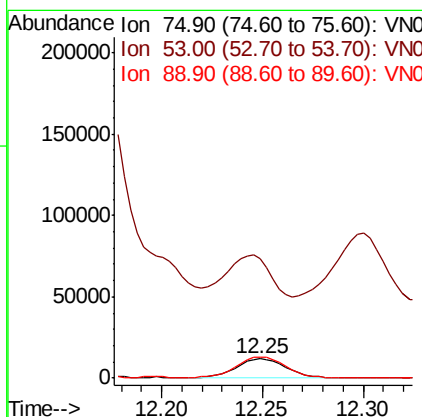
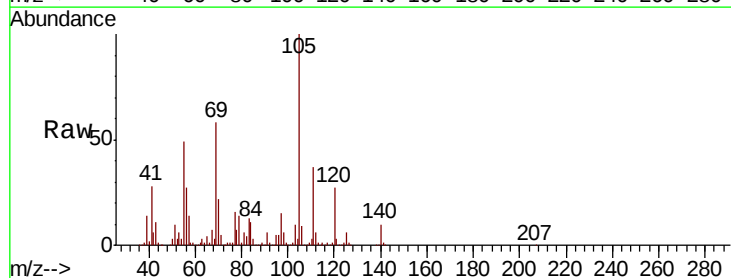
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

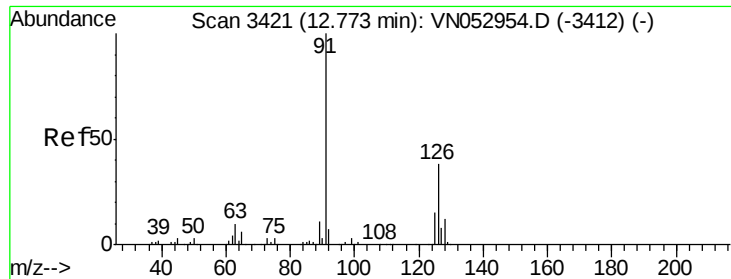
Tot Ion:105 Resp: 430183
 Ion Ratio Lower Upper
 105 100
 120 28.9 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.422 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion: 75 Resp: 19204
 Ion Ratio Lower Upper
 75 100
 53 194.3 74.7 112.1#
 89 110.9 36.1 54.1#





#82

4-Chlorotoluene

Concen: 110.962 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

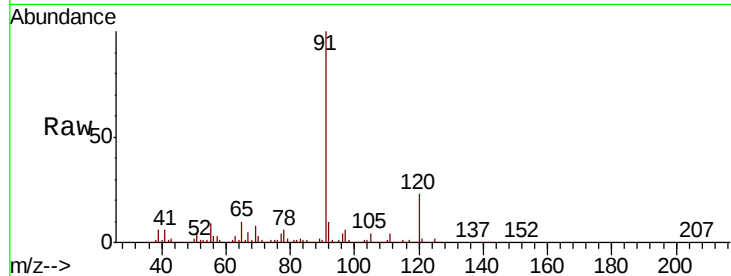
EP1-SBR-1A(8-9FT)1218

Tot Ion: 91 Resp: 4988730

Ion Ratio Lower Upper

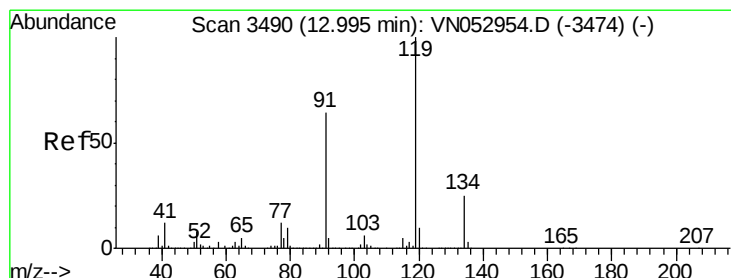
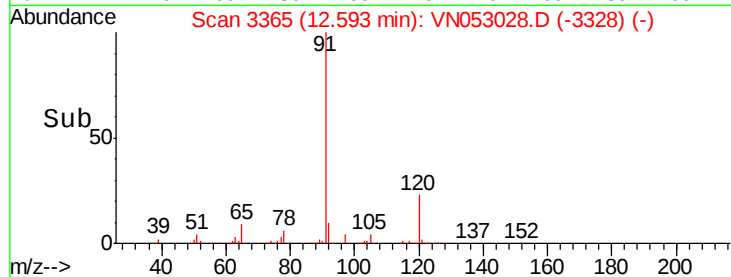
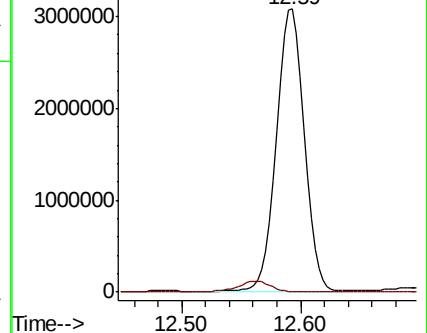
91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN053028.D (-3365) (-)

Ion 125.90 (125.60 to 126.60): VN053028.D (-3365) (-)



#83

tert-Butylbenzene

Concen: 7.983 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

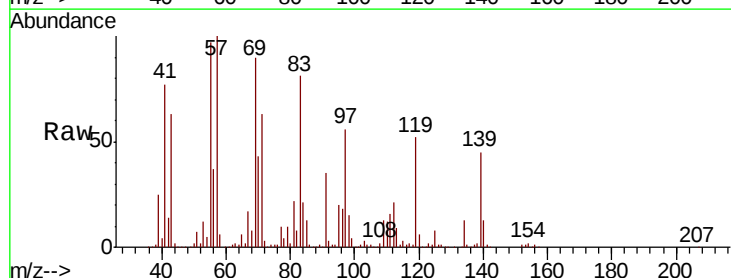
Tgt Ion: 119 Resp: 374401

Ion Ratio Lower Upper

119 100

91 67.6 31.9 95.5

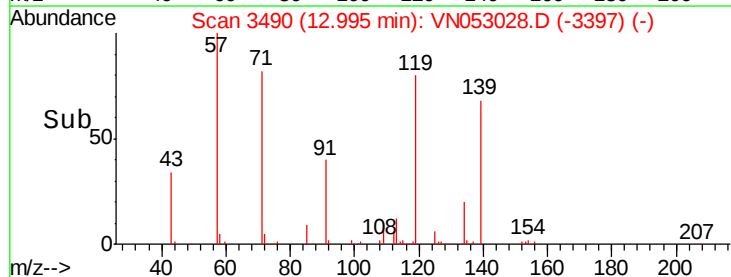
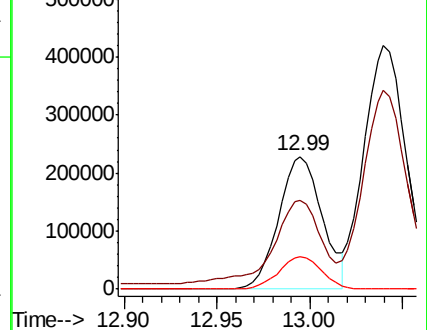
134 23.9 12.8 38.4

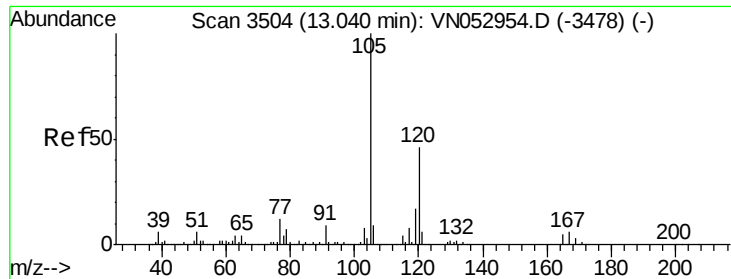


Abundance Ion 119.00 (118.70 to 119.70): VN052954.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3490) (-)





#84

1,2,4-Trimethylbenzene

Concen: 100.105 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

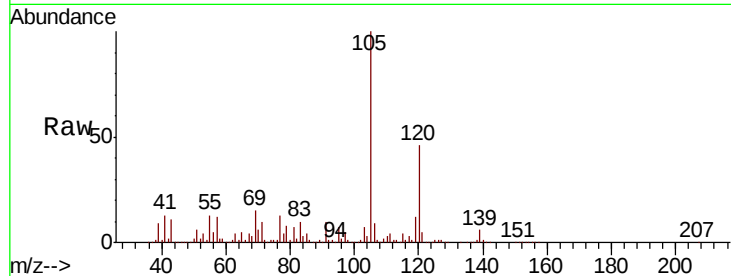
EP1-SBR-1A(8-9FT)1218

Tot Ion:105 Resp: 5336391

Ion Ratio Lower Upper

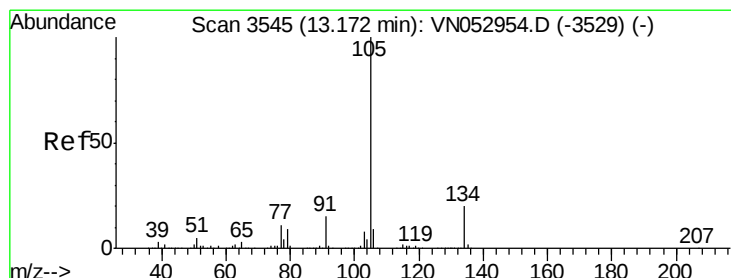
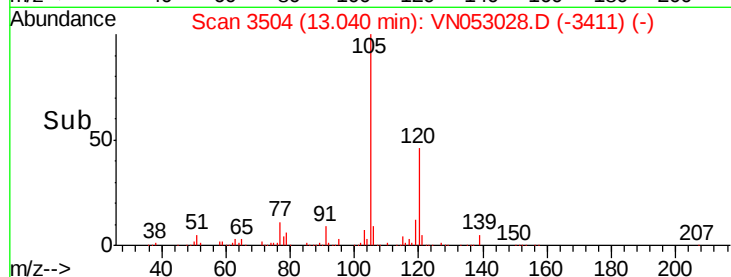
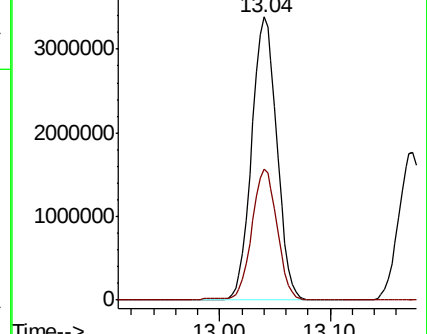
105 100

120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 44.433 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053028.D

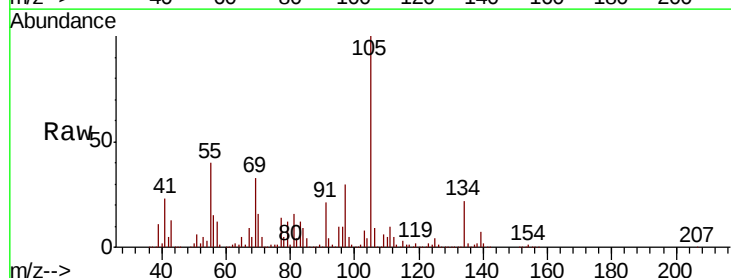
Acq: 19 Dec 2018 23:43

Tgt Ion:105 Resp: 2818552

Ion Ratio Lower Upper

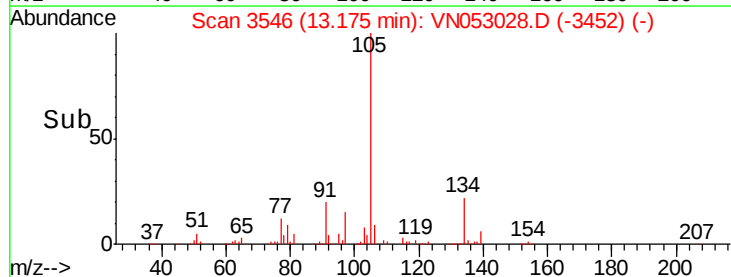
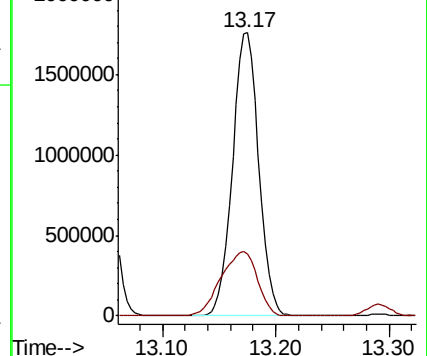
105 100

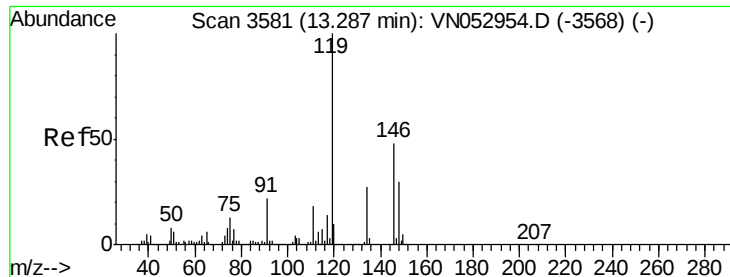
134 31.8 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

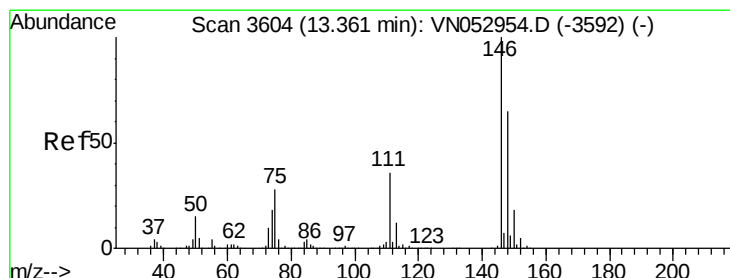
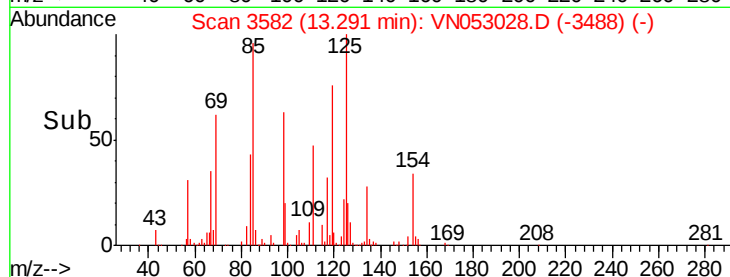
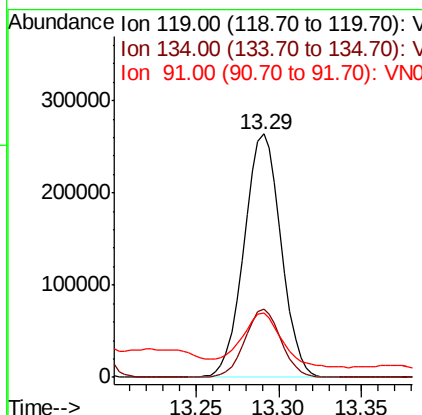
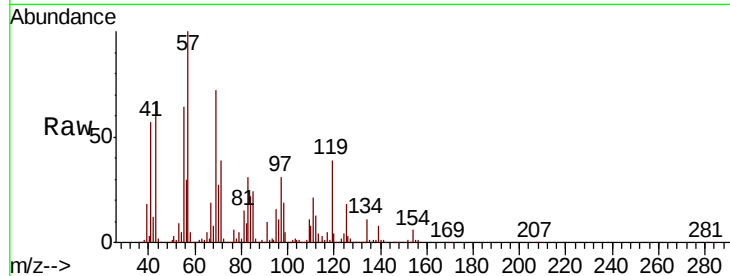




#86
 p-Isopropyltoluene
 Concen: 7.415 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

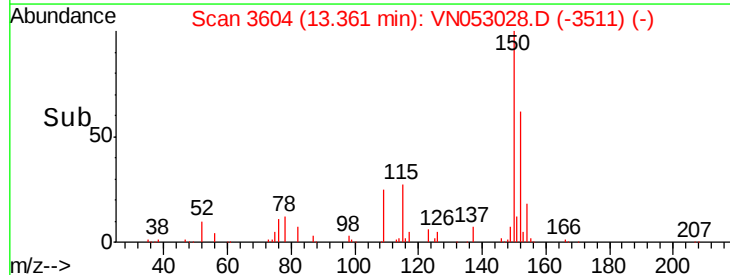
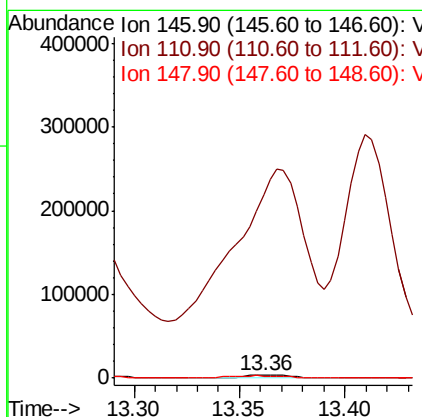
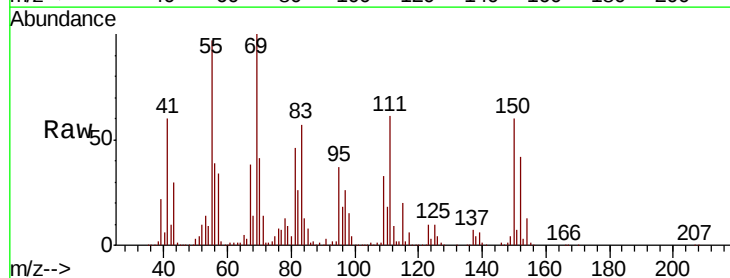
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

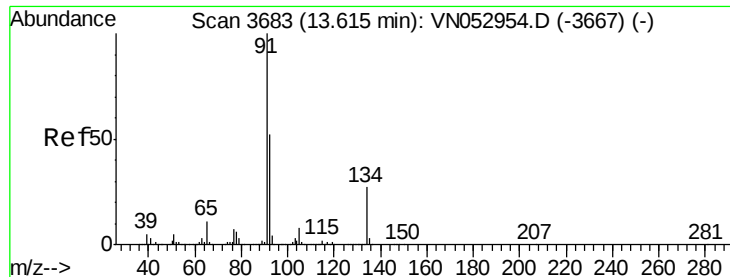
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.4	40.2
91	24.6	11.1	33.3



#88
 1,4-Dichlorobenzene
 Concen: 0.200 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	6496.5	18.6	55.8#
148	102.2	32.1	96.5#





#89

n-Butylbenzene

Concen: 55.368 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053028.D

Acq: 19 Dec 2018 23:43

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-1A(8-9FT)1218

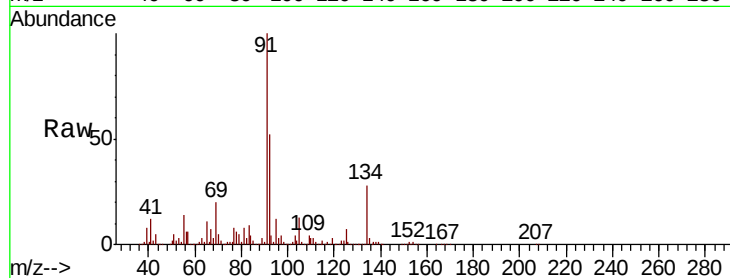
Tot Ion: 91 Resp: 2610941

Ion Ratio Lower Upper

91 100

92 49.2 26.3 78.9

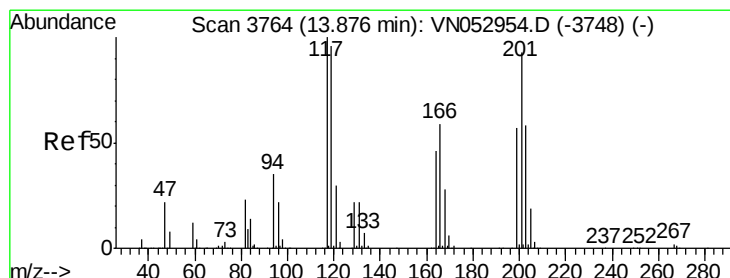
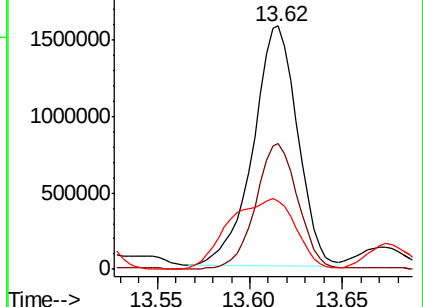
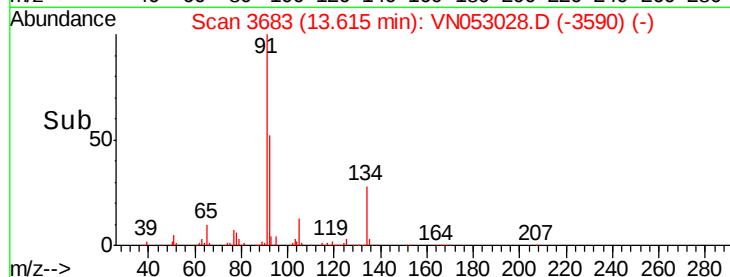
134 44.2 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 43.159 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053028.D

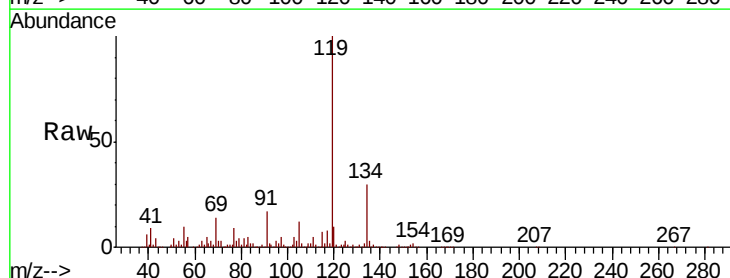
Acq: 19 Dec 2018 23:43

Tgt Ion: 117 Resp: 363027

Ion Ratio Lower Upper

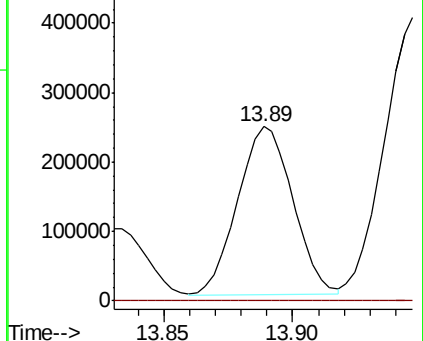
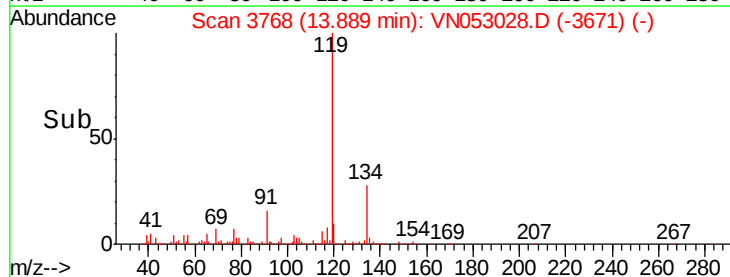
117 100

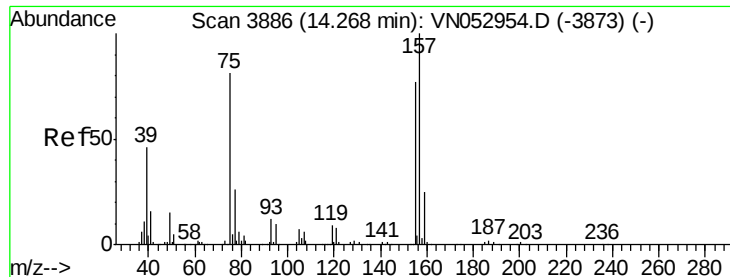
201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

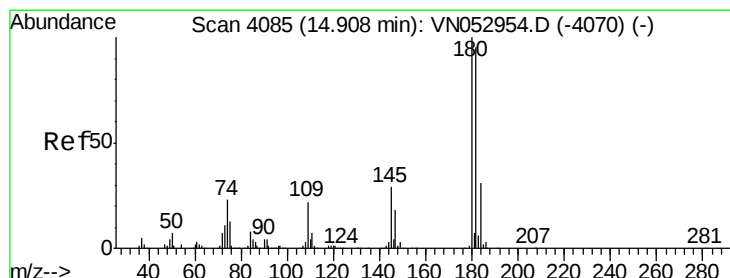
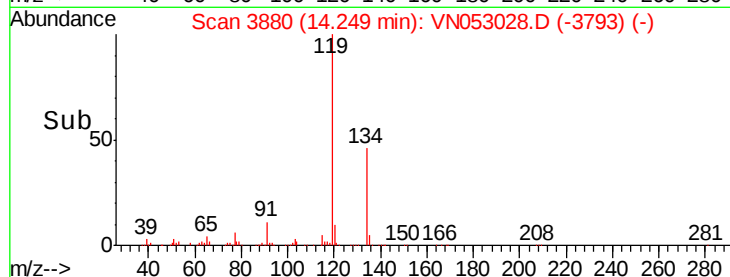
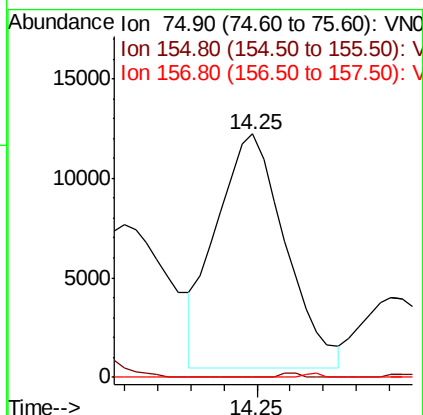
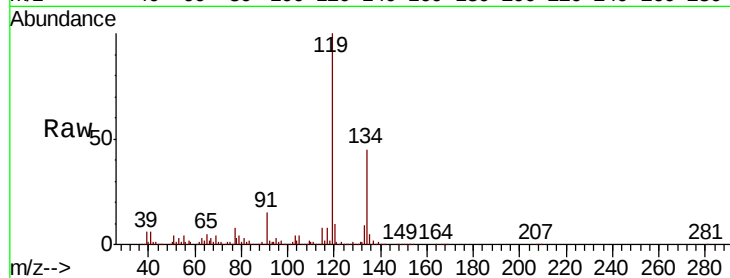




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.663 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

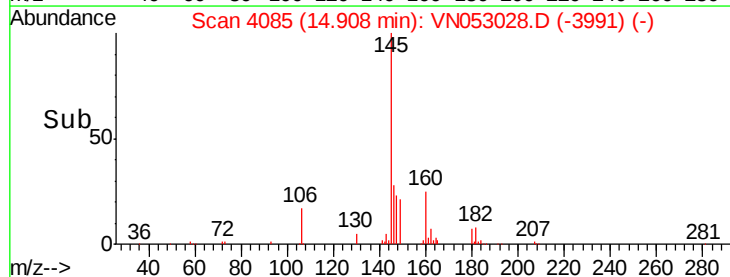
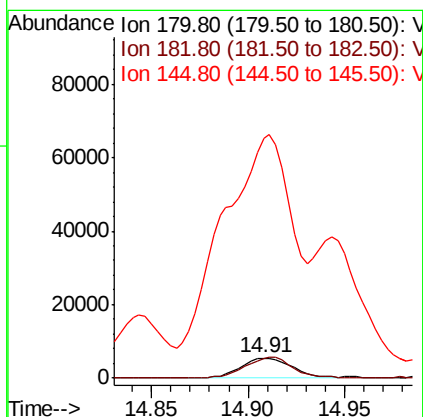
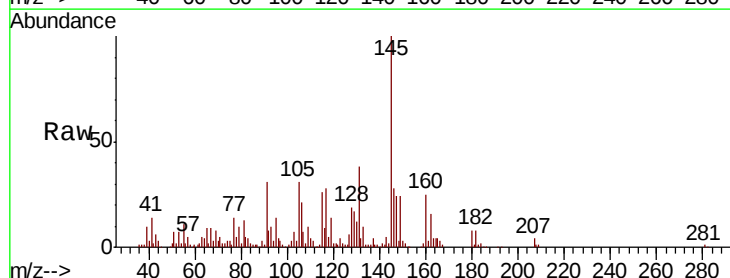
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

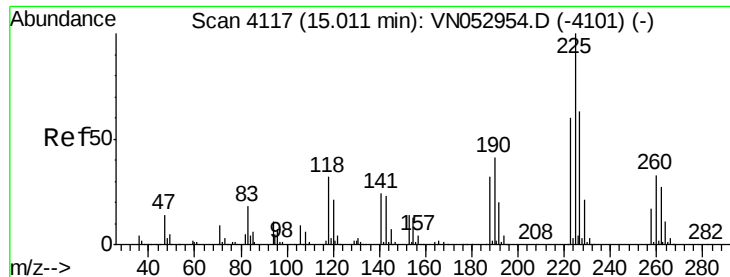
Tot Ion: 75 Resp: 16911
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.4 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.269 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Tgt Ion:180 Resp: 10162
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.3
 145 1368.8 14.2 42.6#

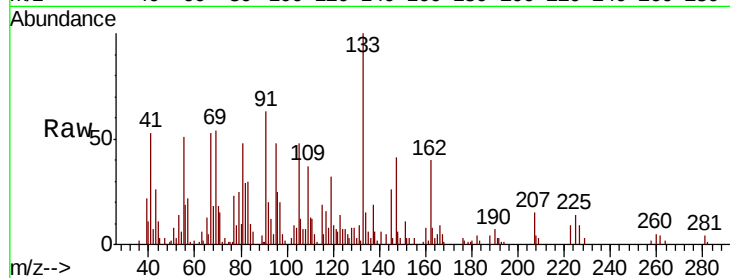




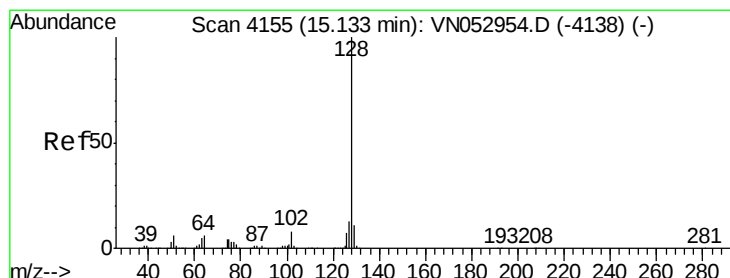
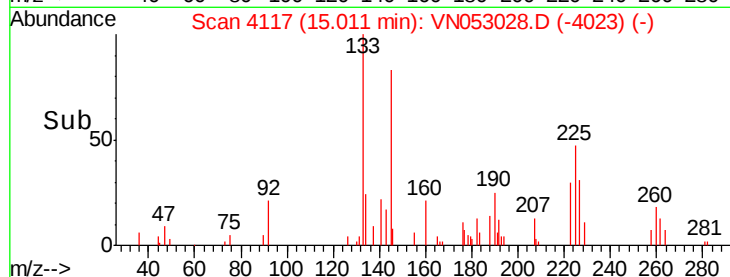
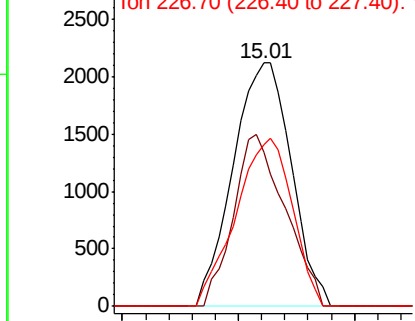
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tot Ion:225 Resp: 3694
Ion Ratio Lower Upper
225 100
223 62.7 31.5 94.5
227 66.9 31.9 95.7

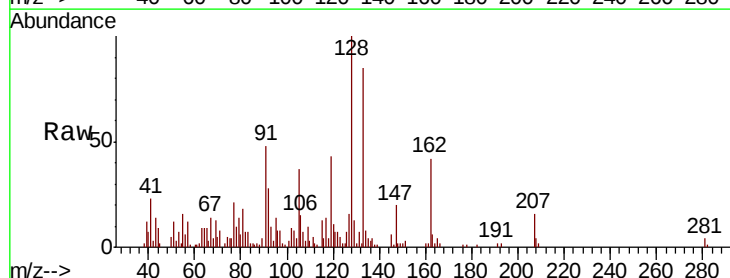


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

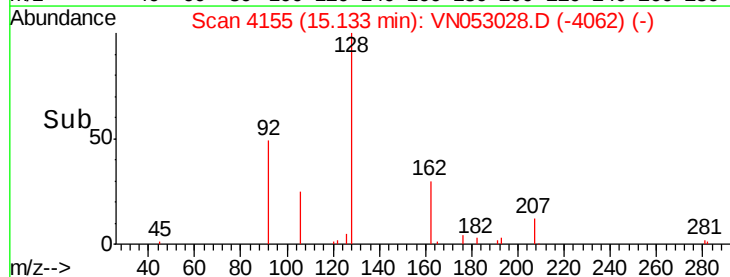
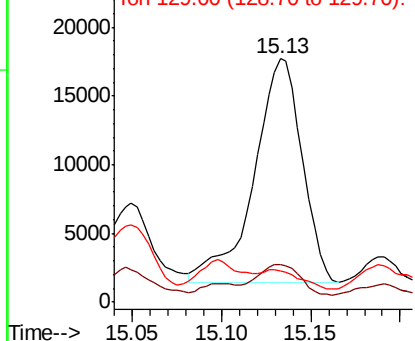


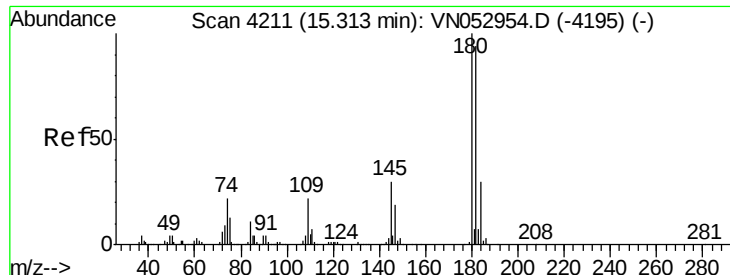
#95
Naphthalene
Concen: 2.056 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:128 Resp: 30423
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 0.0 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

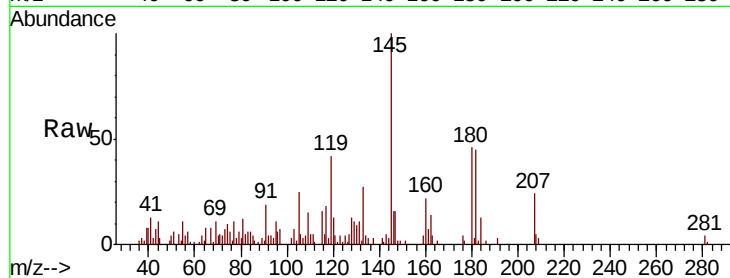




#96
 1,2,3-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053028.D
 Acq: 19 Dec 2018 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.3	47.9	143.7
145	161.0	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

