

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\
 Data File : VN052993.D
 Acq On : 19 Dec 2018 6:26
 Operator : MD\SY
 Sample : J6195-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121718

Quant Time: Dec 19 07:49:03 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	1413818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2174757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1954147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	810806	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	704834	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	7.59	113	552612	55.63	ug/l	0.00
Spiked Amount			Recovery	=	111.26%	
50) Toluene-d8	10.09	98	2655481	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	891261	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	3309	0.401	ug/l	94
11) Tert butyl alcohol	4.77	59	791	0.904	ug/l #	74
13) Acrolein	3.62	56	169	0.213	ug/l #	14
14) Allyl chloride	4.55	41	956359	45.817	ug/l #	24
16) Acetone	3.82	43	32322	11.490	ug/l	96
18) Methyl Acetate	4.33	43	6902	1.522	ug/l	97
20) Methylene Chloride	4.55	84	25950272	1691.106	ug/l	89
25) 2-Butanone	6.84	43	4095	0.867	ug/l	100
28) Bromochloromethane	7.20	49	14048	1.225	ug/l #	97
29) Tetrahydrofuran	7.22	42	1122	0.318	ug/l	95
31) Cyclohexane	7.67	56	22955	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	91140	4.366	ug/l #	48
38) Carbon Tetrachloride	7.66	117	122624	6.409	ug/l #	15
43) Isopropyl Acetate	8.17	43	76661	2.405	ug/l #	83
45) 1,2-Dichloropropane	9.26	63	3818	0.236	ug/l #	44
48) Methyl methacrylate	9.18	41	25812	2.283	ug/l #	21
49) 1,4-Dioxane	9.27	88	344	2.405	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	27255	2.415	ug/l #	35
52) Toluene	10.16	92	14166	0.368	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	191807	7.935	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	32732	1.422	ug/l #	42
59) 2-Hexanone	10.76	43	433654	56.797	ug/l #	50
67) Ethyl Benzene	11.51	91	22632	0.304	ug/l	95
68) m/p-Xylenes	11.62	106	7984	0.282	ug/l	95
69) o-Xylene	11.95	106	5531	0.204	ug/l	94
71) Bromoform	12.40	173	5172	0.475	ug/l #	1
73) Isopropylbenzene	12.25	105	20254	0.319	ug/l	97
74) N-amyl acetate	11.88	43	57010	3.237	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	411030	30.114	ug/l #	100
78) n-propylbenzene	12.59	91	17384	0.241	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	21095	0.408	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	411030	97.061	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	50278	0.967	ug/l	97
89) n-Butylbenzene	13.54	91	81383	1.770	ug/l #	42

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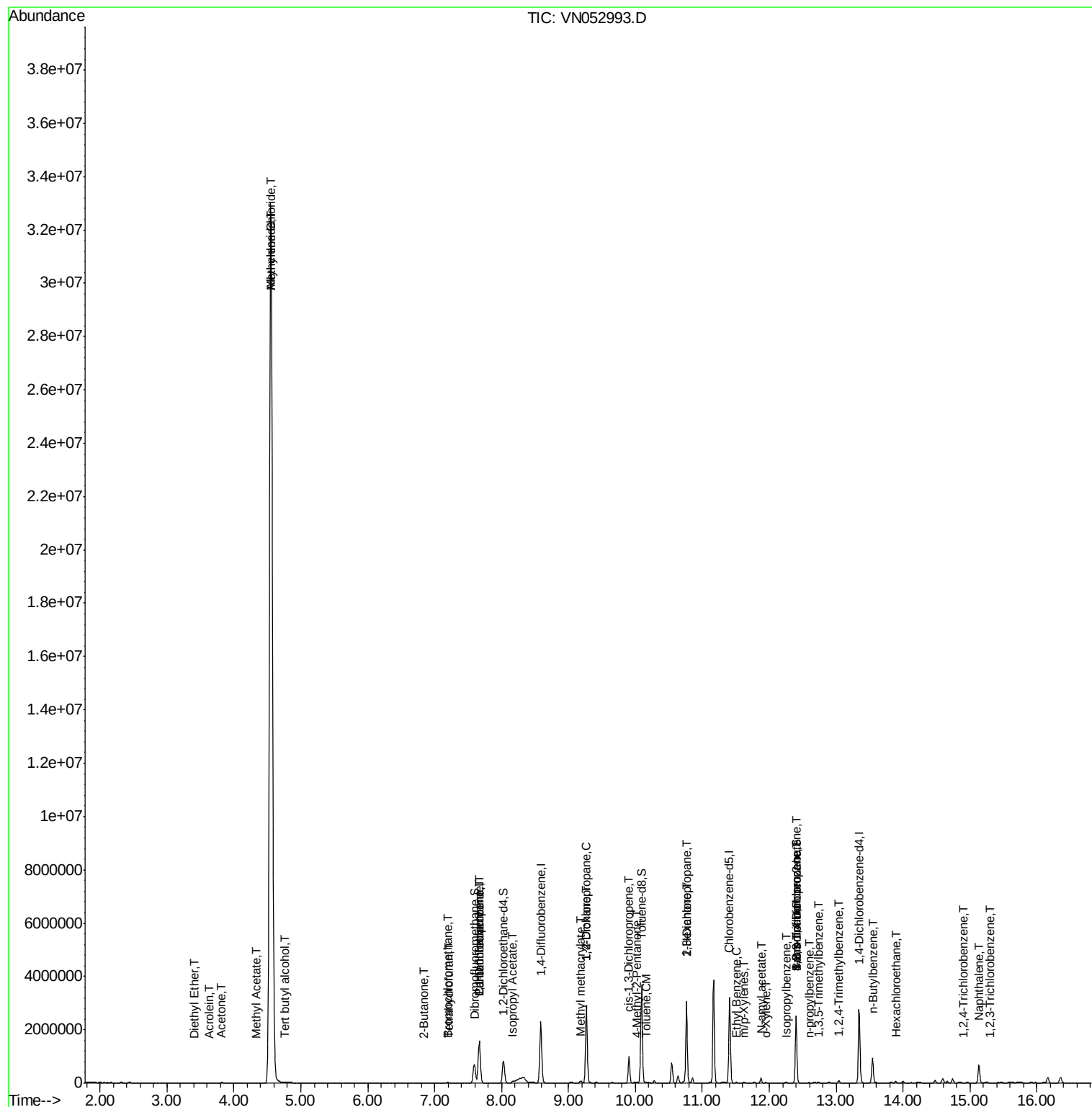
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	3070	0.374	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	351	0.620	ug/l #	45
95) Naphthalene	15.13	128	600385	19.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	192	0.522	ug/l #	1

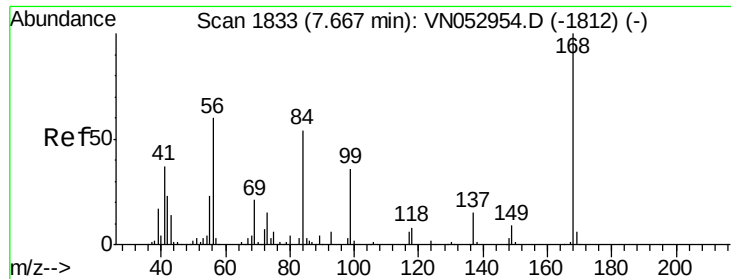
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121818\
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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: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

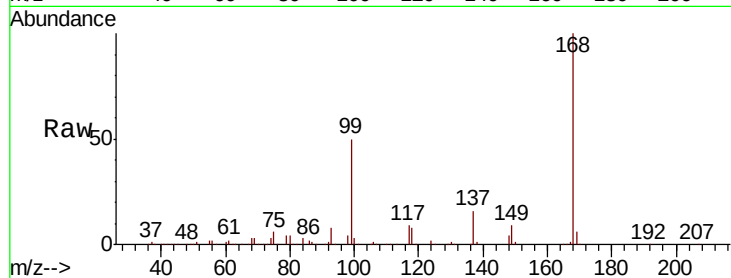
OR-03-121718

Tot Ion:168 Resp: 1413818

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052993.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052993.D (-1740) (-)

7.67

600000

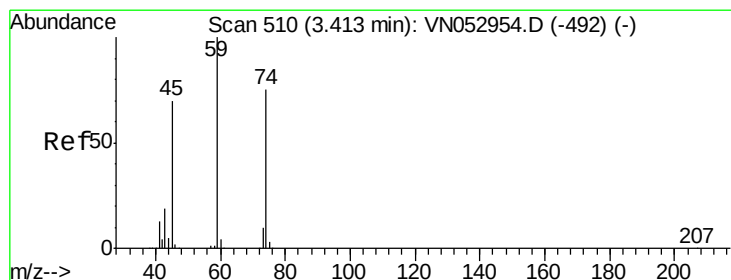
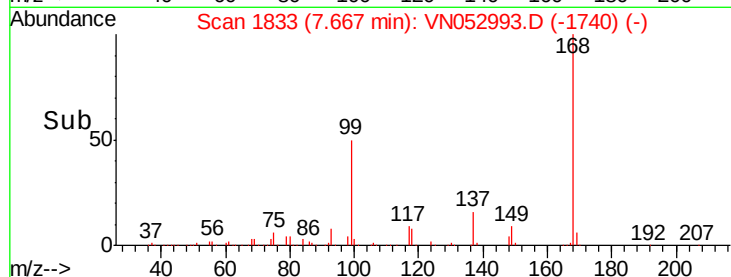
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#8

Diethyl Ether

Concen: 0.401 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN052993.D

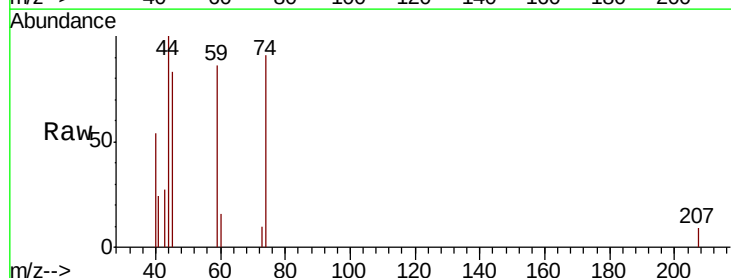
Acq: 19 Dec 2018 6:26

Tgt Ion: 74 Resp: 3309

Ion Ratio Lower Upper

74 100

45 105.0 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN052993.D (-417) (-)

Ion 45.00 (44.70 to 45.70): VN052993.D (-417) (-)

3.41

1500

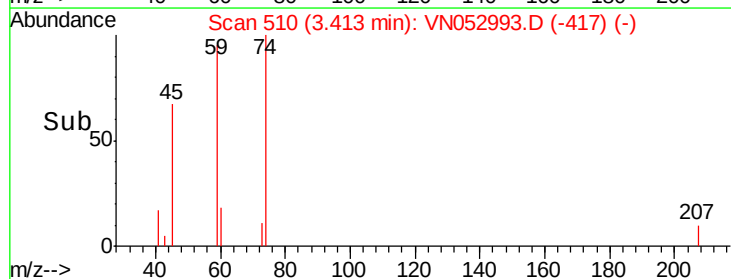
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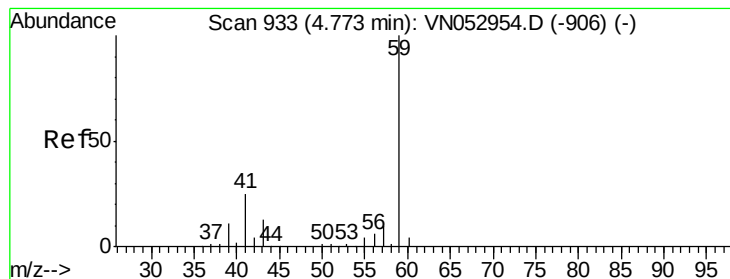
500

0

3.35 3.40 3.45

Time-->





#11

Tert butyl alcohol

Concen: 0.904 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

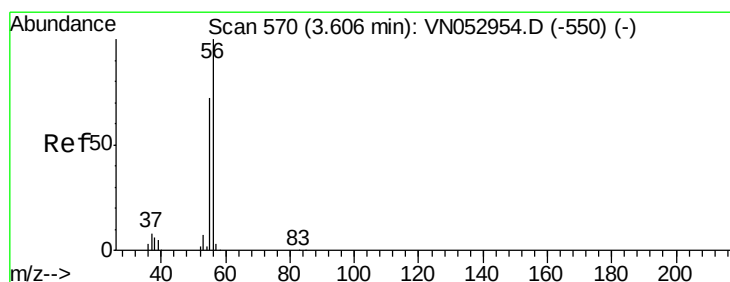
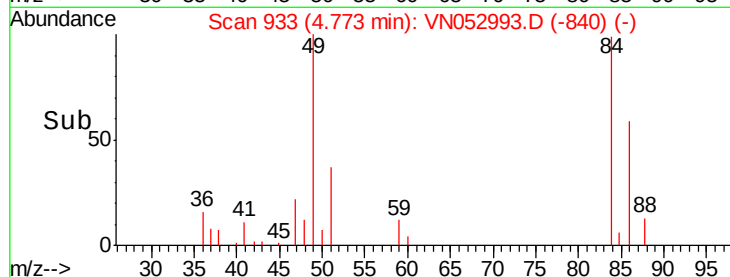
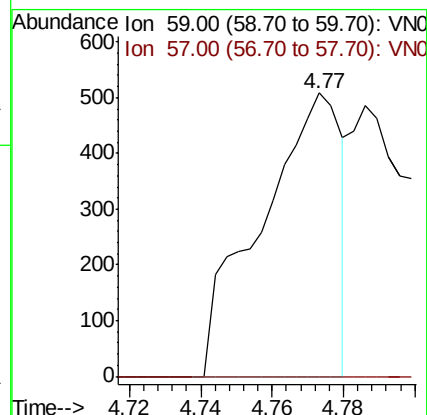
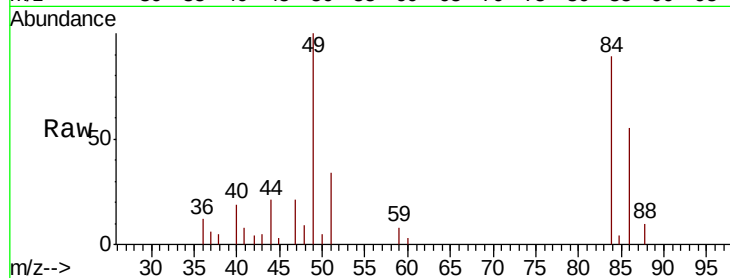
OR-03-121718

Tot Ion: 59 Resp: 791

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#13

Acrolein

Concen: 0.213 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN052993.D

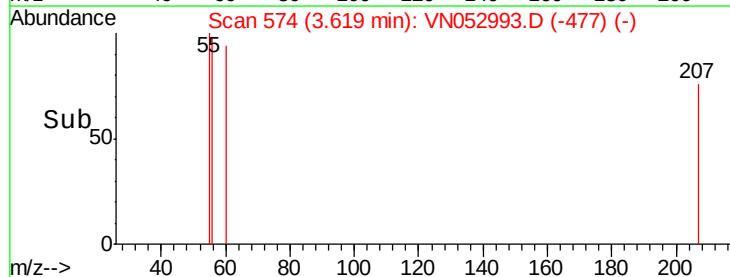
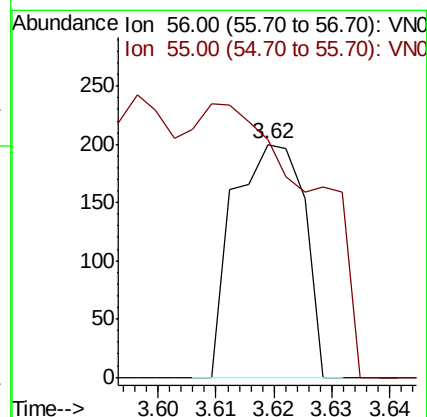
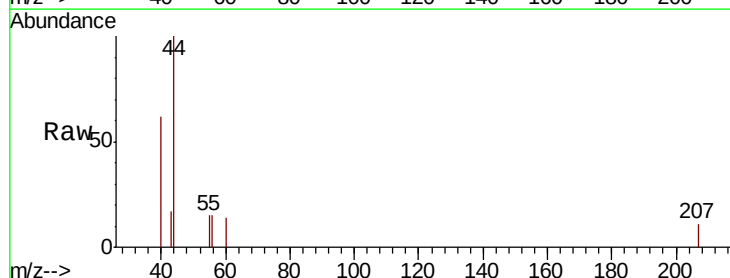
Acq: 19 Dec 2018 6:26

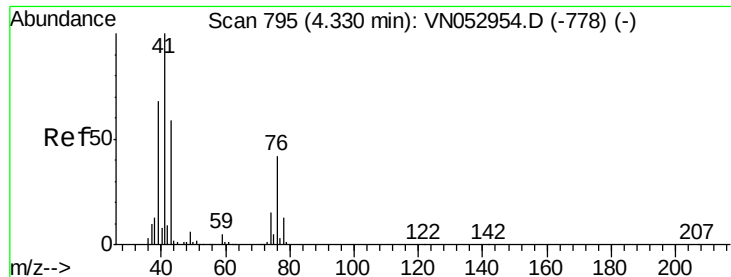
Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

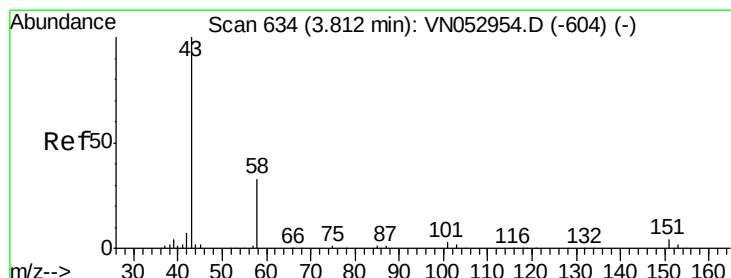
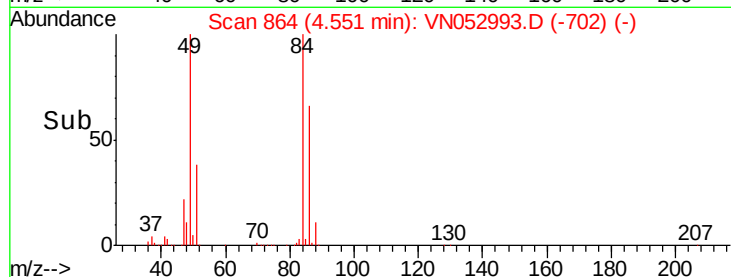
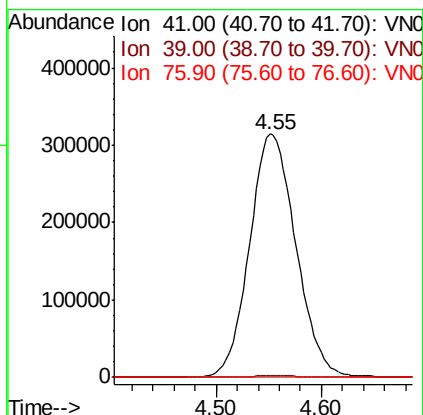
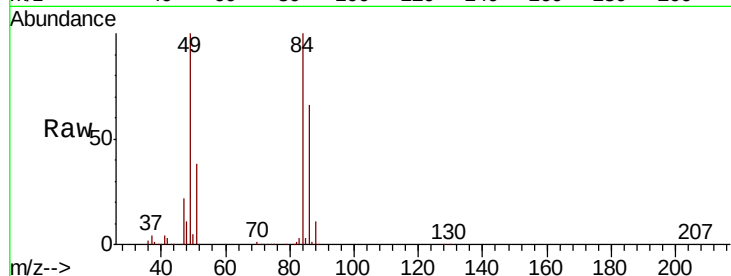




#14
Allvl chloride
Concen: 45.817 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.22 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

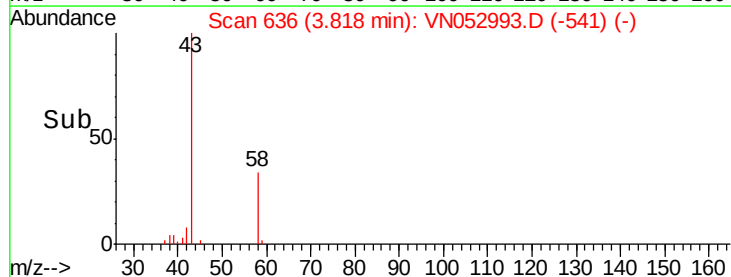
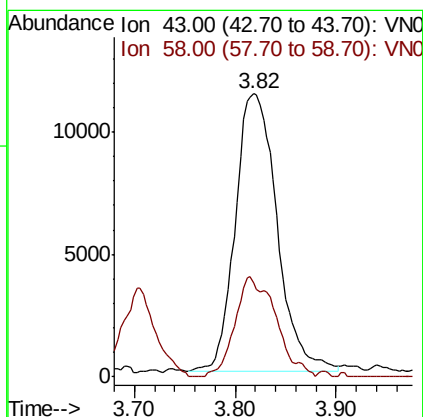
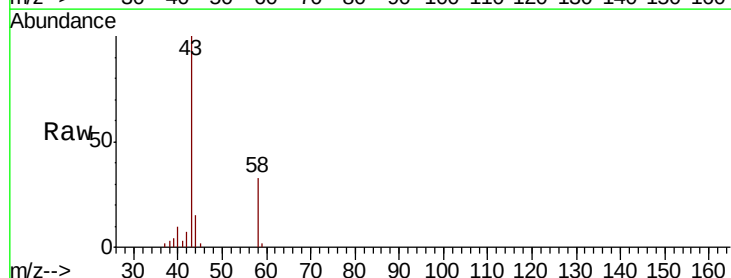
Instrument :
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OR-03-121718

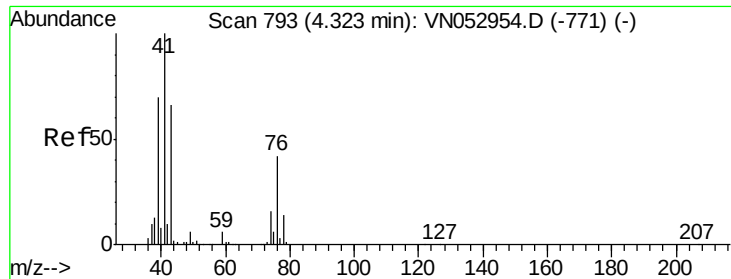
Tot Ion: 41 Resp: 956359
Ion Ratio Lower Upper
41 100
39 0.7 54.1 81.1#
76 0.0 30.3 45.5#



#16
Acetone
Concen: 11.490 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 43 Resp: 32322
Ion Ratio Lower Upper
43 100
58 34.2 25.4 38.0

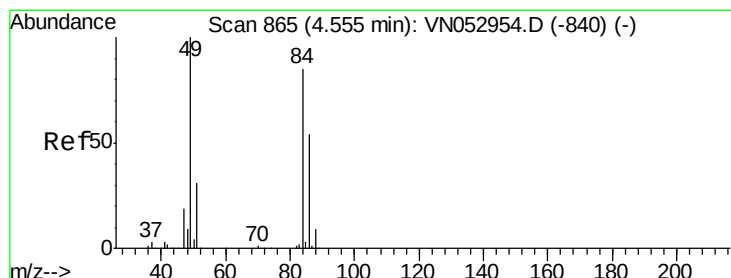
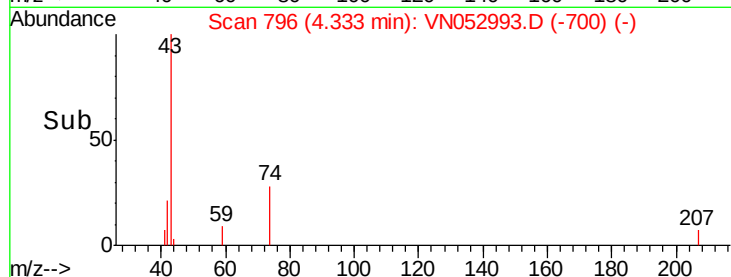
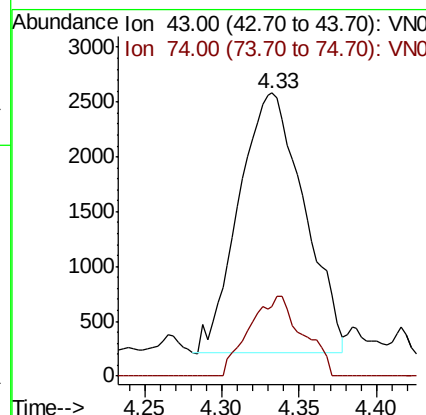
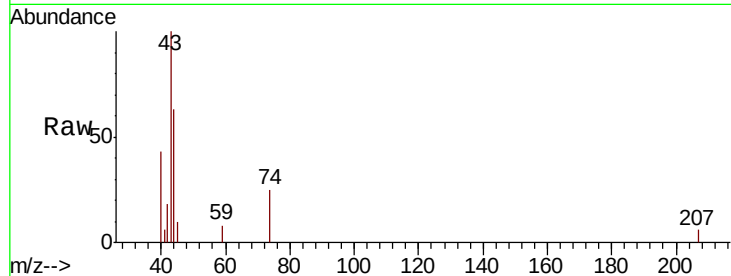




#18
Methyl Acetate
Concen: 1.522 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

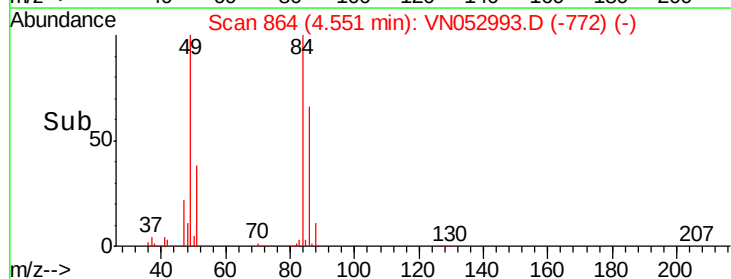
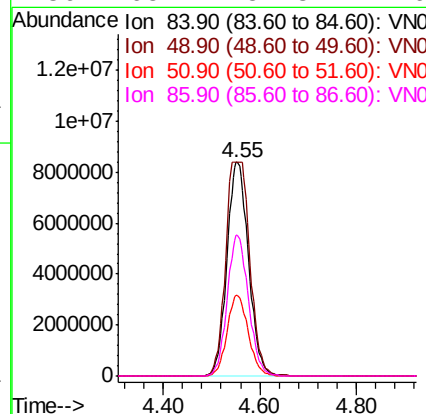
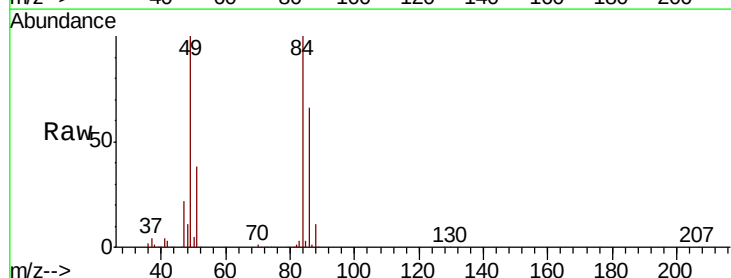
Instrument :
MSVOA_N
ClientSampled :
OR-03-121718

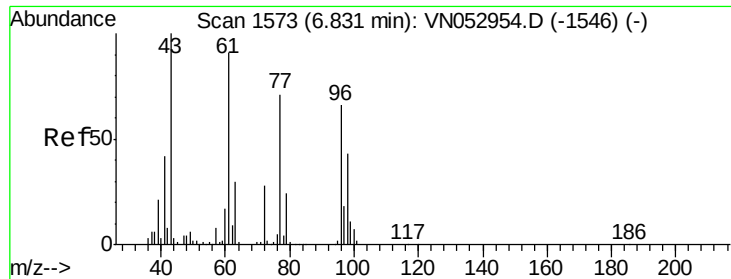
Tot Ion: 43 Resp: 6902
Ion Ratio Lower Upper
43 100
74 25.4 19.2 28.8



#20
Methylene Chloride
Concen: 1691.106 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 84 Resp: 25950272
Ion Ratio Lower Upper
84 100
49 100.0 96.8 145.2
51 37.9 29.9 44.9
86 65.7 51.8 77.6

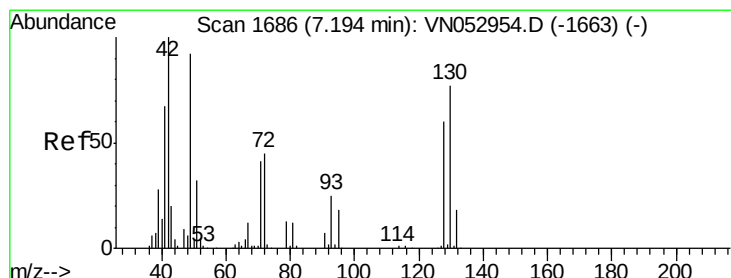
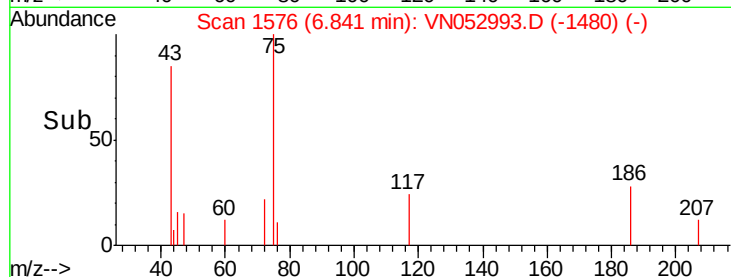
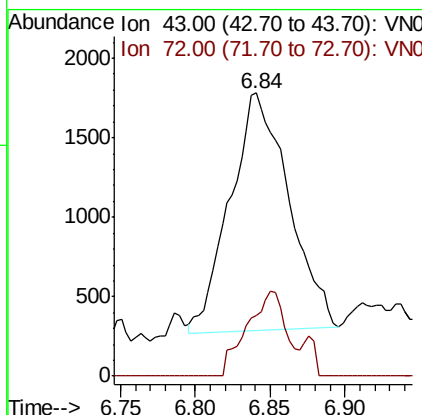
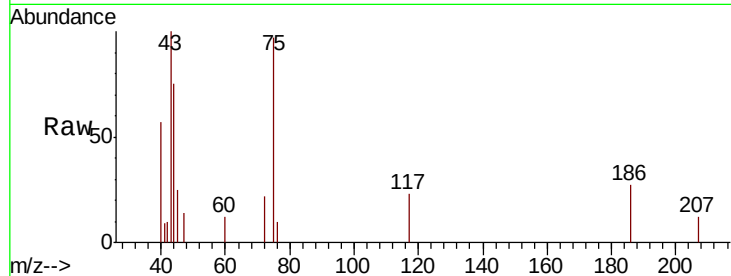




#25
2-Butanone
Concen: 0.867 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

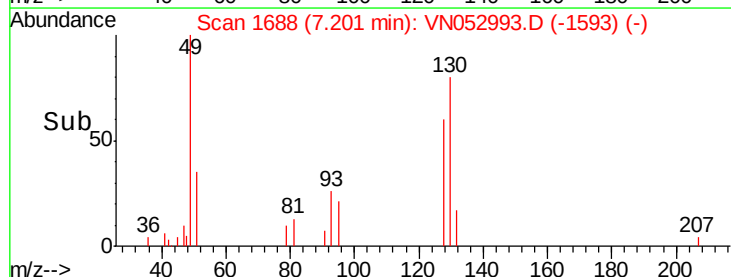
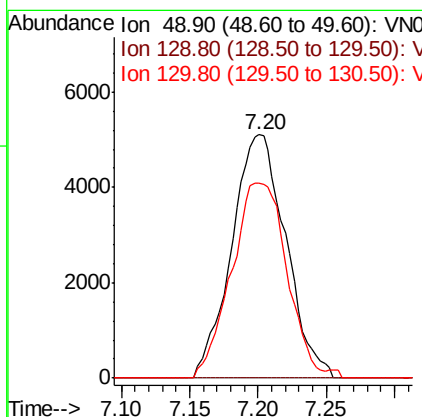
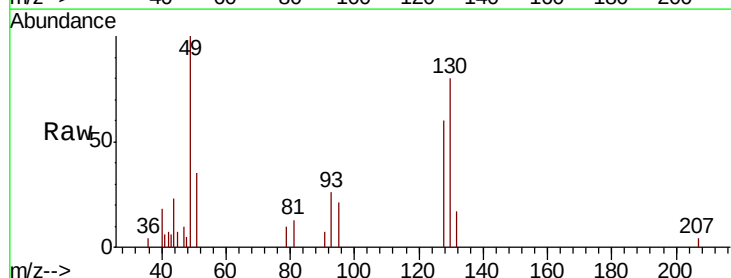
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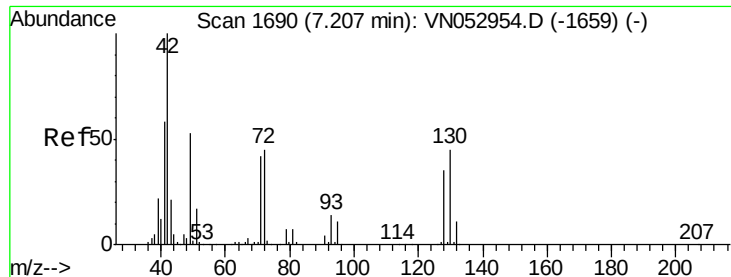
Tot Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
72 26.1 21.0 31.6



#28
Bromochloromethane
Concen: 1.225 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 49 Resp: 14048
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 81.8 63.3 94.9

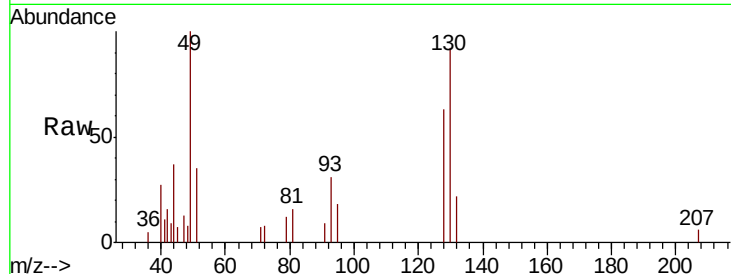




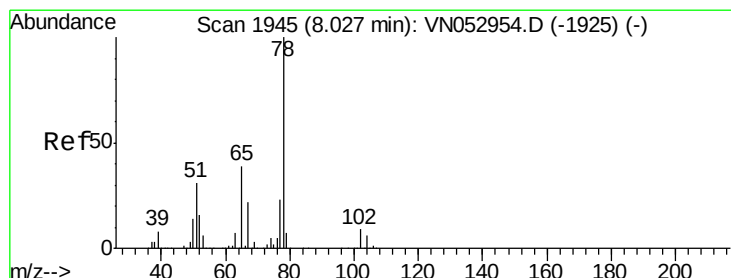
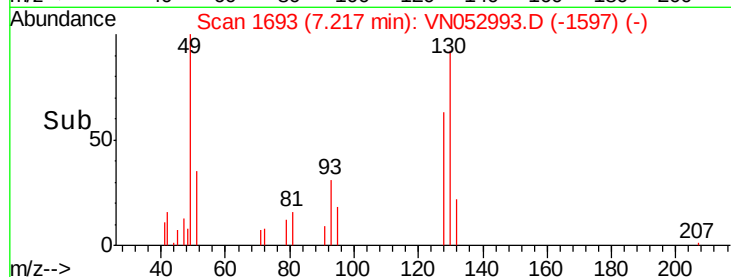
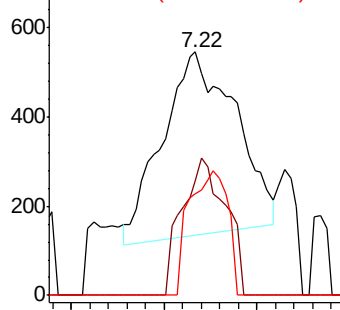
#29
Tetrahydrofuran
Concen: 0.318 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

Tot Ion: 42 Resp: 1122
Ion Ratio Lower Upper
42 100
72 44.7 34.7 52.1
71 35.7 32.3 48.5

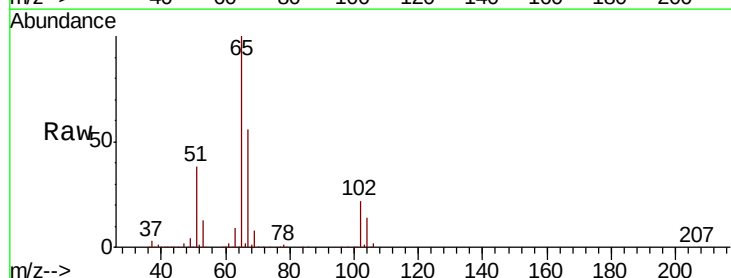


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

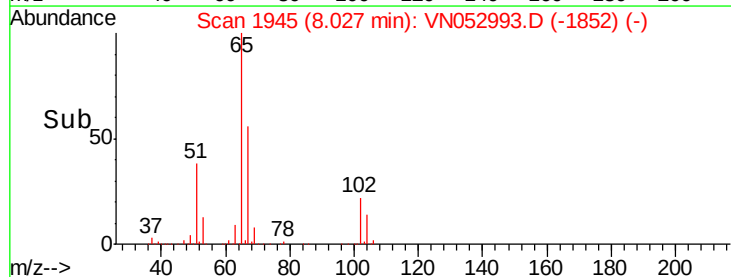
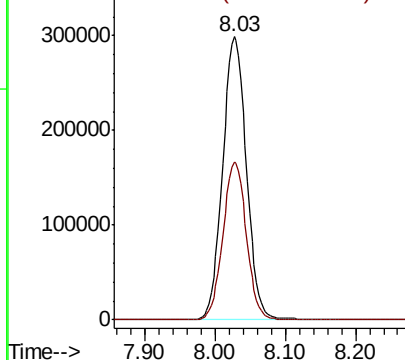


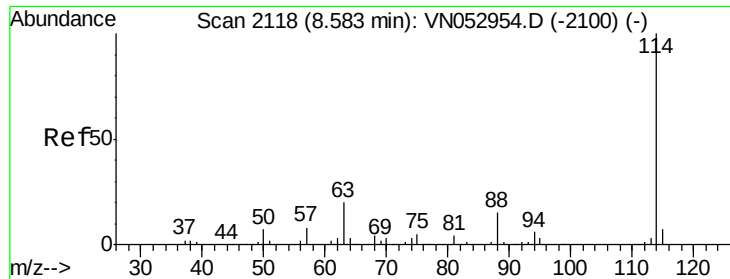
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 65 Resp: 704834
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

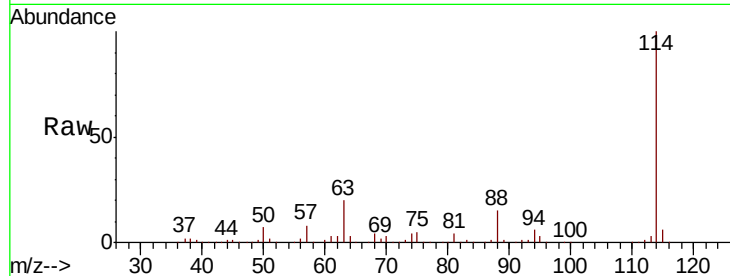




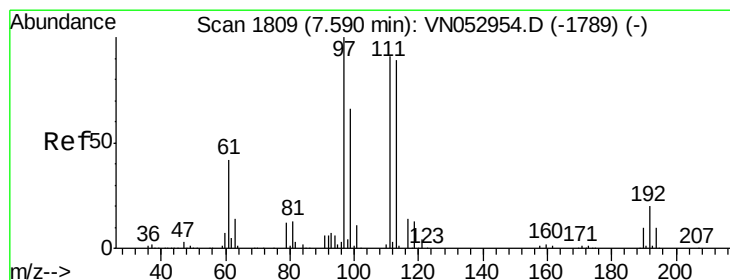
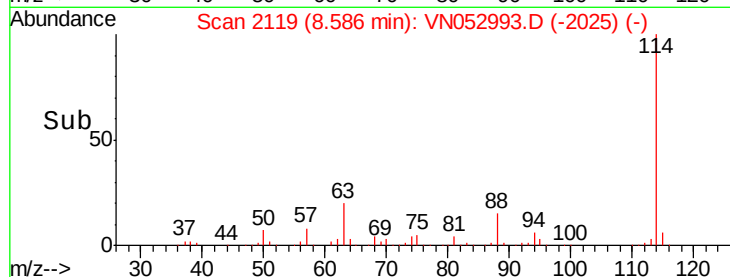
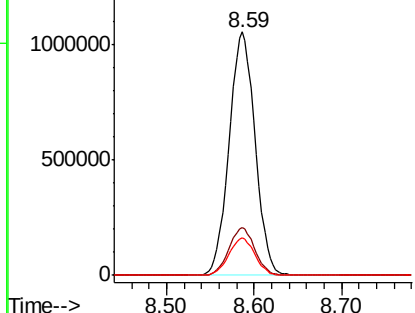
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

Instrument :
 MSVOA_N
 ClientSampled :
 OR-03-121718

Tot Ion:114 Resp: 2174757
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 31.0

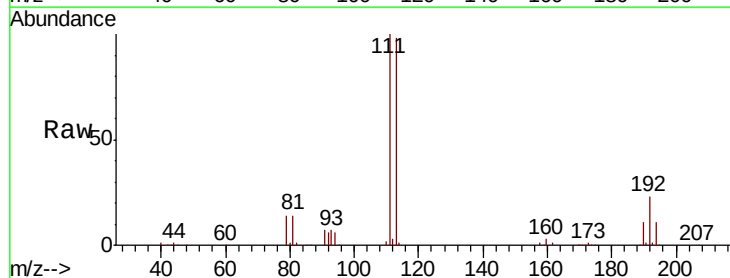


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

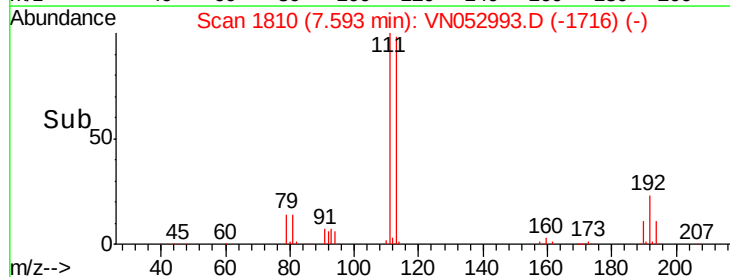
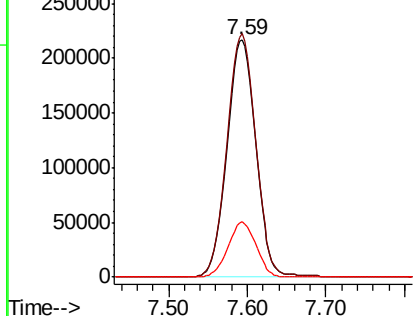


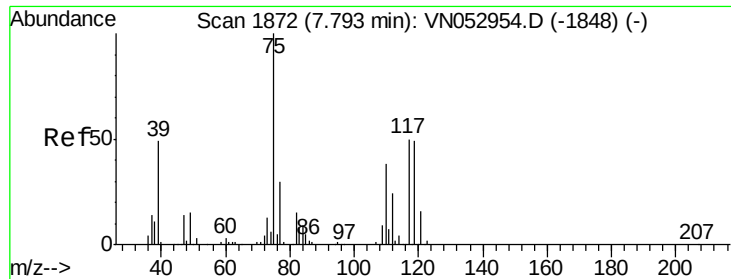
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

Tgt Ion:113 Resp: 552612
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 22.5 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

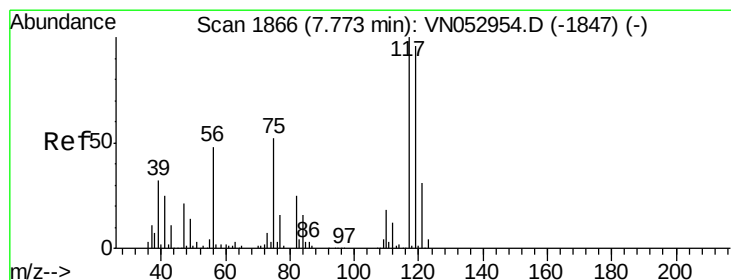
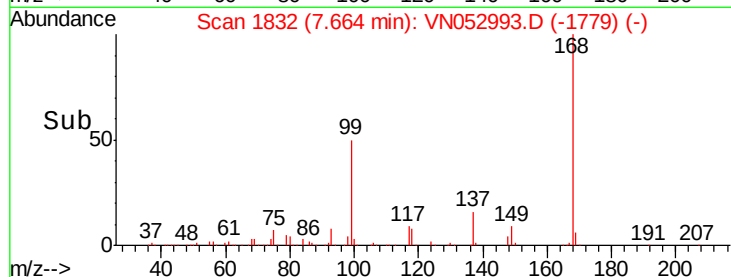
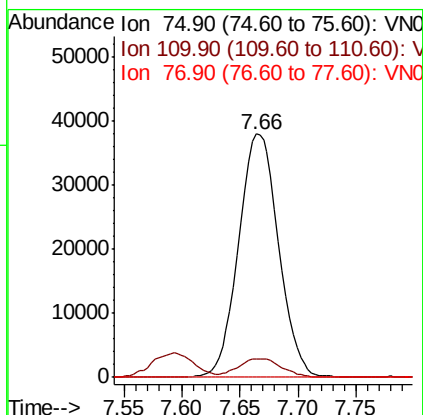
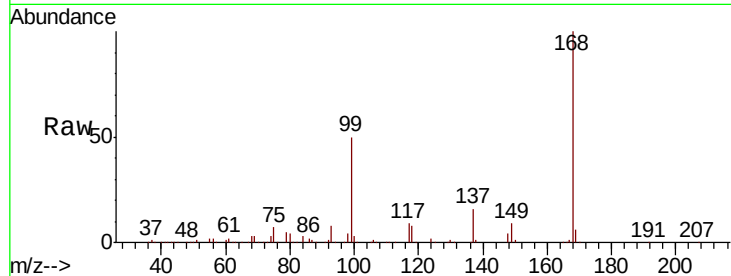




#36
 1,1-Dichloropropene
 Concen: 4.366 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

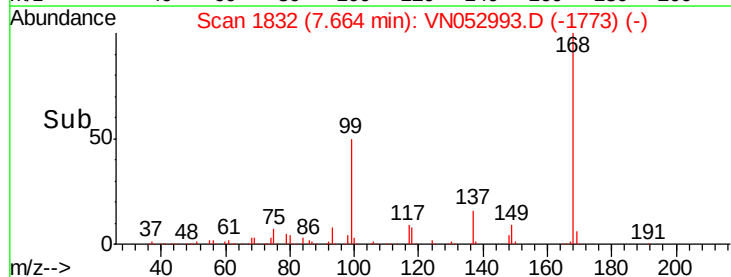
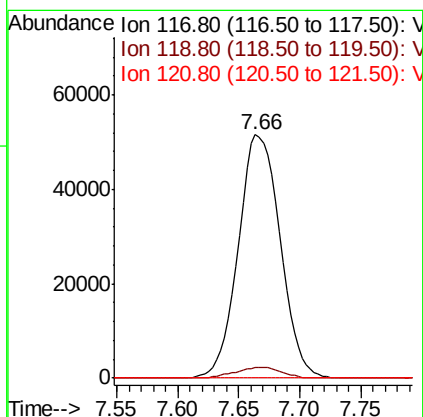
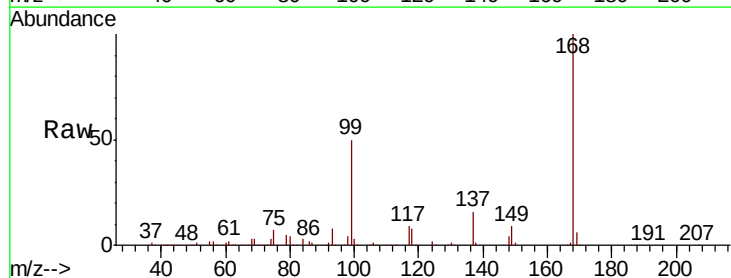
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121718

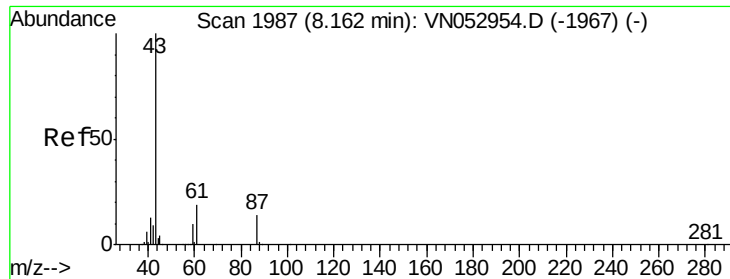
Tot Ion	75	Resp	91140
Ion Ratio	Lower	Upper	
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.409 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

Tgt Ion	117	Resp	122624
Ion Ratio	Lower	Upper	
117	100		
119	4.2	77.1	115.7#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 2.405 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampled :

OR-03-121718

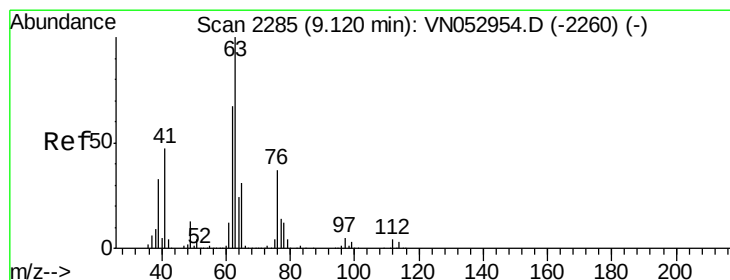
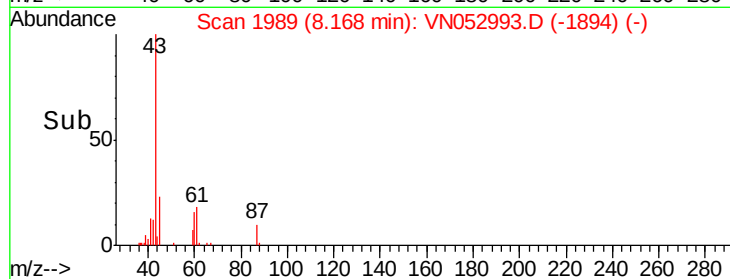
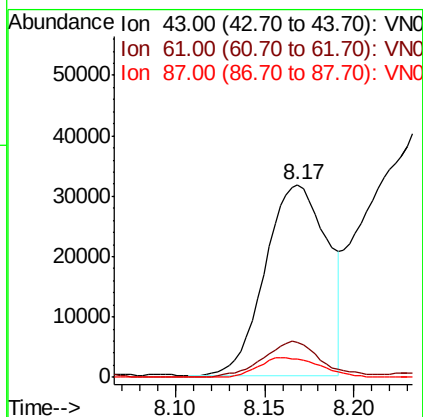
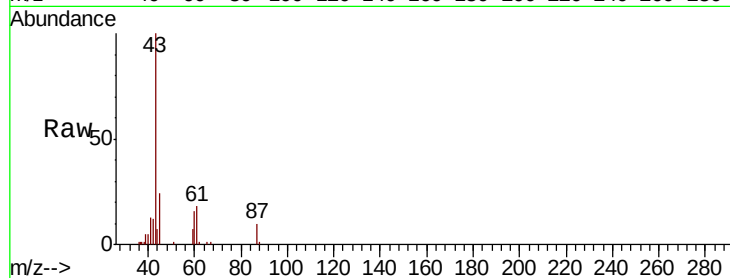
Tot Ion: 43 Resp: 76661

Ion Ratio Lower Upper

43 100

61 17.5 22.9 34.3#

87 10.1 10.6 15.8#



#45

1,2-Dichloropropane

Concen: 0.236 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052993.D

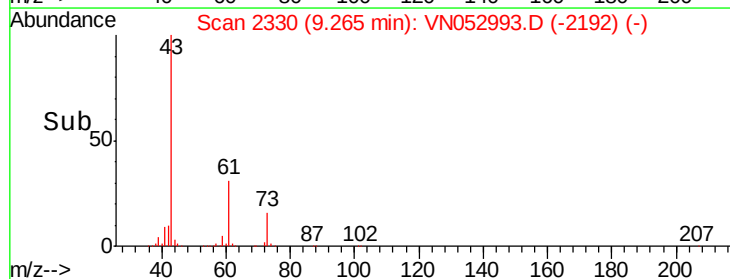
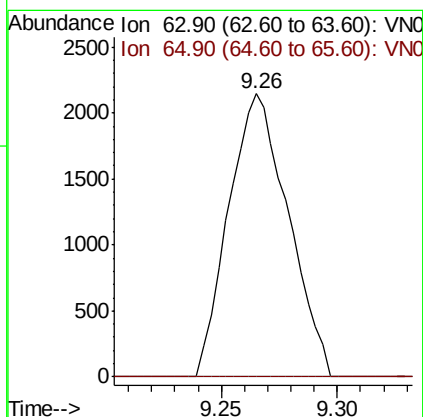
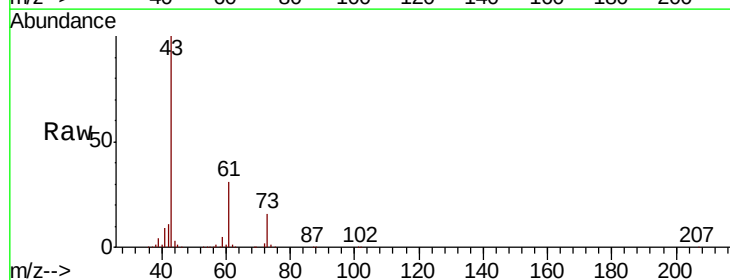
Acq: 19 Dec 2018 6:26

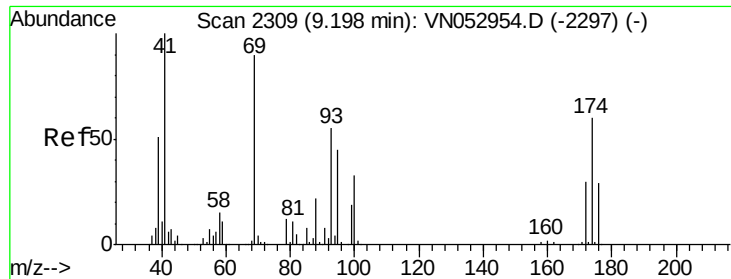
Tgt Ion: 63 Resp: 3818

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#

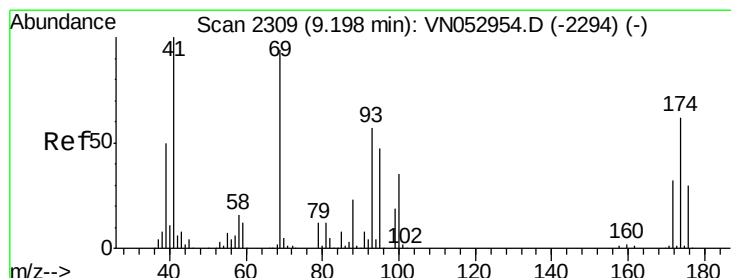
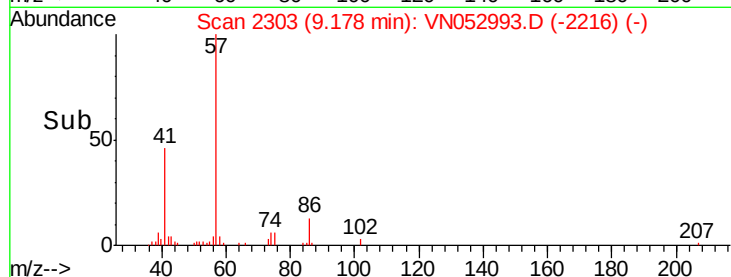
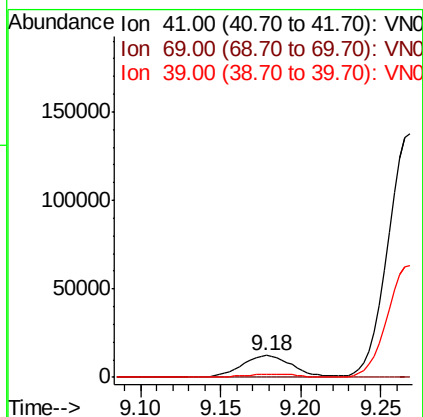
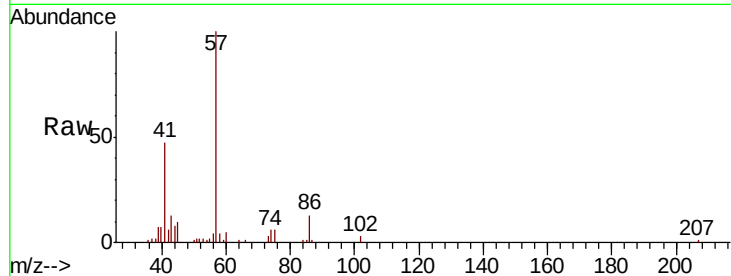




#48
Methvl methacrylate
Concen: 2.283 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

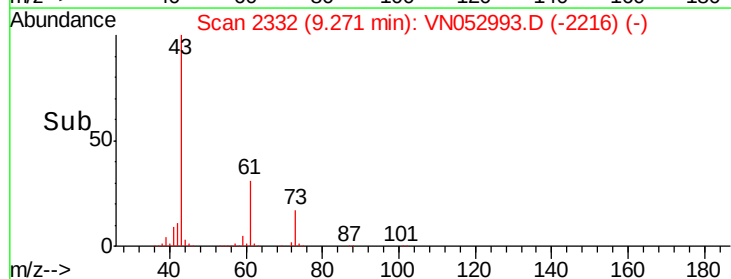
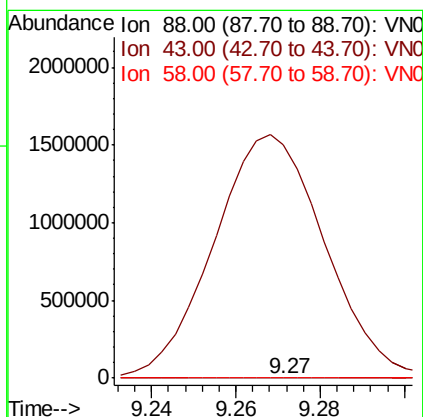
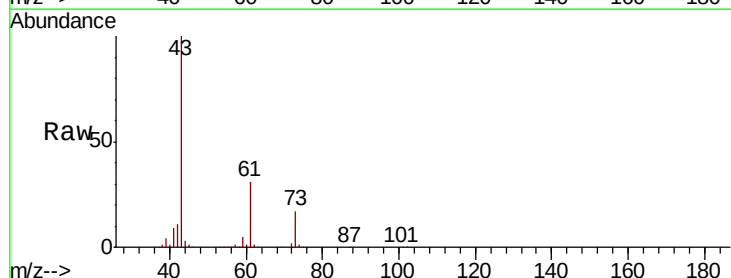
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

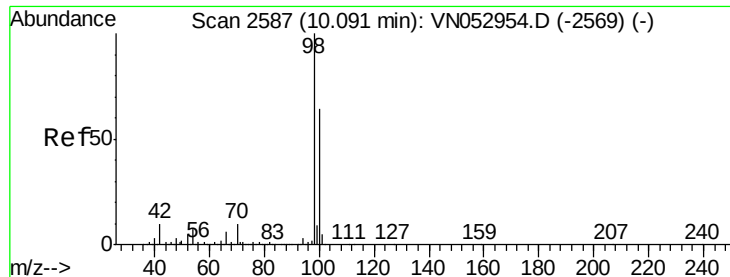
Tot Ion: 41 Resp: 25812
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 16.9 41.9 62.9#



#49
1,4-Dioxane
Concen: 2.405 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 88 Resp: 344
Ion Ratio Lower Upper
88 100
43 840650.6 26.6 40.0#
58 3546.8 58.4 87.6#





#50

Toluene-d8

Concen: 2.405 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

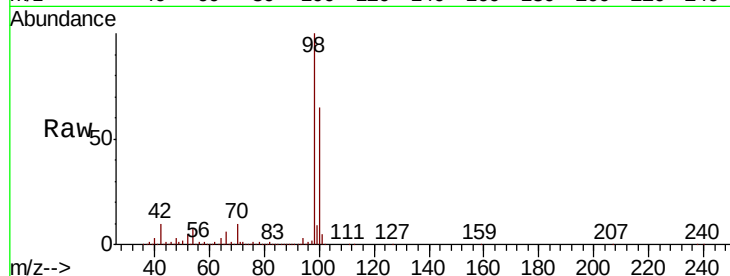
OR-03-121718

Tot Ion: 98 Resp: 2655481

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052993.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052993.D (-2494) (-)

10.09

1500000

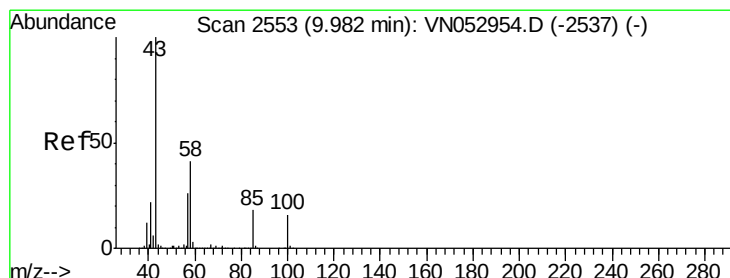
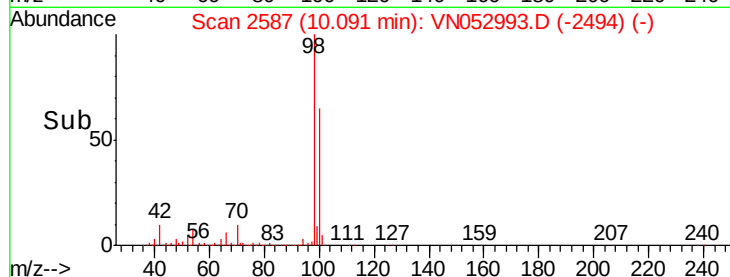
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 2.415 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052993.D

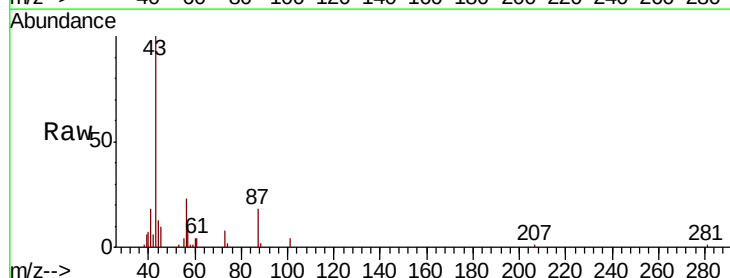
Acq: 19 Dec 2018 6:26

Tgt Ion: 43 Resp: 27255

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052993.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN052993.D (-2460) (-)

10.02

15000

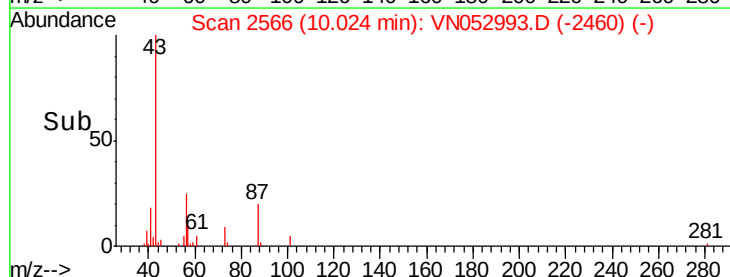
10000

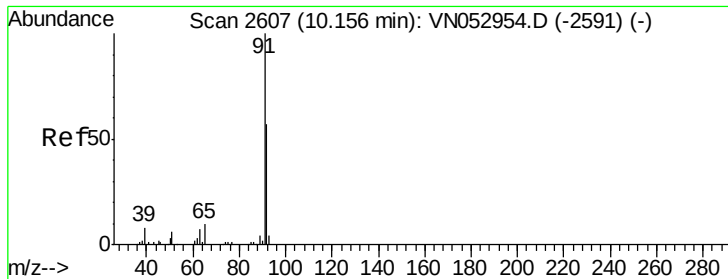
5000

0

Time-->

10.00 10.05





#52

Toluene

Concen: 0.368 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

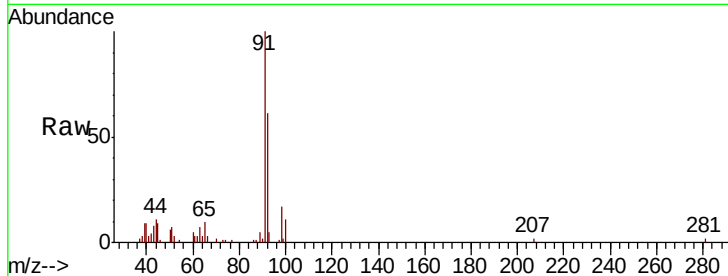
OR-03-121718

Tot Ion: 92 Resp: 14166

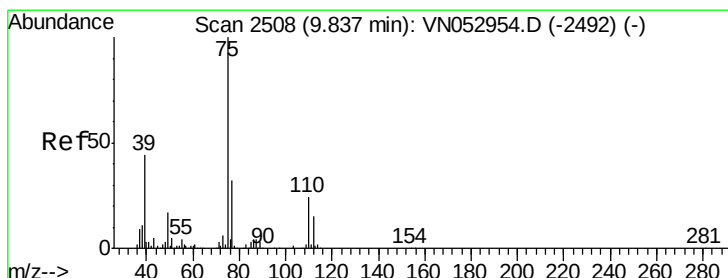
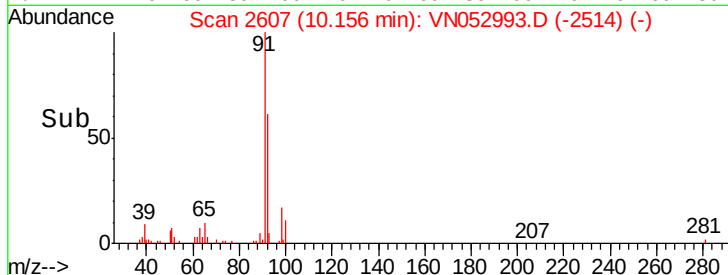
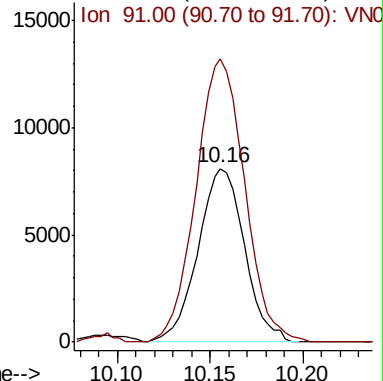
Ion Ratio Lower Upper

92 100

91 170.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN052993.D (-2514) (-)



#54

cis-1,3-Dichloropropene

Concen: 7.935 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

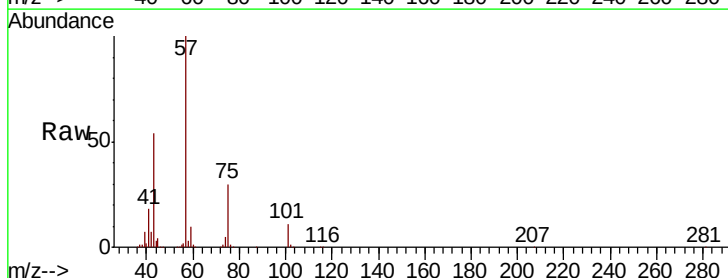
Tgt Ion: 75 Resp: 191807

Ion Ratio Lower Upper

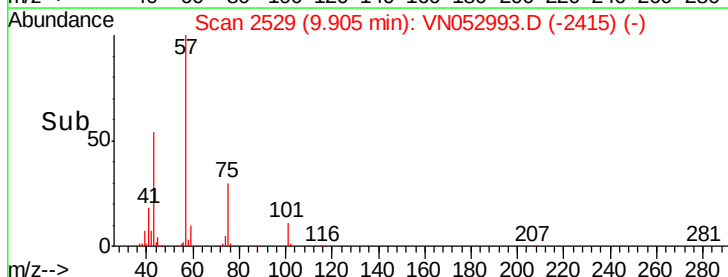
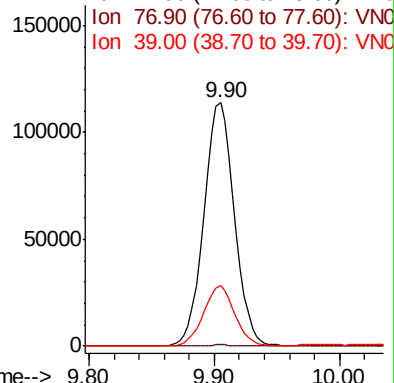
75 100

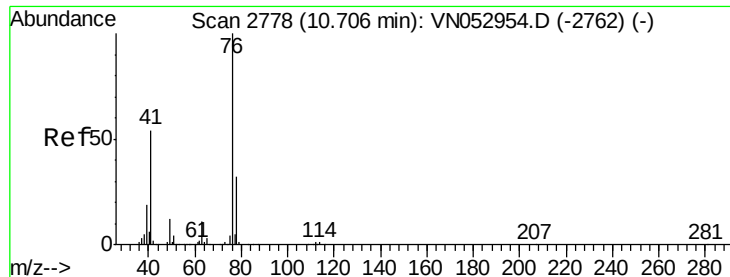
77 0.5 25.8 38.8#

39 24.6 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052993.D (-2415) (-)





#57

1,3-Dichloropropane

Concen: 1.422 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

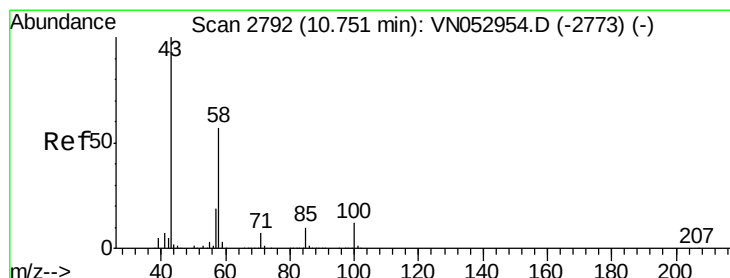
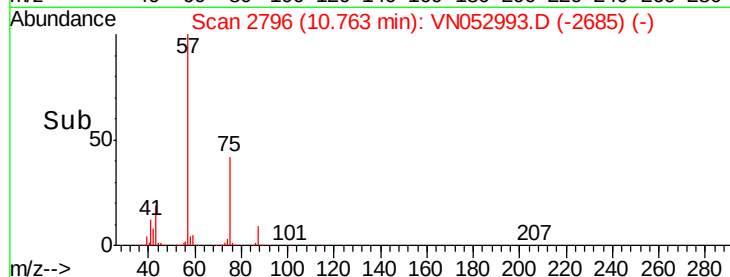
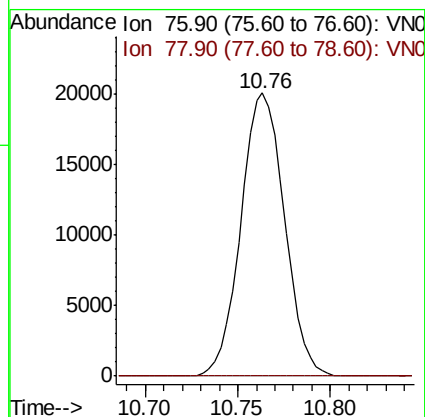
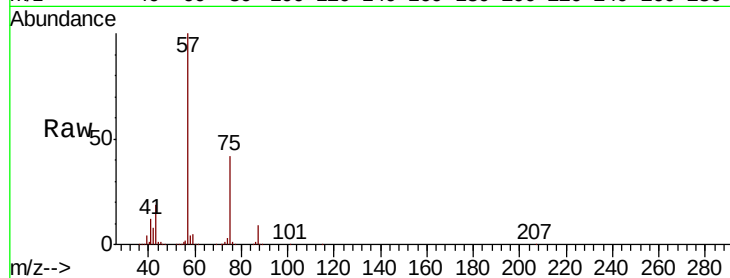
OR-03-121718

Tot Ion: 76 Resp: 32732

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 56.797 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052993.D

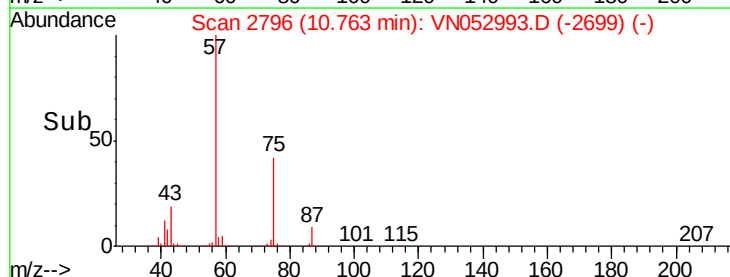
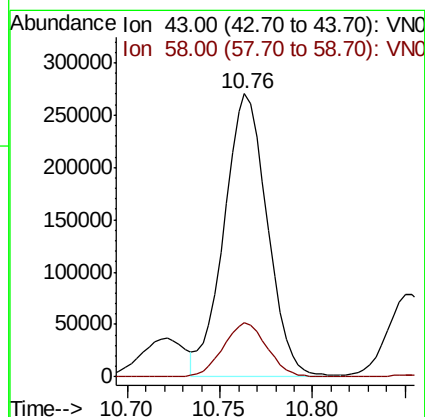
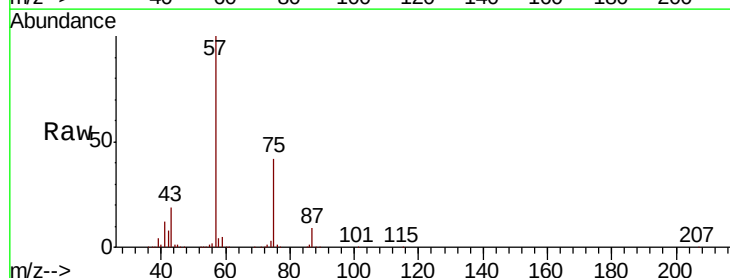
Acq: 19 Dec 2018 6:26

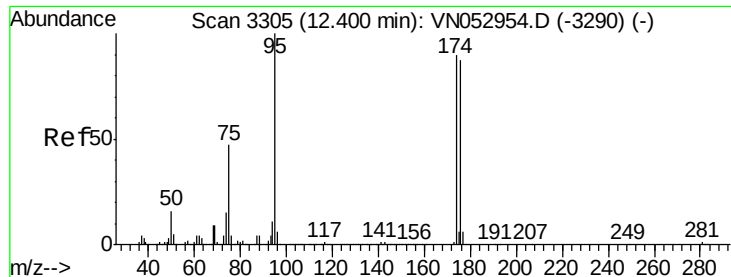
Tgt Ion: 43 Resp: 433654

Ion Ratio Lower Upper

43 100

58 19.6 28.1 84.3#

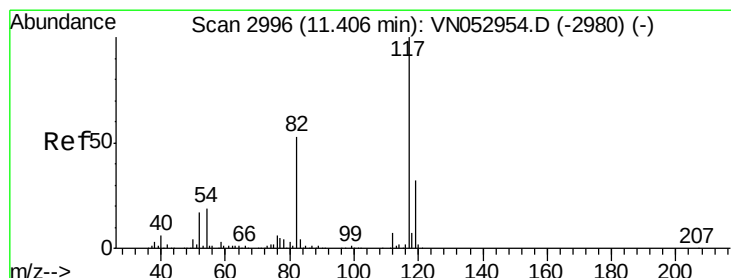
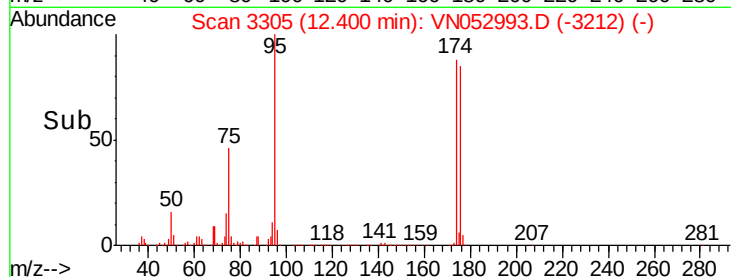
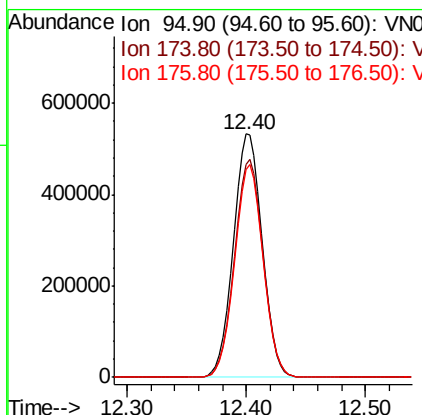
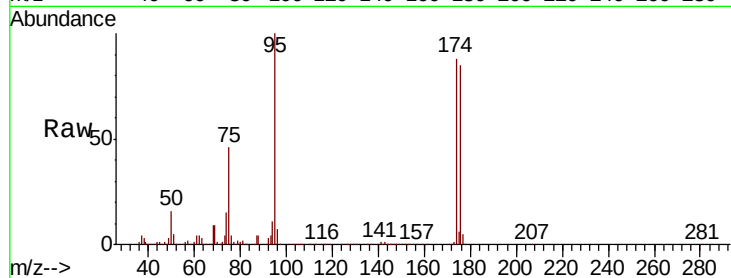




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

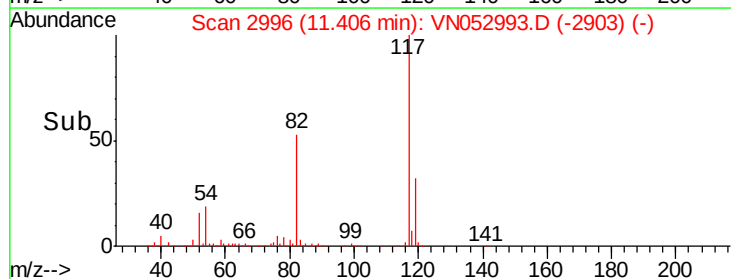
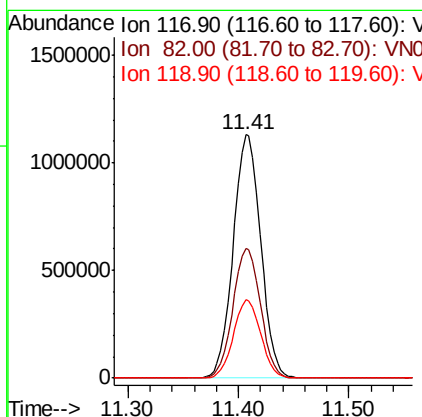
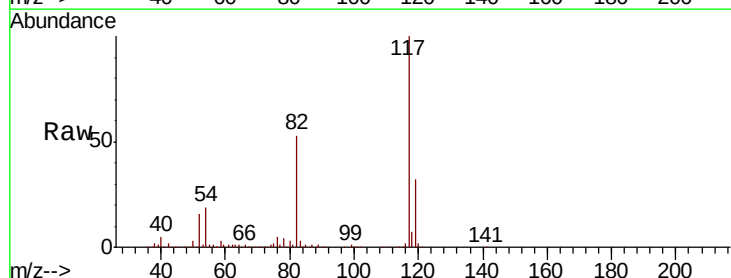
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

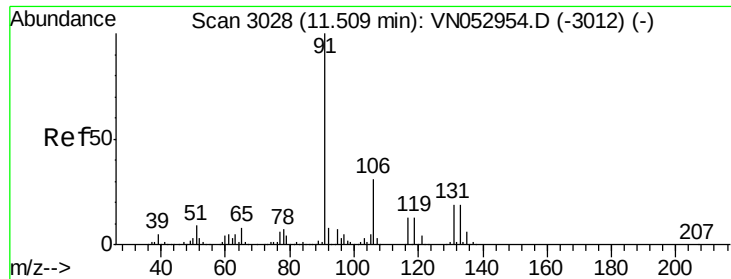
Tot Ion: 95 Resp: 891261
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.8
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 117 Resp: 1954147
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.0 25.5 38.3

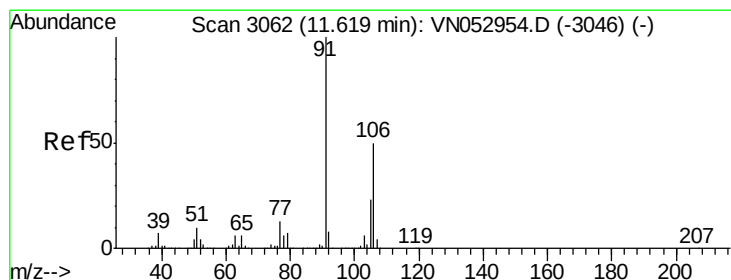
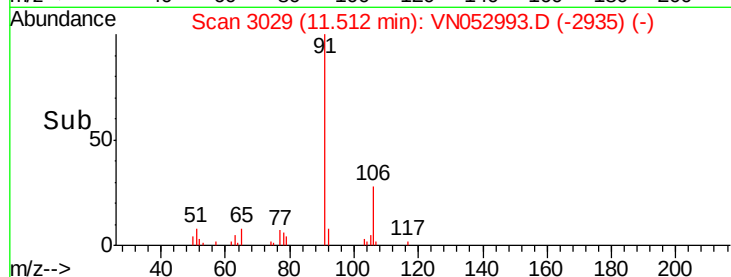
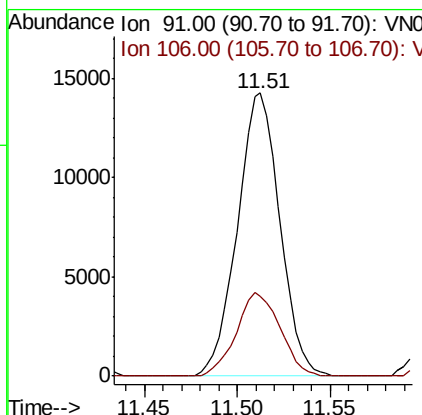
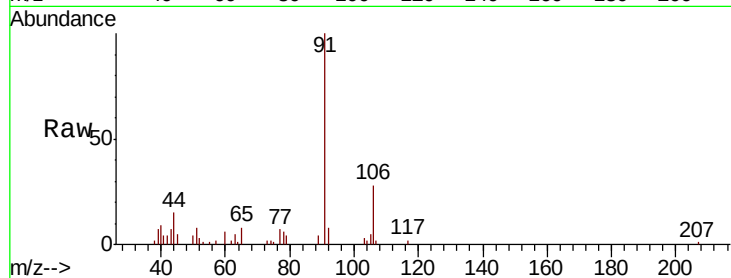




#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

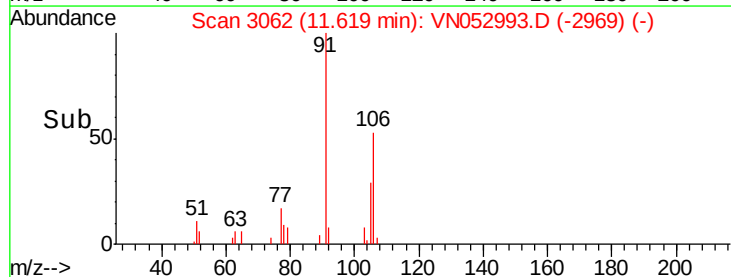
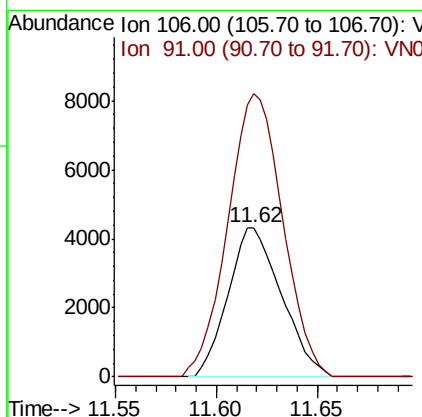
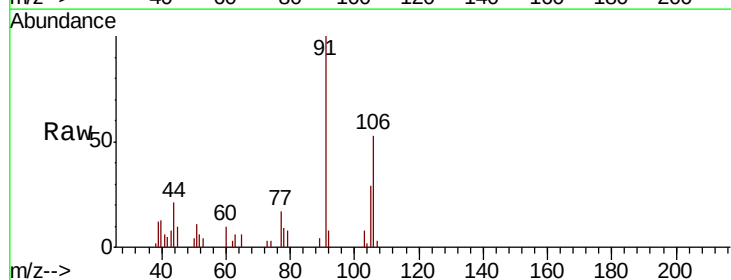
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

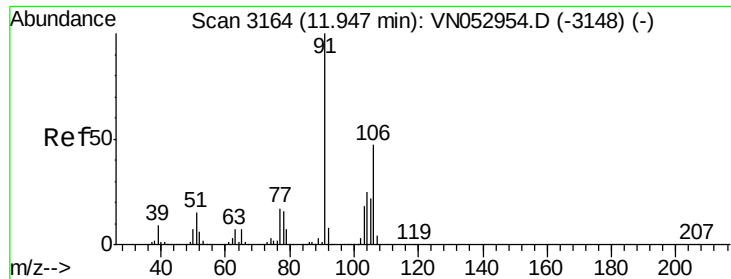
Tot Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 106 Resp: 7984
Ion Ratio Lower Upper
106 100
91 194.9 162.2 243.4

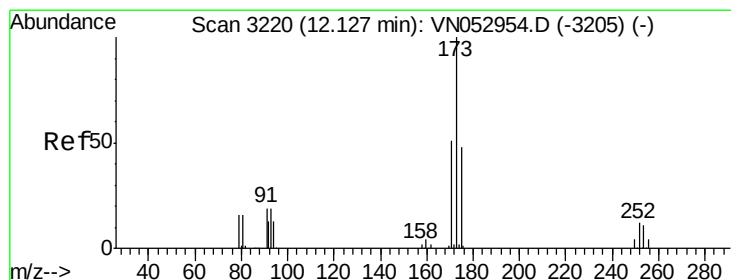
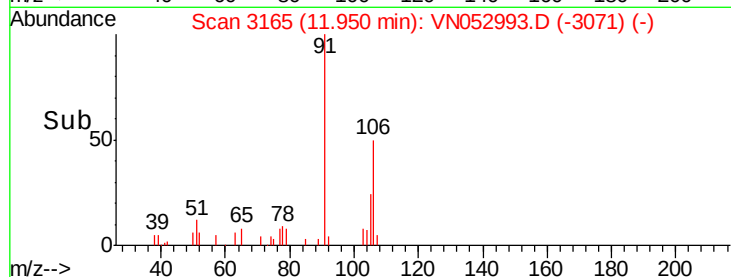
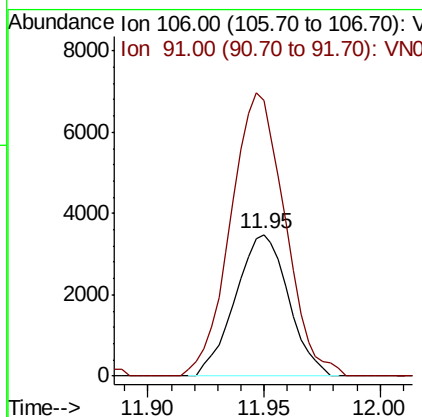
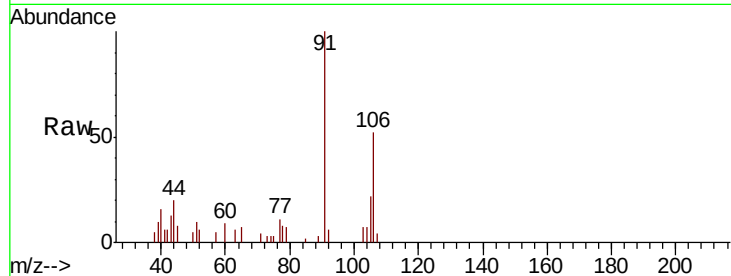




#69
o-Xylene
Concen: 0.204 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

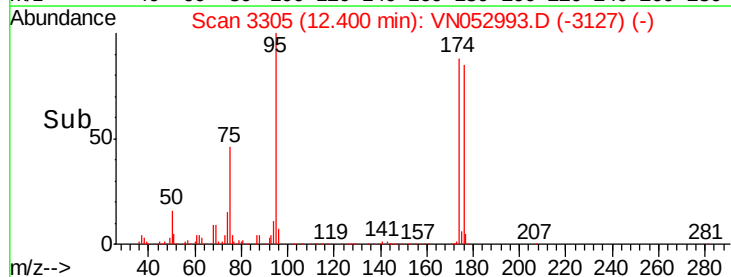
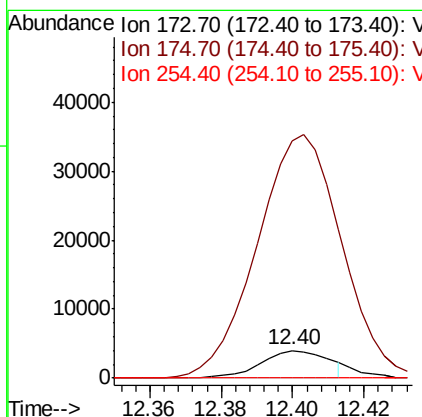
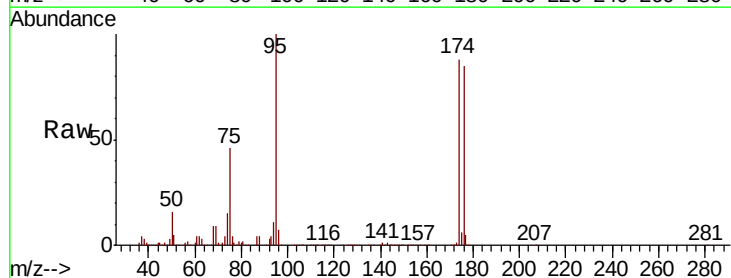
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

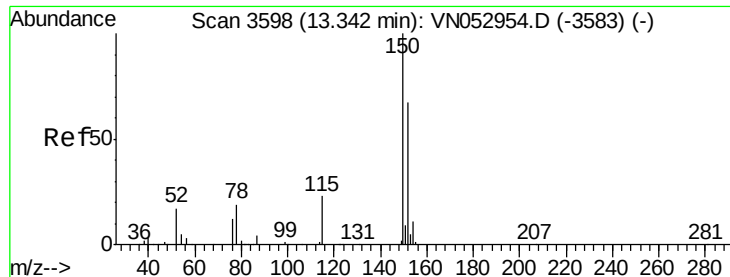
Tot Ion:106 Resp: 5531
Ion Ratio Lower Upper
106 100
91 204.3 106.6 319.8



#71
Bromoform
Concen: 0.475 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion:173 Resp: 5172
Ion Ratio Lower Upper
173 100
175 979.6 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: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

OR-03-121718

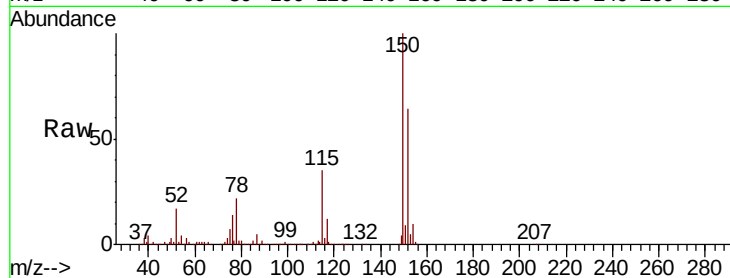
Tot Ion:152 Resp: 810806

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

150 156.9 0.0 347.8

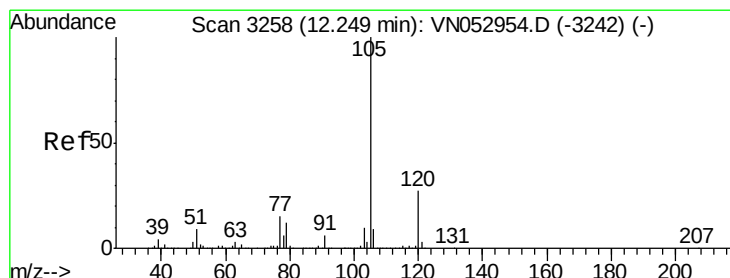
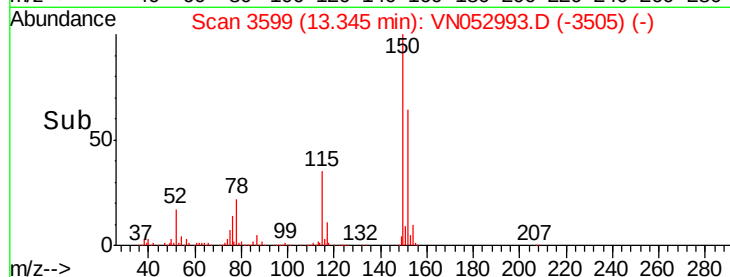
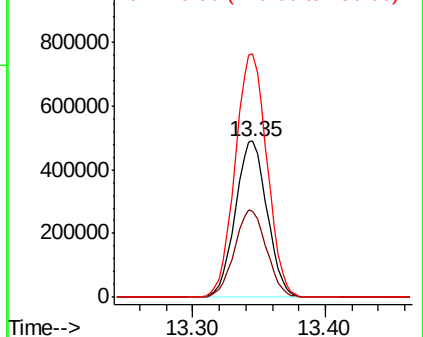


Abundance

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: 0.319 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052993.D

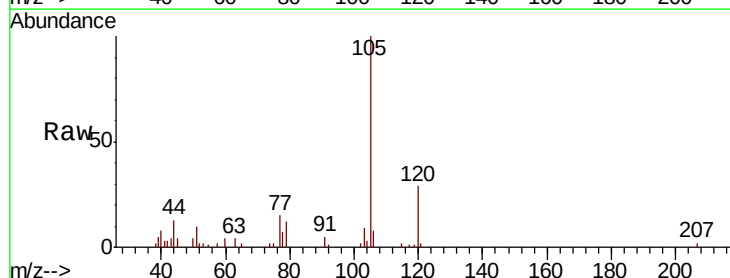
Acq: 19 Dec 2018 6:26

Tgt Ion:105 Resp: 20254

Ion Ratio Lower Upper

105 100

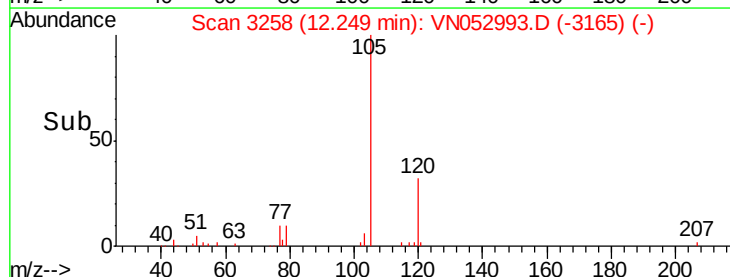
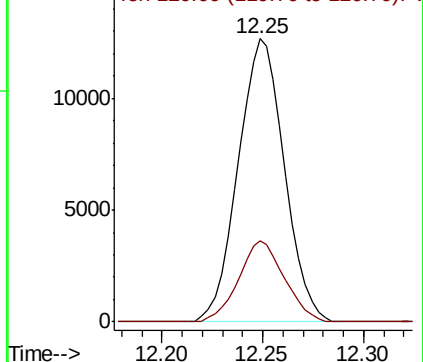
120 28.2 13.3 39.9

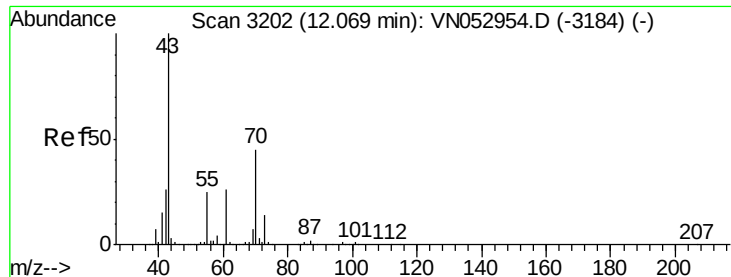


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

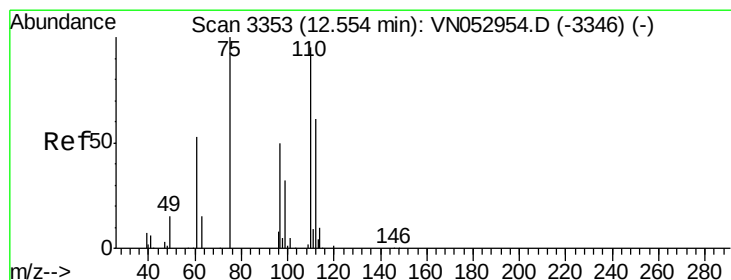
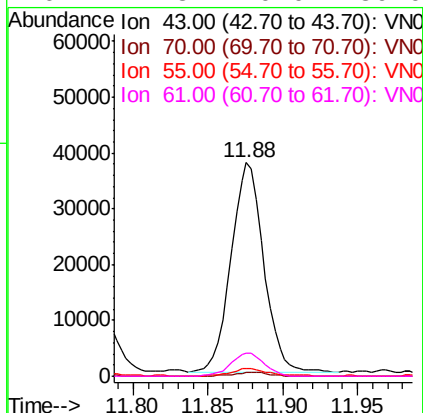
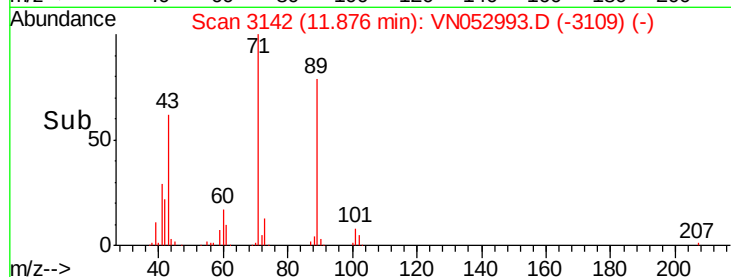
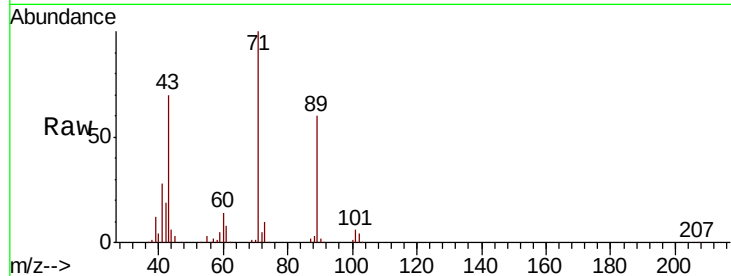




#74
N-amvl acetate
Concen: 3.237 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

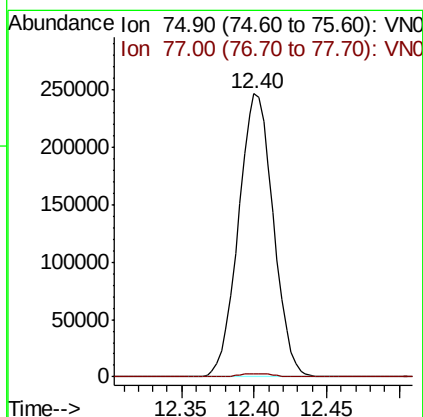
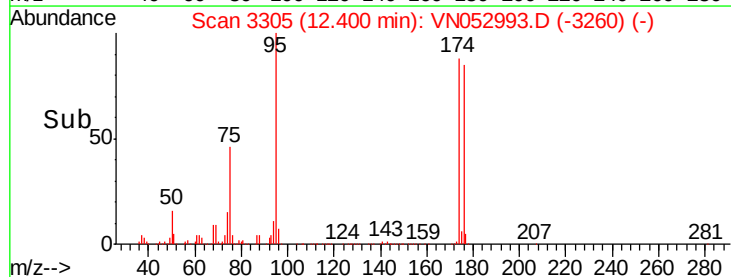
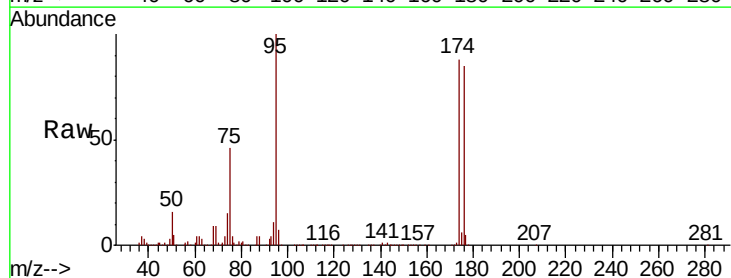
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

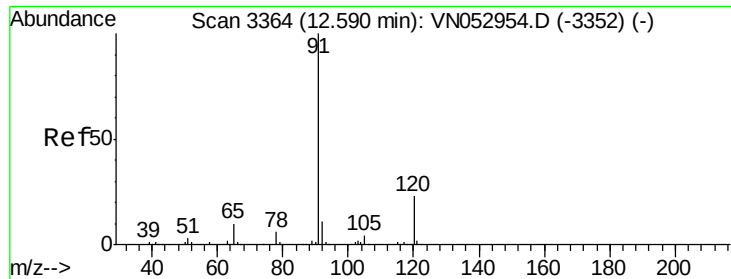
Tot Ion: 43 Resp: 57010
Ion Ratio Lower Upper
43 100
70 1.9 34.2 51.4#
55 4.1 20.3 30.5#
61 11.3 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 30.114 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 75 Resp: 411030
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#78

n-propylbenzene

Concen: 0.241 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

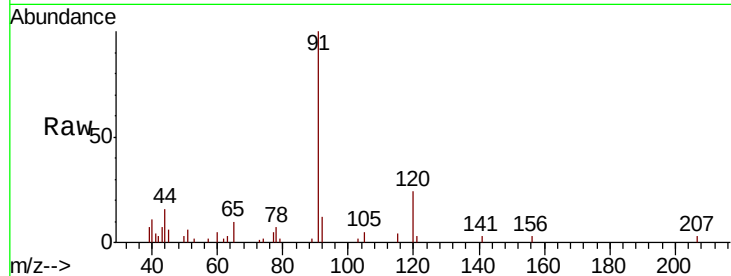
OR-03-121718

Tot Ion: 91 Resp: 17384

Ion Ratio Lower Upper

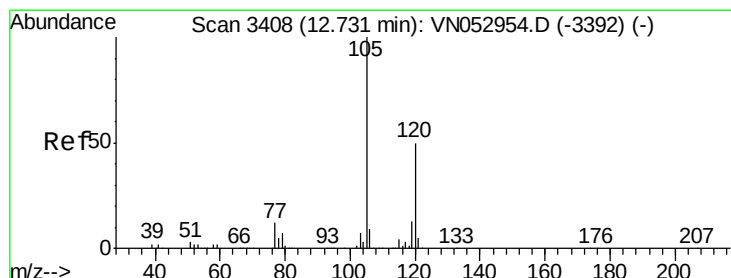
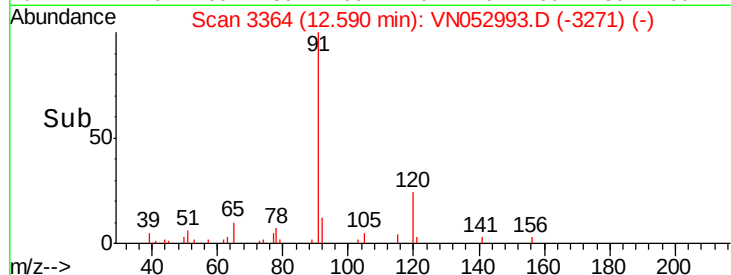
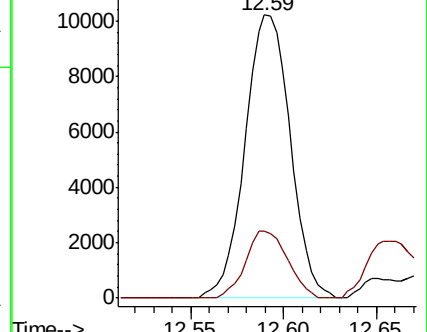
91 100

120 22.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052993.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN052993.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.408 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052993.D

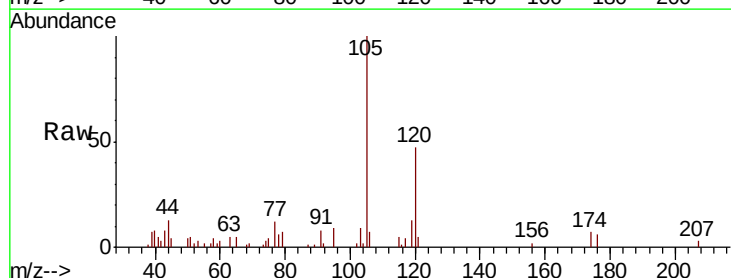
Acq: 19 Dec 2018 6:26

Tgt Ion:105 Resp: 21095

Ion Ratio Lower Upper

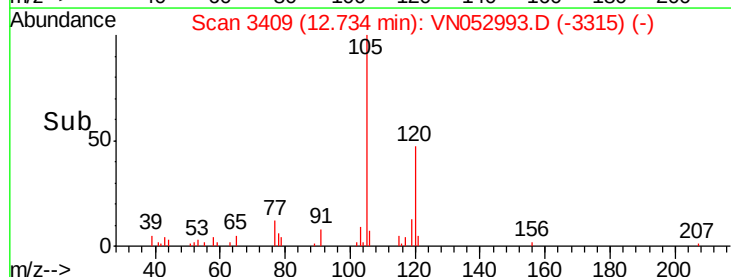
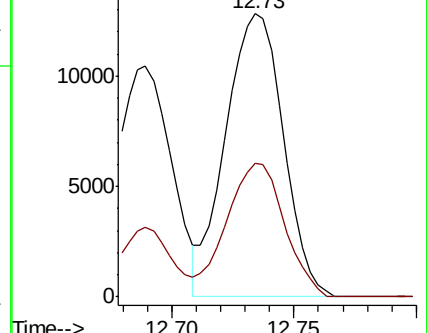
105 100

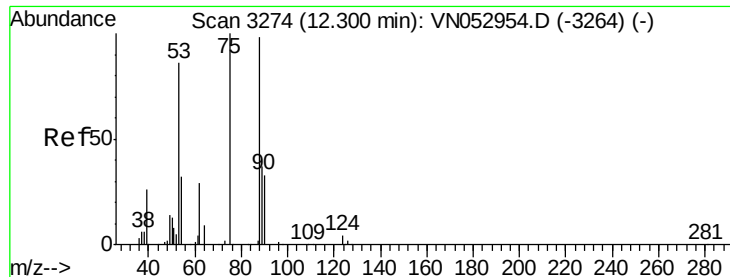
120 47.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052993.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052993.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 97.061 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052993.D

Acq: 19 Dec 2018 6:26

Instrument :

MSVOA_N

ClientSampleId :

OR-03-121718

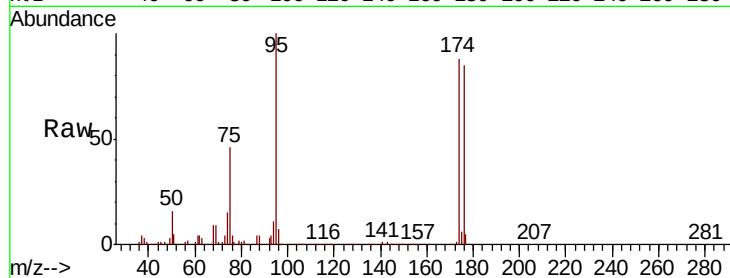
Tot Ion: 75 Resp: 411030

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

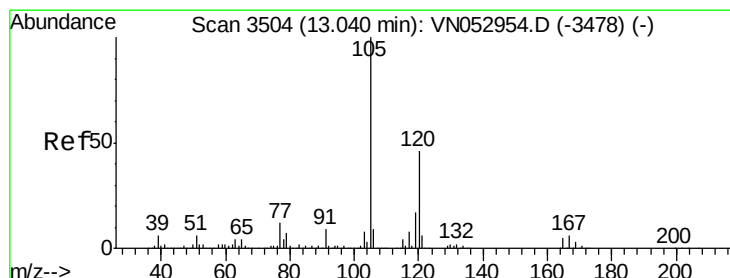
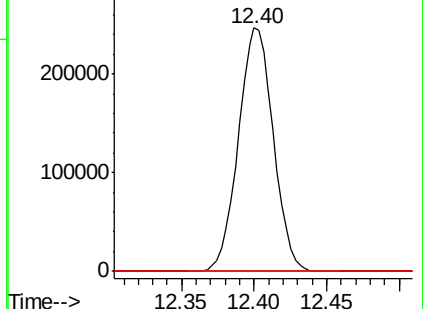
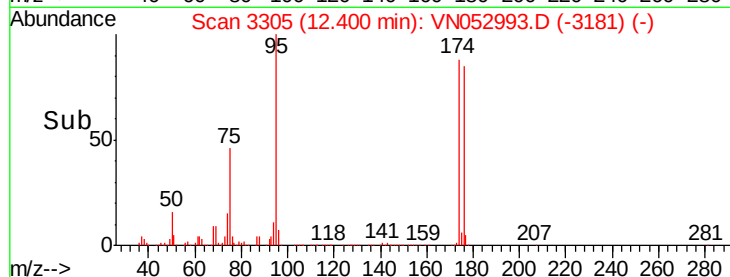
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.967 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052993.D

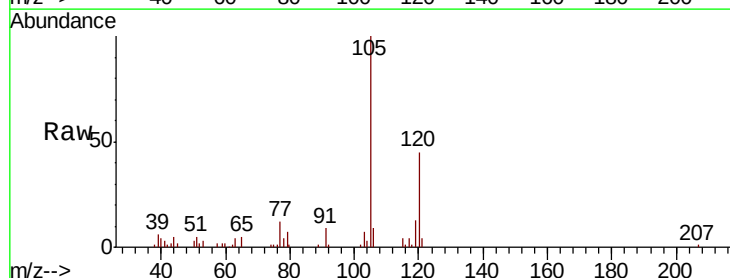
Acq: 19 Dec 2018 6:26

Tgt Ion: 105 Resp: 50278

Ion Ratio Lower Upper

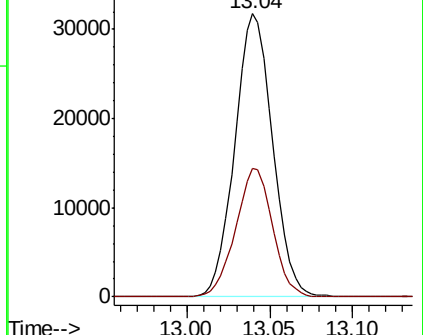
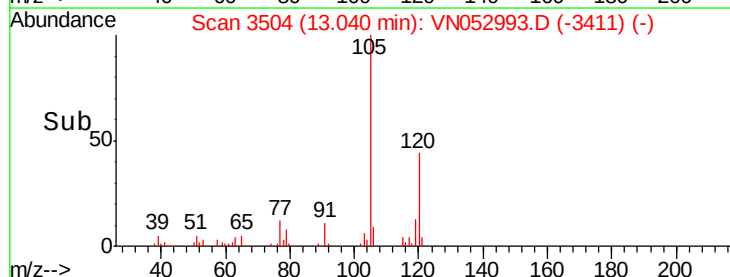
105 100

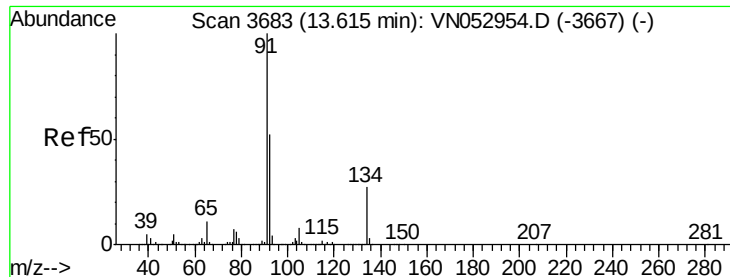
120 44.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3478) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3478) (-)

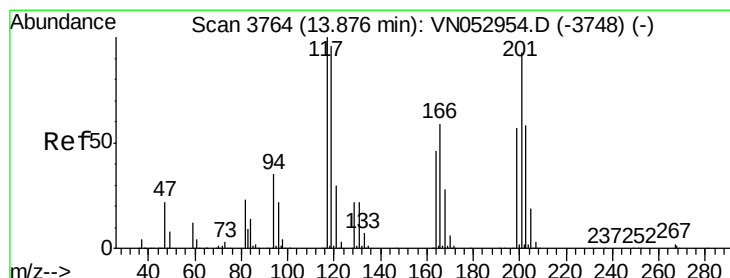
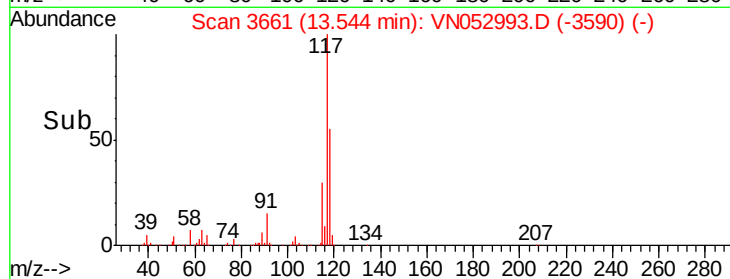
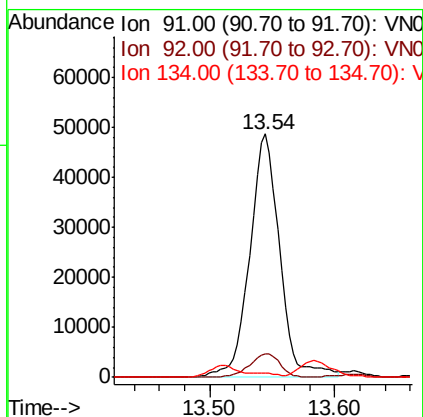
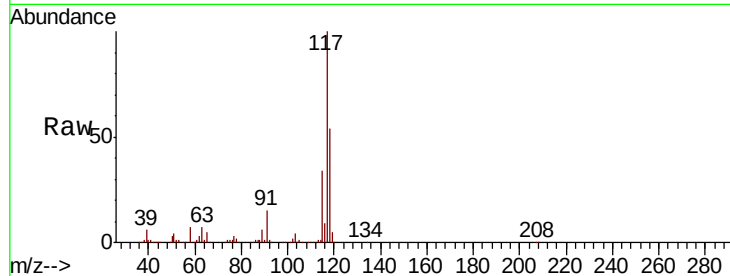




#89
n-Butylbenzene
Concen: 1.770 ug/l
RT: 13.54 min Scan# 3661
Delta R.T. -0.07 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

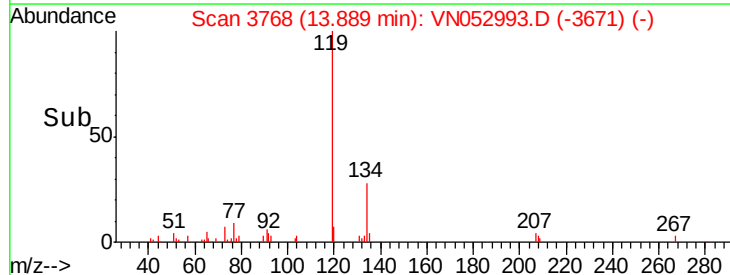
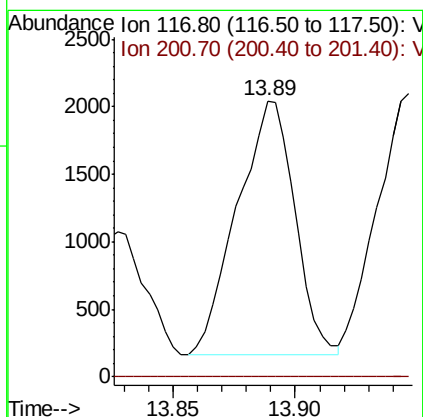
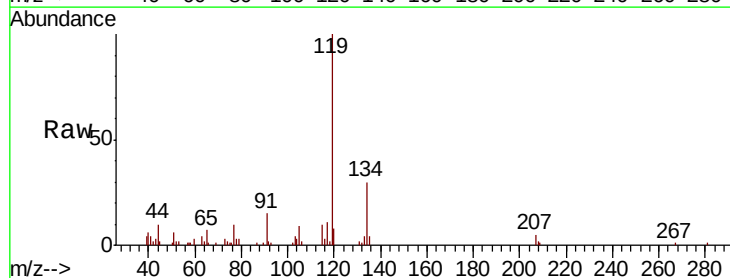
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121718

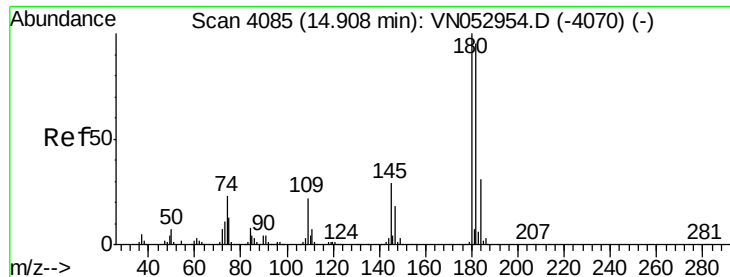
Tot Ion: 91 Resp: 81383
Ion Ratio Lower Upper
91 100
92 9.8 26.3 78.9#
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 0.374 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN052993.D
Acq: 19 Dec 2018 6:26

Tgt Ion: 117 Resp: 3070
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#

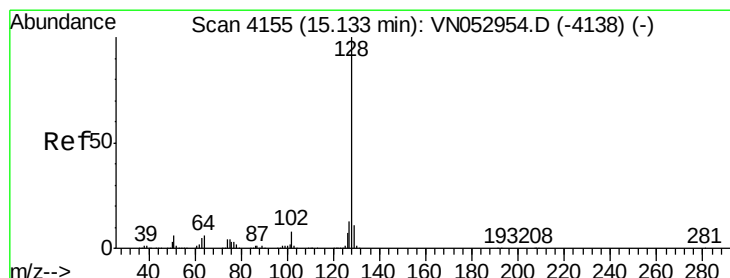
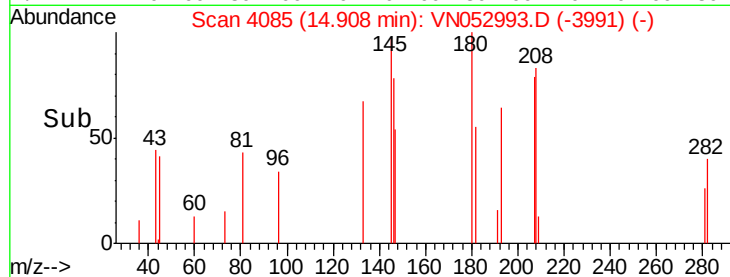
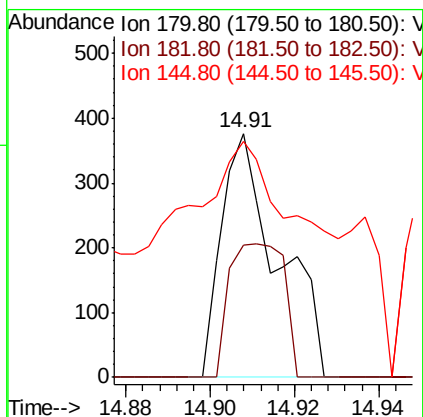
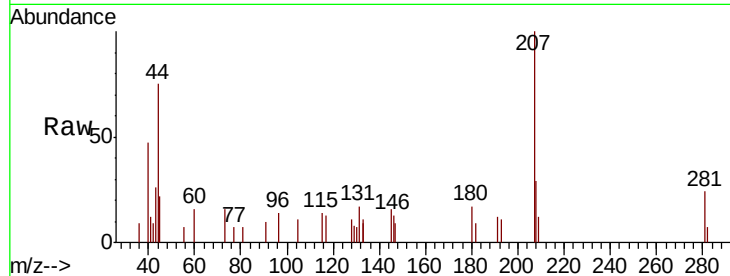




#93
 1,2,4-Trichlorobenzene
 Concen: 0.620 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

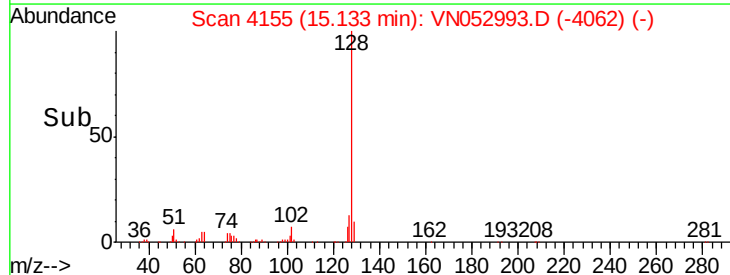
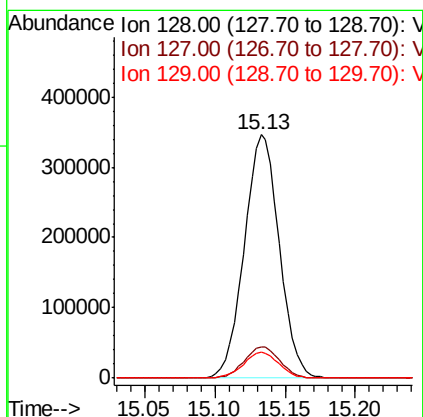
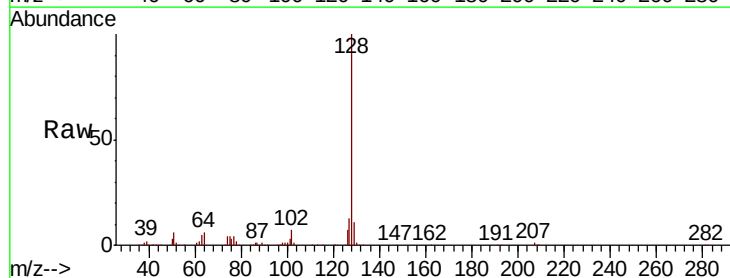
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121718

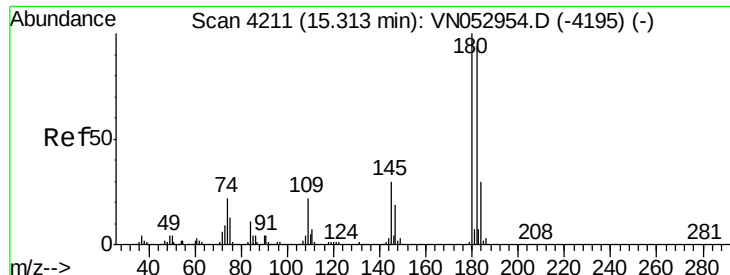
Tot Ion:180 Resp: 351
 Ion Ratio Lower Upper
 180 100
 182 53.3 47.8 143.3
 145 78.1 14.2 42.6#



#95
 Naphthalene
 Concen: 19.548 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

Tgt Ion:128 Resp: 600385
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.522 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052993.D
 Acq: 19 Dec 2018 6:26

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121718

Tot Ion	Ratio	Lower	Upper
180	100		
182	178.1	47.9	143.7#
145	174.5	15.0	45.0#

