

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052322.D
 Acq On : 14 Nov 2018 19:22
 Operator : MD\SY
 Sample : PB114787ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

Quant Time: Nov 15 03:28:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	328707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	225532	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	173653	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.09	98	689598	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	199939	43.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.46%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.93	59	65	0.265	ug/l #	5
13) Acrolein	3.61	56	92	21.998	ug/l #	1
16) Acetone	3.82	43	6240	4.882	ug/l #	88
17) Carbon Disulfide	4.06	76	2392	0.247	ug/l #	74
18) Methyl Acetate	4.32	43	984	0.704	ug/l #	71
20) Methylene Chloride	4.56	84	12512	2.553	ug/l	92
29) Tetrahydrofuran	7.22	42	1135	0.960	ug/l #	45
31) Cyclohexane	7.67	56	10299	0.407	ug/l #	29
36) 1,1-Dichloropropene	7.67	75	29867	5.440	ug/l #	52
38) Carbon Tetrachloride	7.67	117	35528	7.044	ug/l #	15
41) Methacrylonitrile	7.18	41	189	3.774	ug/l #	100
43) Isopropyl Acetate	8.17	43	34716	4.515	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1495	0.336	ug/l #	44
48) Methyl methacrylate	9.18	41	6973	1.787	ug/l #	16
49) 1,4-Dioxane	9.26	88	59	1.970	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	6921	1.788	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	40833	6.717	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	8776	1.457	ug/l #	43
59) 2-Hexanone	10.76	43	143338	53.847	ug/l #	55
68) m/p-Xylenes	11.62	106	1357	0.216	ug/l	93
71) Bromoform	12.40	173	1518	0.762	ug/l #	1
74) N-amyl acetate	11.88	43	18250	4.014	ug/l #	58
76) 1,2,3-Trichloropropane	12.40	75	110064	40.853	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12002	1.182	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	110064	132.503	ug/l #	5
82) 4-Chlorotoluene	12.77	91	1974	0.221	ug/l	78
87) 1,3-Dichlorobenzene	13.28	146	1555	0.295	ug/l	94
88) 1,4-Dichlorobenzene	13.28	146	1555	0.297	ug/l	93
89) n-Butylbenzene	13.62	91	2638	0.297	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	1390	0.272	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	1662	2.924	ug/l	88
94) Hexachlorobutadiene	15.00	225	720	0.616	ug/l #	66
95) Naphthalene	15.13	128	3168	3.139	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.31	180	1481	0.763	ug/l	87

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QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

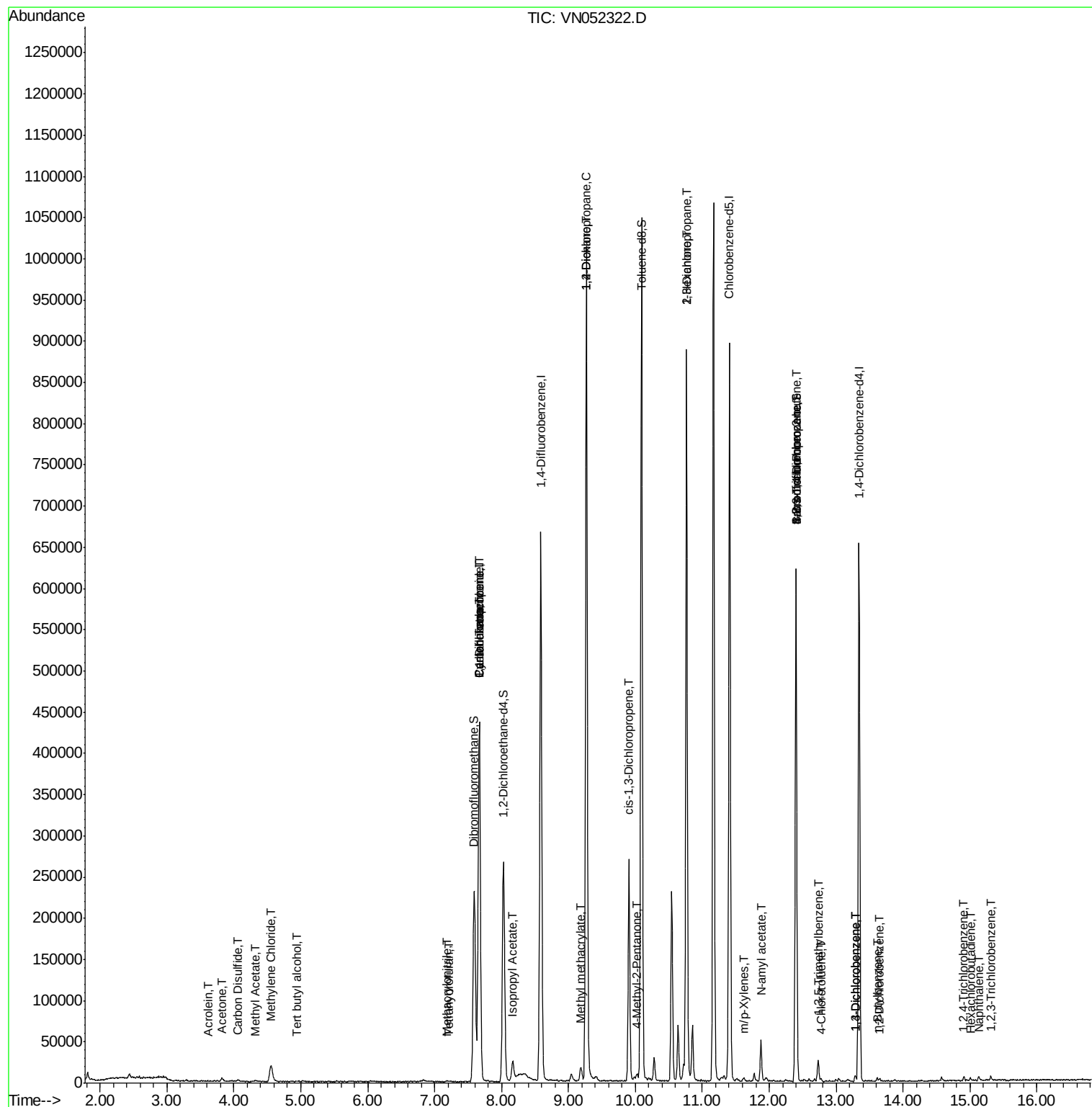
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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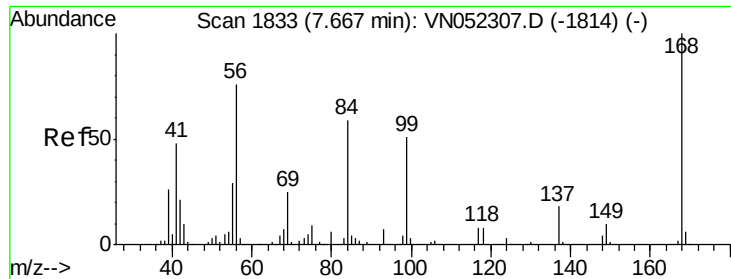
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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Sample : PB114787ZHE#04
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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: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

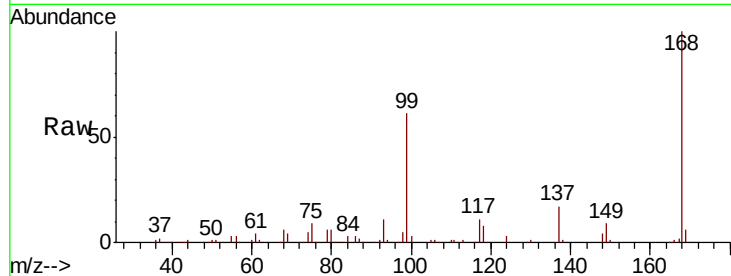
PB114787ZHE#04

Tot Ion:168 Resp: 328707

Ion Ratio Lower Upper

168 100

99 60.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

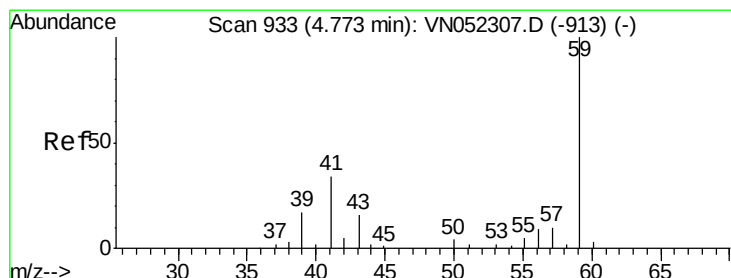
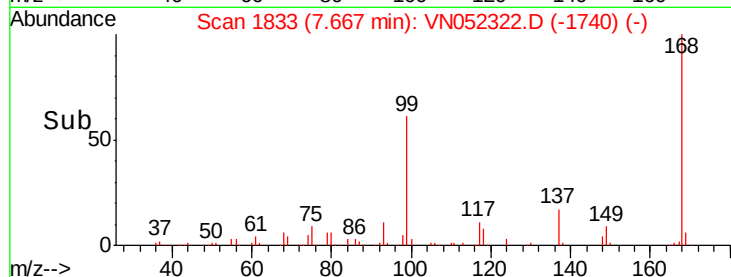
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.265 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.16 min

Lab File: VN052322.D

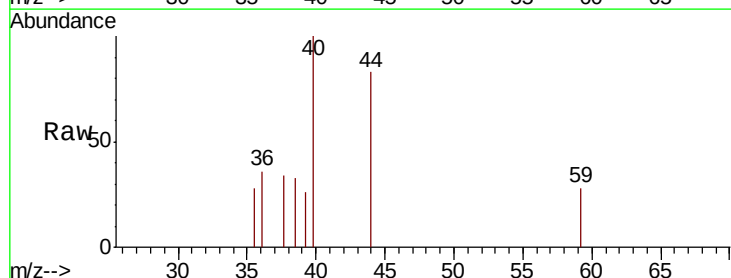
Acq: 14 Nov 2018 19:22

Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

59 100

57 46.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN052307.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN052307.D (-913) (-)

4.93

200

150

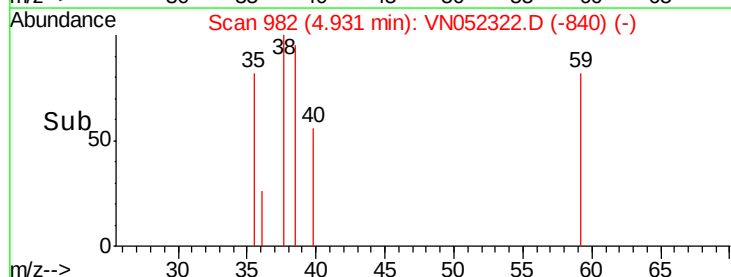
100

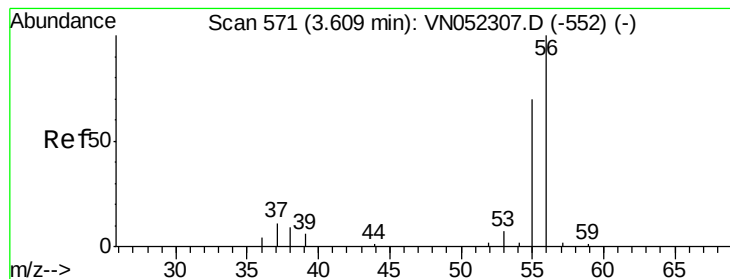
50

0

4.92 4.93 4.94

Time-->





#13

Acrolein

Concen: 21.998 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

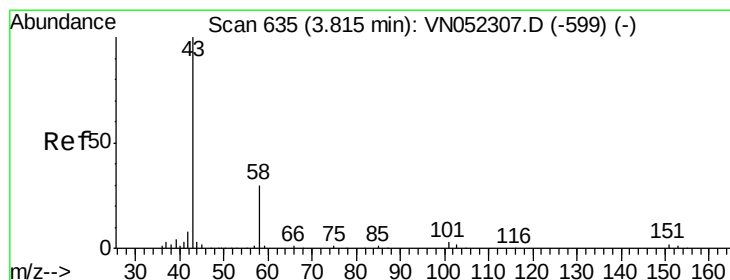
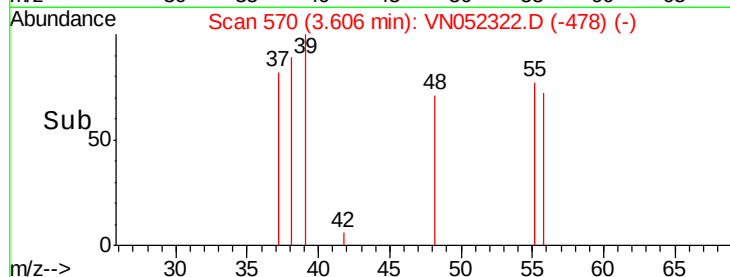
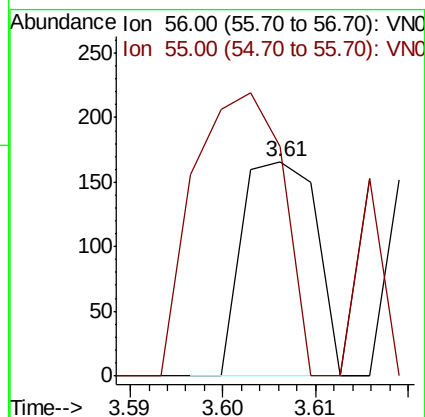
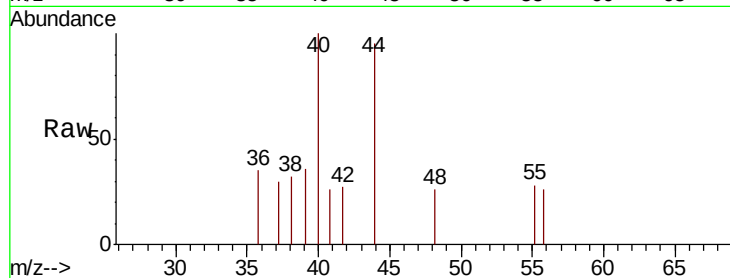
PB114787ZHE#04

Tot Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 158.7 57.6 86.4#



#16

Acetone

Concen: 4.882 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052322.D

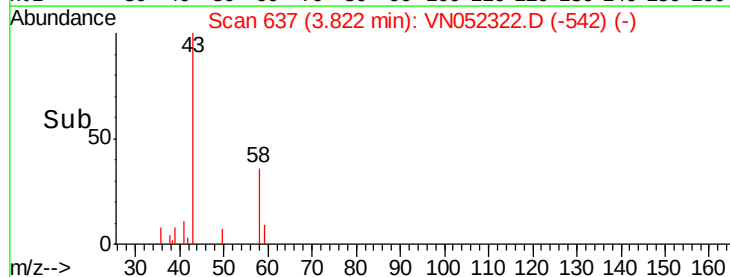
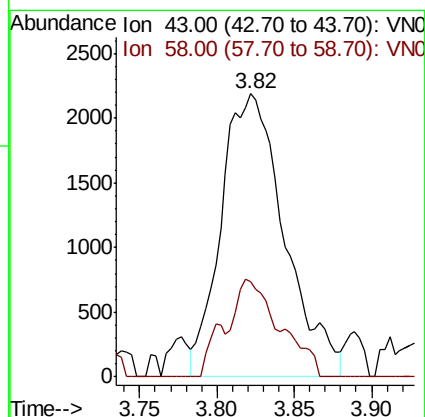
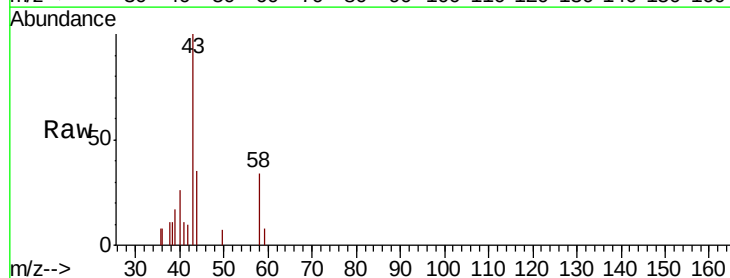
Acq: 14 Nov 2018 19:22

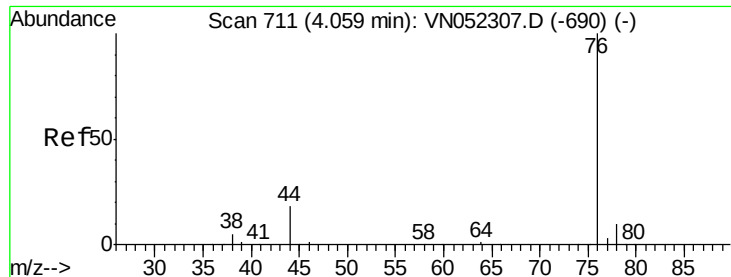
Tgt Ion: 43 Resp: 6240

Ion Ratio Lower Upper

43 100

58 36.8 24.2 36.4#





#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

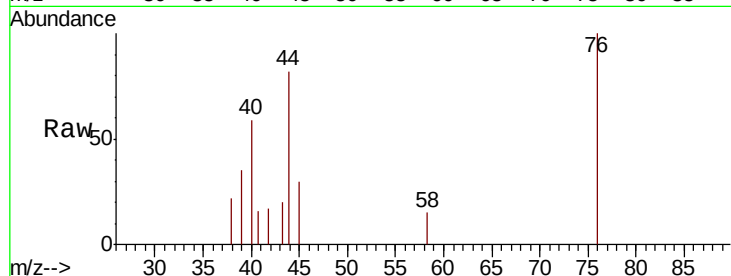
PB114787ZHE#04

Tot Ion: 76 Resp: 2392

Ion Ratio Lower Upper

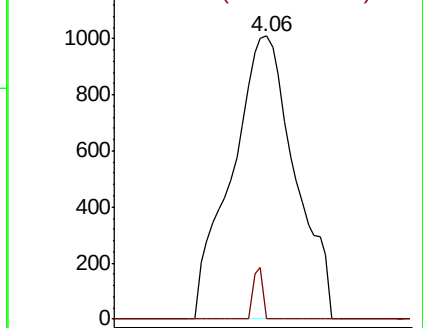
76 100

78 0.0 7.7 11.5#

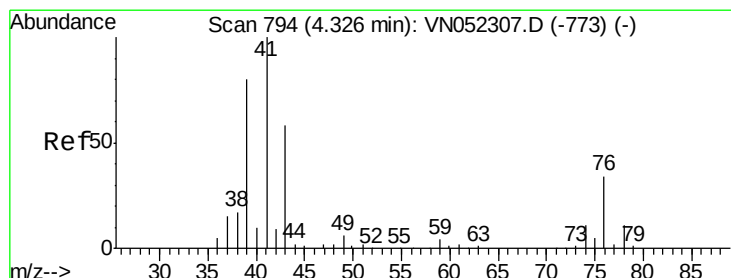
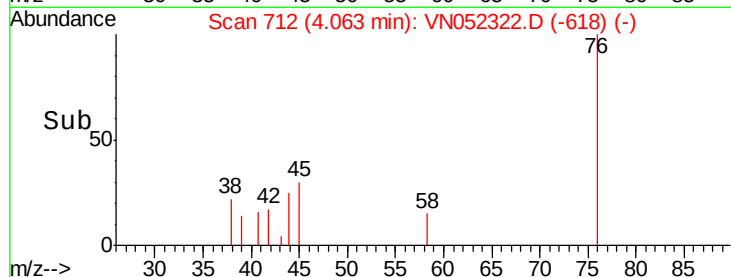


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 0.704 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052322.D

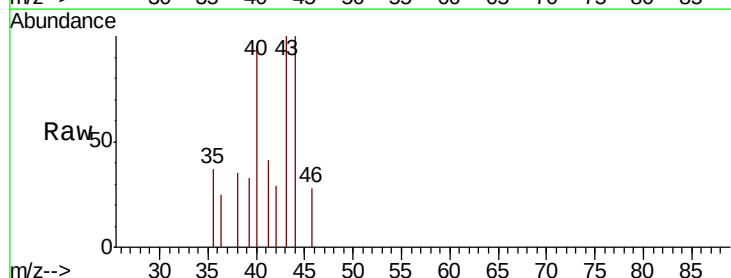
Acq: 14 Nov 2018 19:22

Tgt Ion: 43 Resp: 984

Ion Ratio Lower Upper

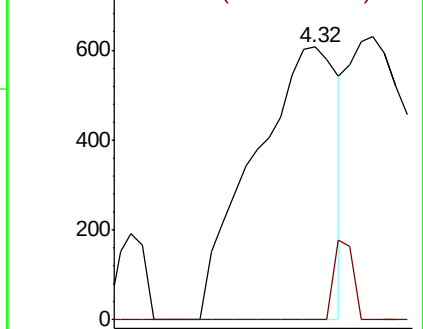
43 100

74 6.7 15.9 23.9#

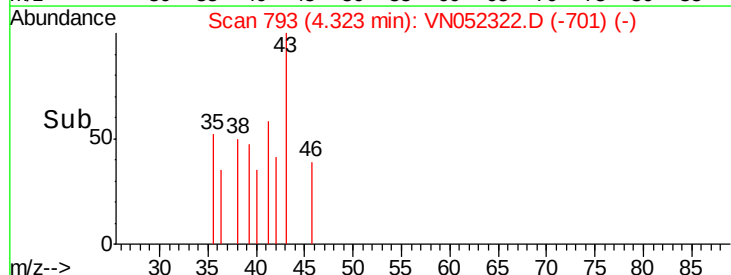


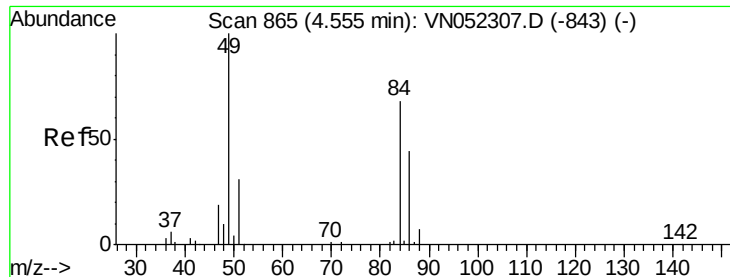
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

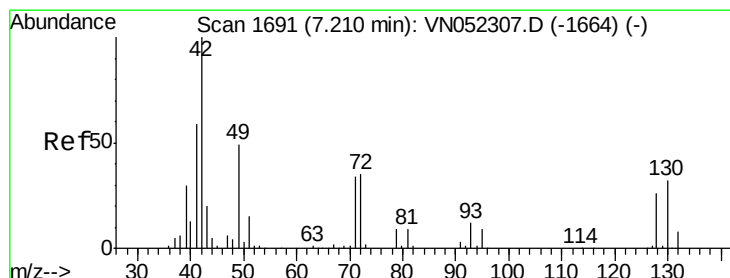
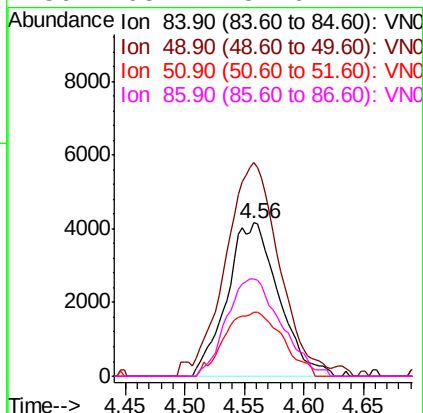
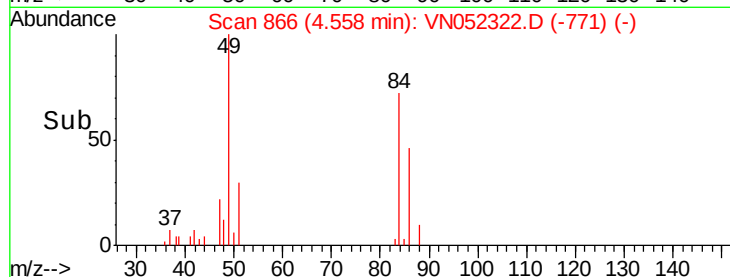
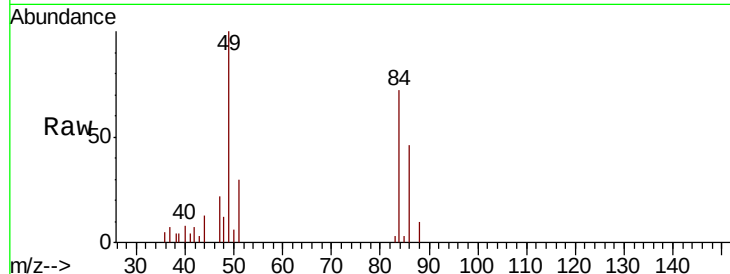




#20
Methylene Chloride
Concen: 2.553 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

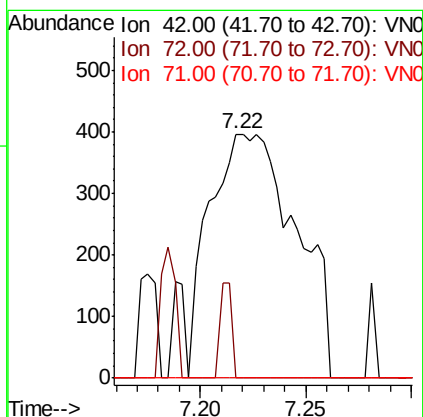
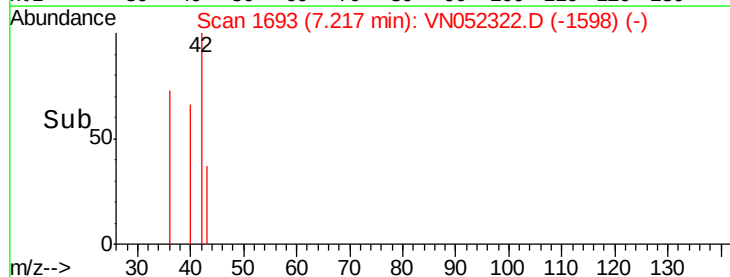
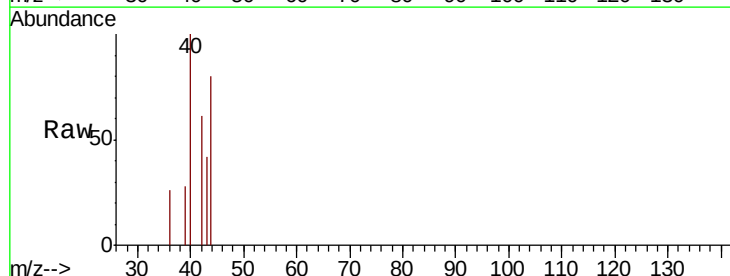
Instrument :
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ClientSampleId :
PB114787ZHE#04

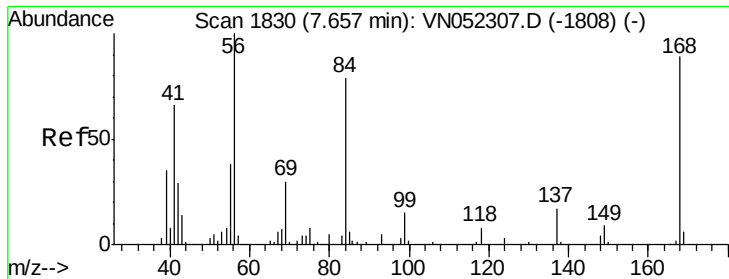
Tot Ion:	84	Resp:	12512
Ion	Ratio	Lower	Upper
84	100		
49	132.6	118.2	177.2
51	42.0	36.1	54.1
86	63.7	51.6	77.4



#29
Tetrahydrofuran
Concen: 0.960 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion:	42	Resp:	1135
Ion	Ratio	Lower	Upper
42	100		
72	5.3	28.6	42.8#
71	0.0	26.7	40.1#

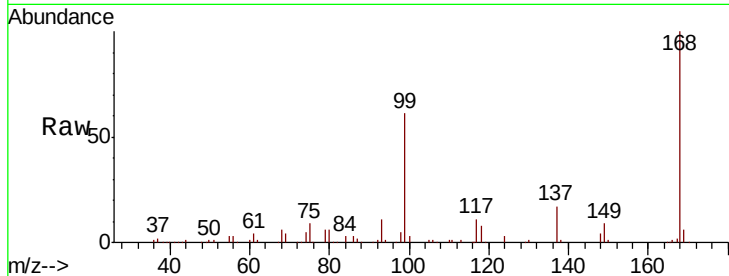




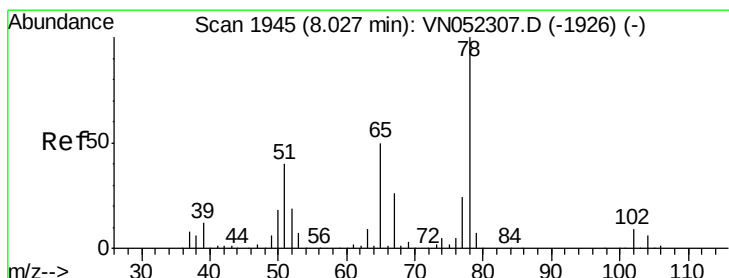
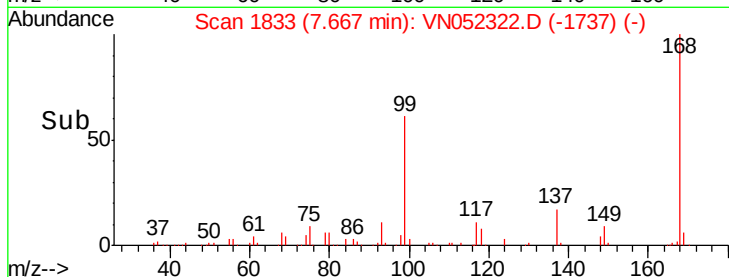
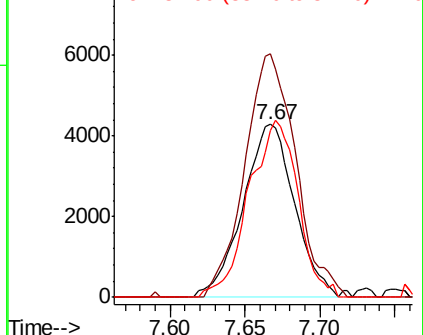
#31
Cyclohexane
Concen: 0.407 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#04

Tot Ion: 56 Resp: 10299
Ion Ratio Lower Upper
56 100
69 140.6 23.8 35.8#
84 96.2 63.0 94.6#

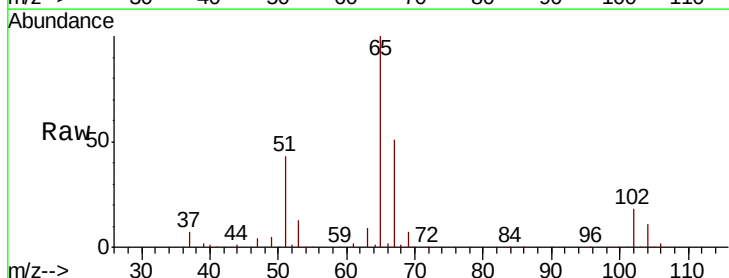


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

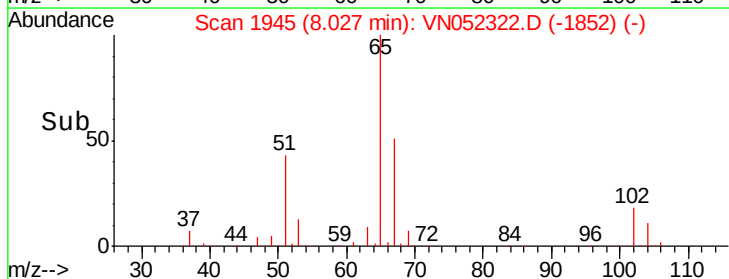
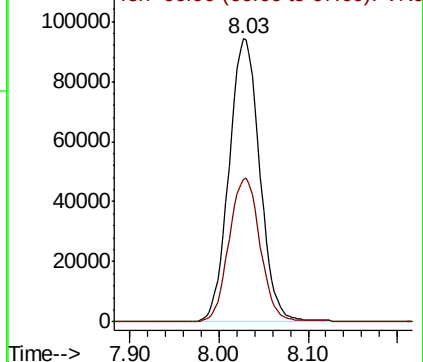


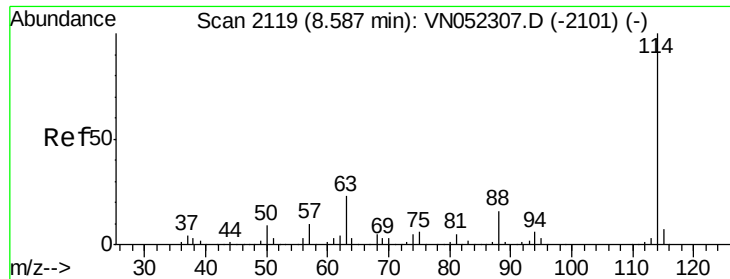
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion: 65 Resp: 225532
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2



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

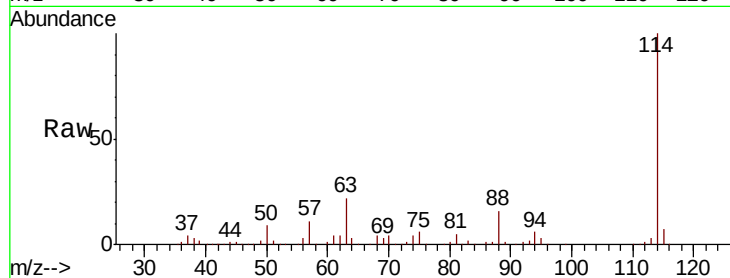




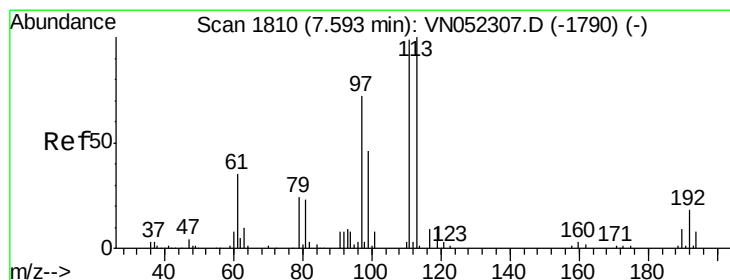
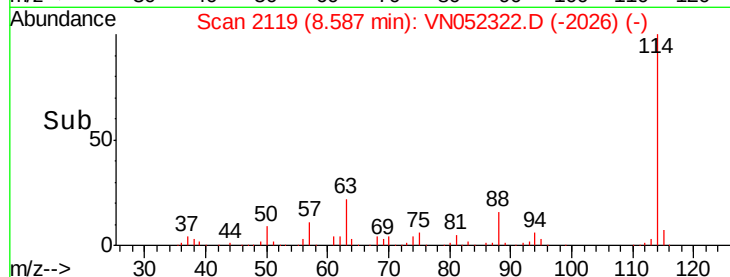
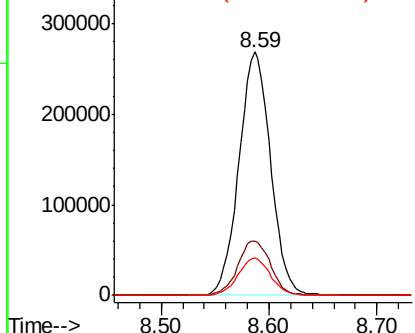
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

Tot Ion:114 Resp: 547730
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.4
 88 15.6 0.0 31.2

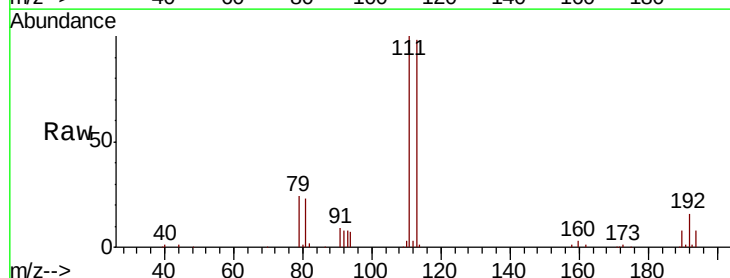


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

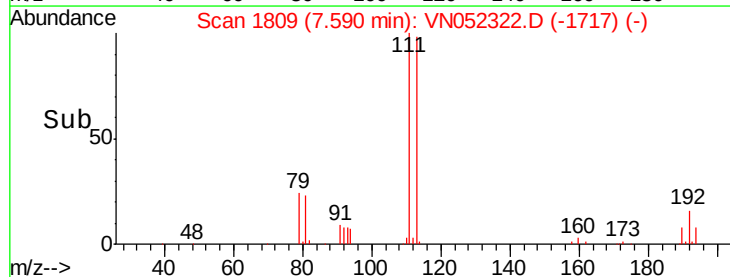
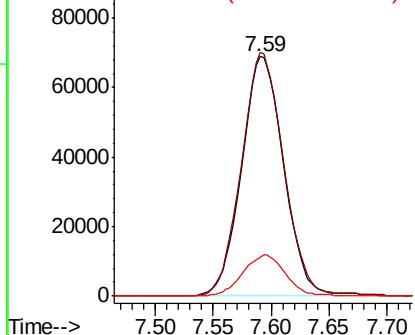


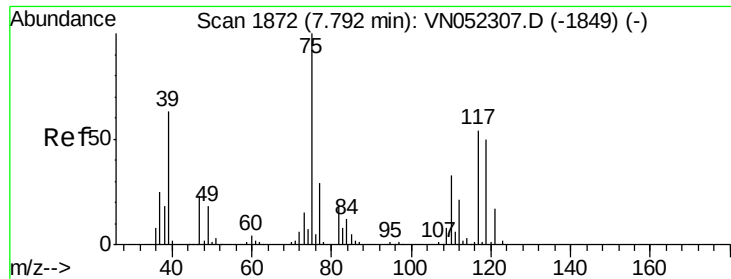
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Tgt Ion:113 Resp: 173653
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 17.6 13.8 20.6



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: 5.440 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

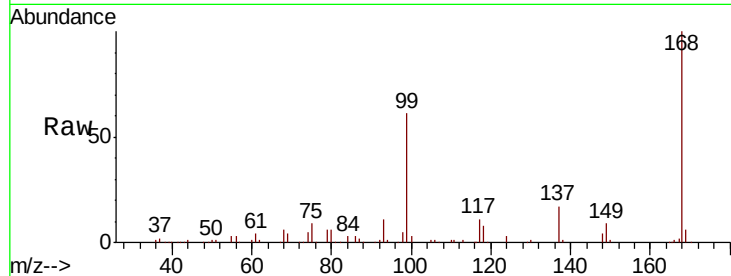
Tot Ion: 75 Resp: 29867

Ion Ratio Lower Upper

75 100

110 9.6 16.5 49.5#

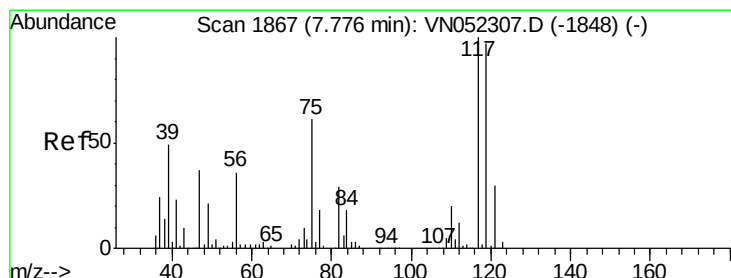
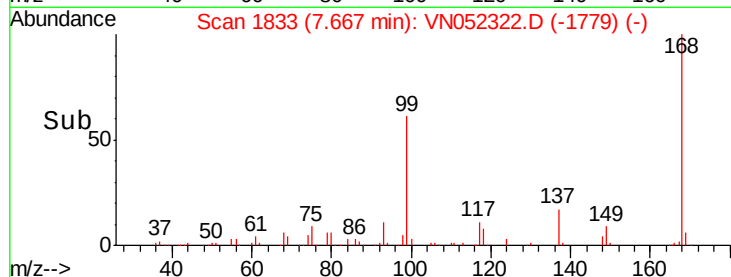
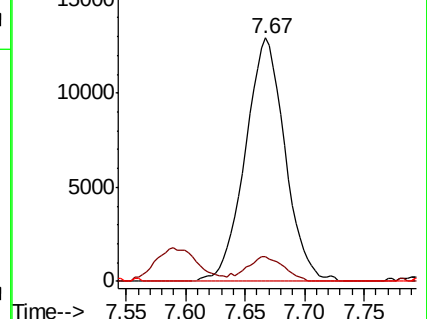
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 7.044 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

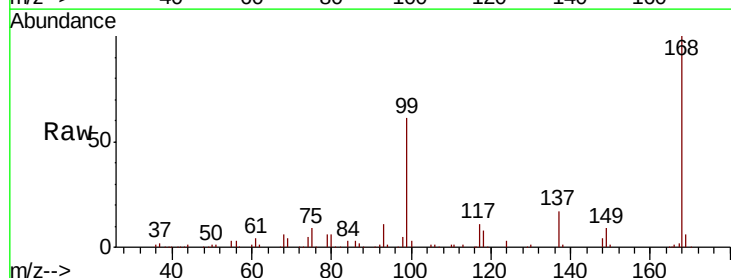
Tgt Ion: 117 Resp: 35528

Ion Ratio Lower Upper

117 100

119 4.0 77.4 116.0#

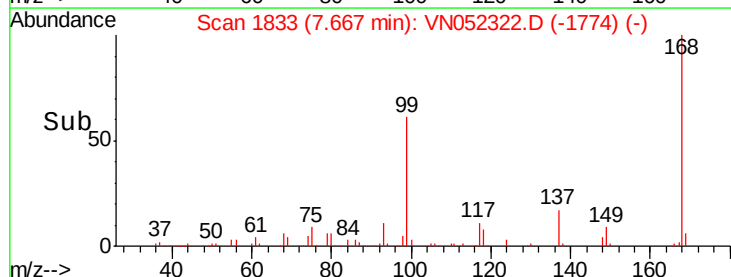
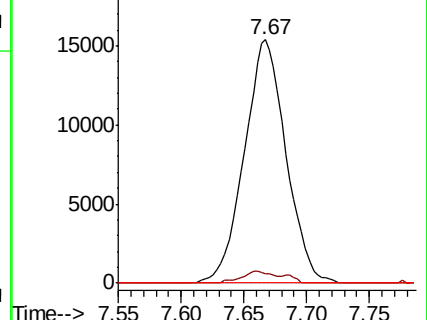
121 0.0 24.0 36.0#

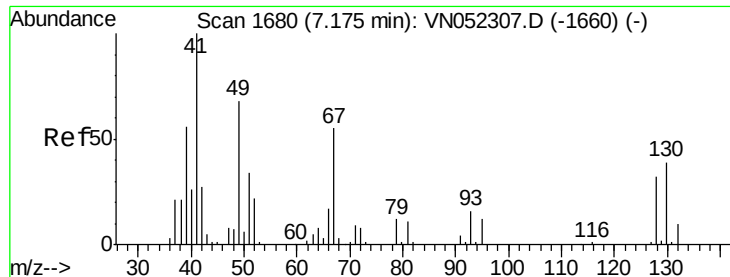


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

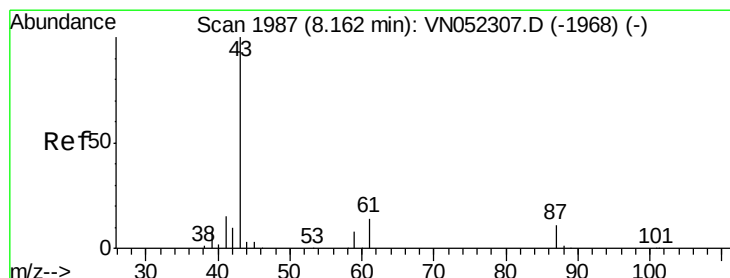
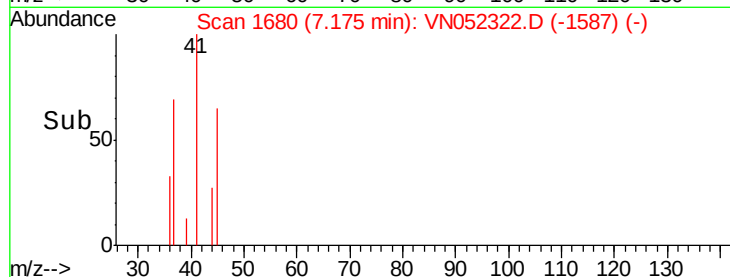
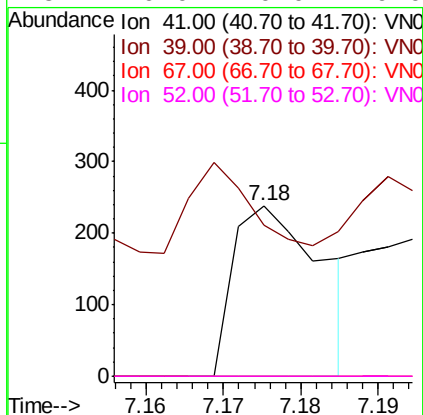
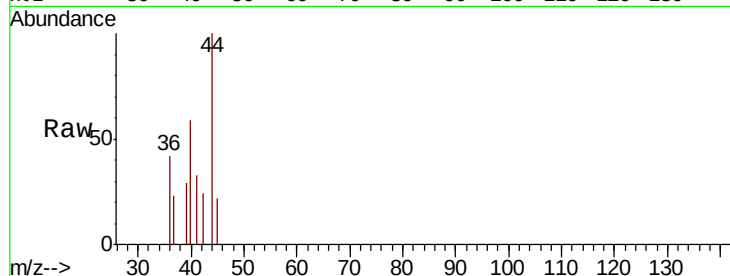




#41
Methacrylonitrile
Concen: 3.774 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

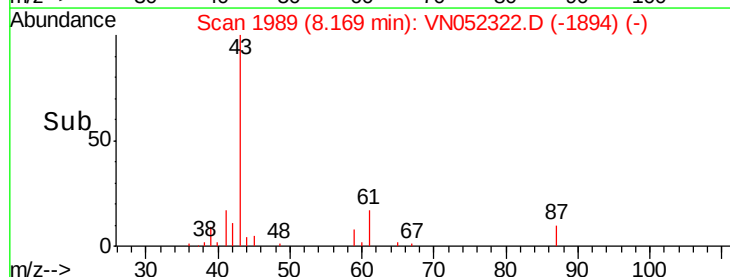
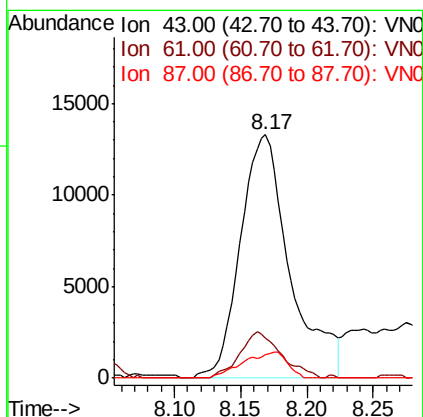
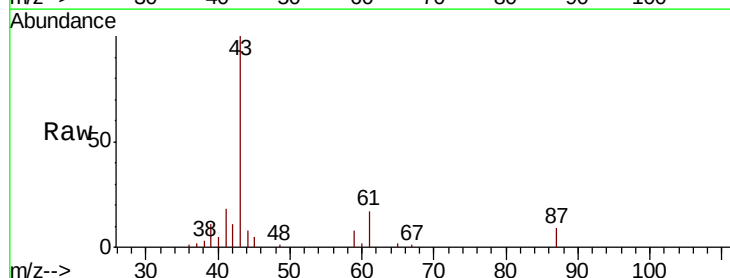
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#04

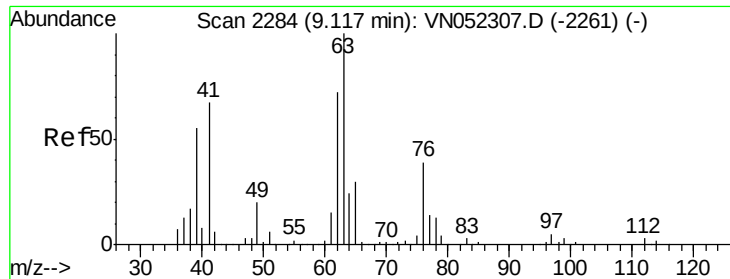
Tot Ion:	41	Resp:	189
Ion	Ratio	Lower	Upper
41	100		
39	64.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 4.515 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion:	43	Resp:	34716
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.0	18.0
87	9.5	8.3	12.5

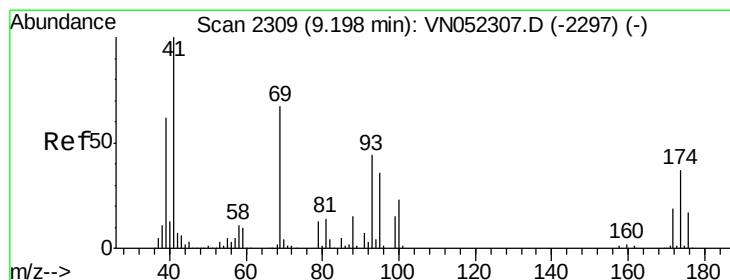
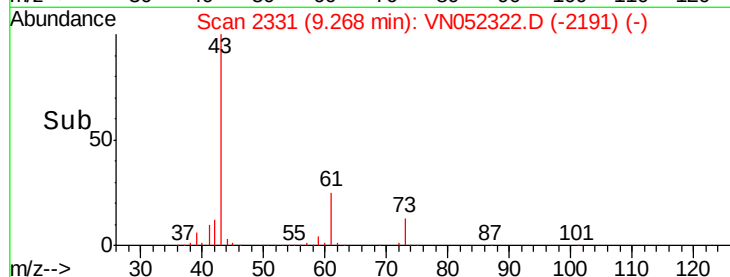
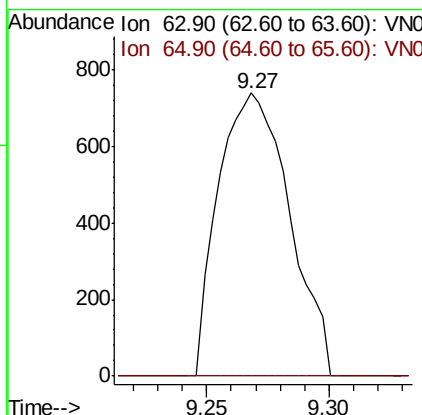
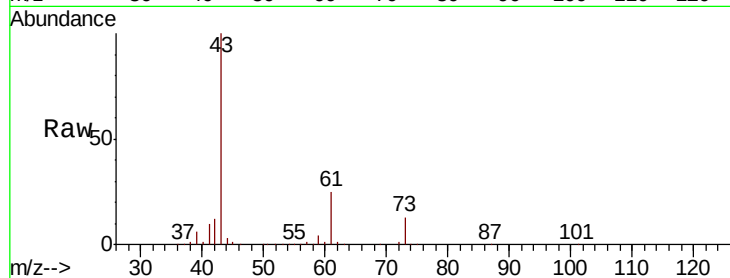




#45
 1,2-Dichloropropane
 Concen: 0.336 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

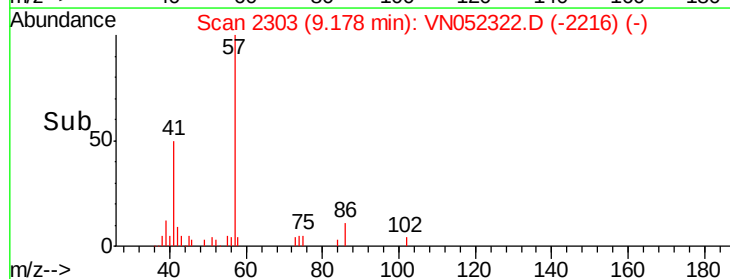
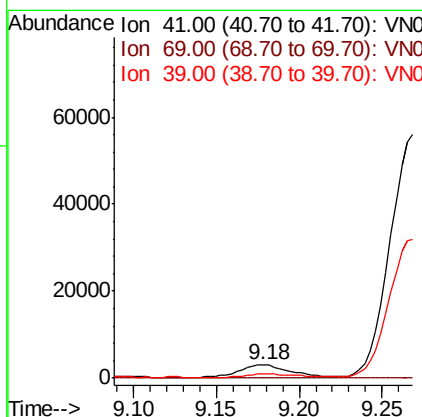
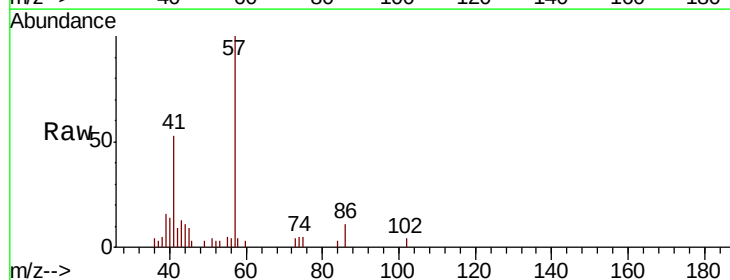
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

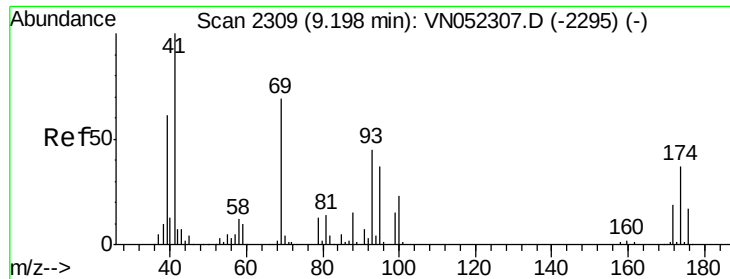
Tot Ion: 63 Resp: 1495
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 1.787 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Tgt Ion: 41 Resp: 6973
 Ion Ratio Lower Upper
 41 100
 69 0.0 57.1 85.7#
 39 0.0 52.5 78.7#





#49

1,4-Dioxane

Concen: 1.970 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

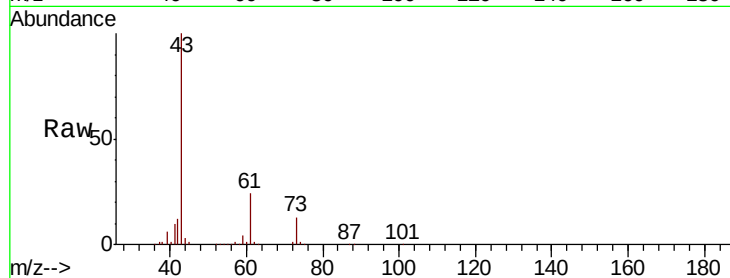
Tot Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 1744732.2 33.3 49.9#

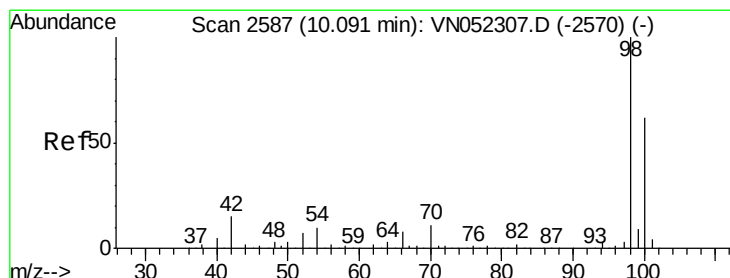
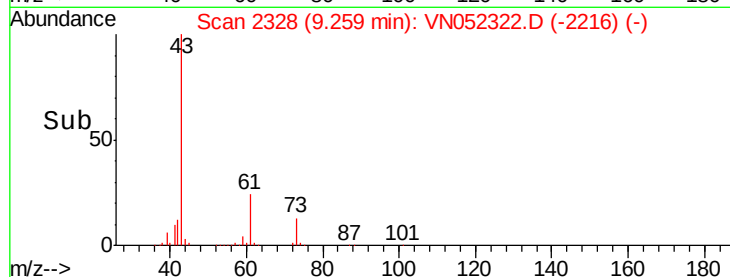
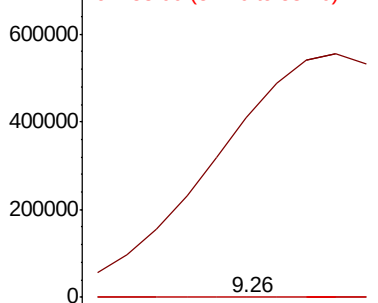
58 7308.5 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 1.970 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052322.D

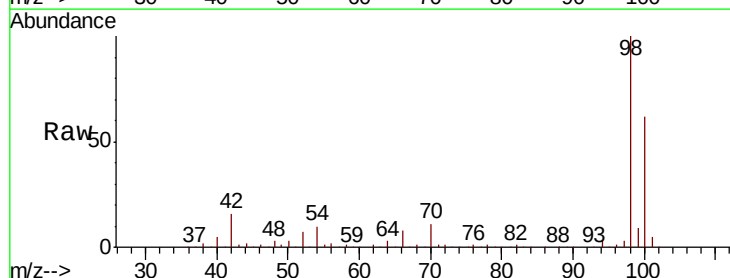
Acq: 14 Nov 2018 19:22

Tgt Ion: 98 Resp: 689598

Ion Ratio Lower Upper

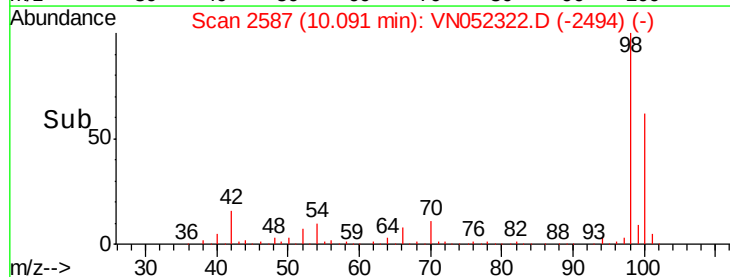
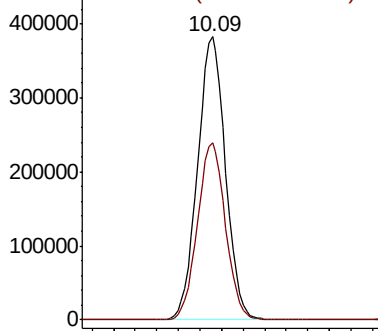
98 100

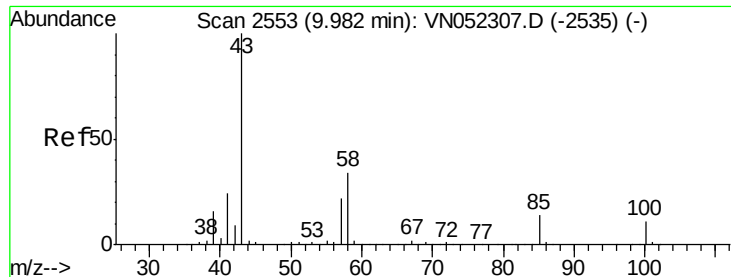
100 62.5 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.788 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

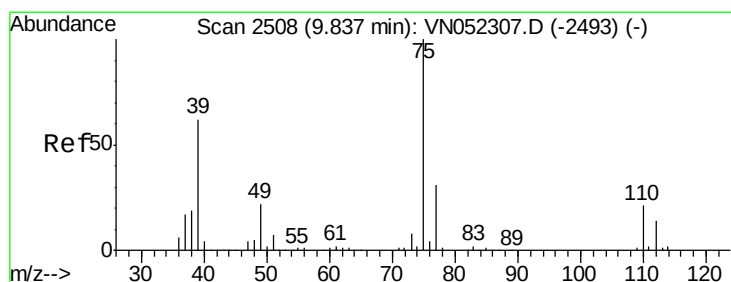
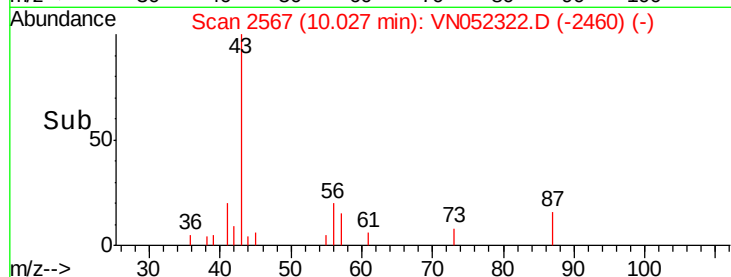
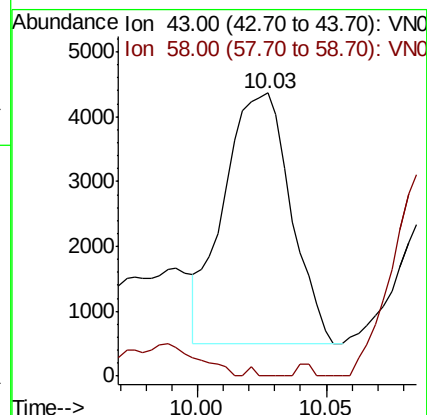
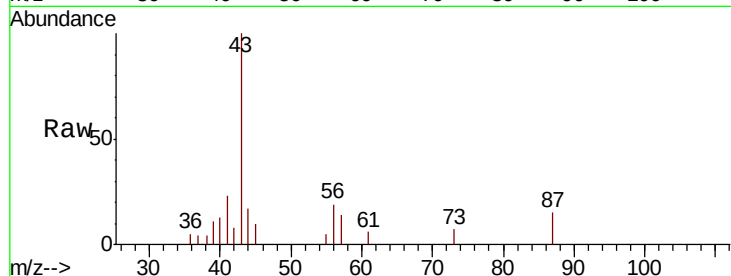
PB114787ZHE#04

Tot Ion: 43 Resp: 6921

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



#54

cis-1,3-Dichloropropene

Concen: 6.717 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

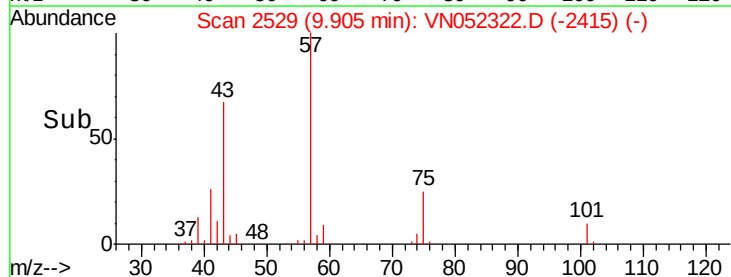
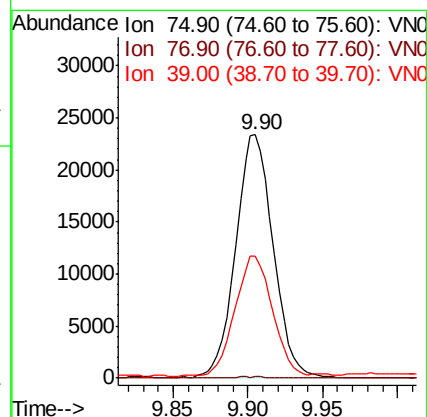
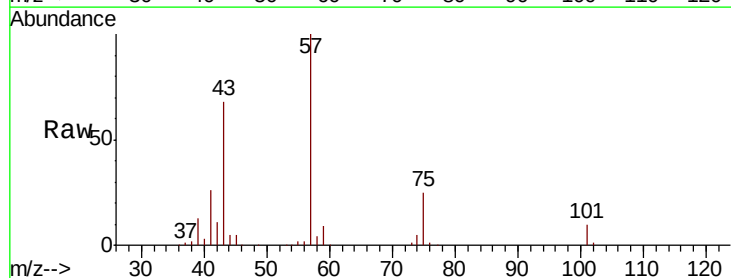
Tgt Ion: 75 Resp: 40833

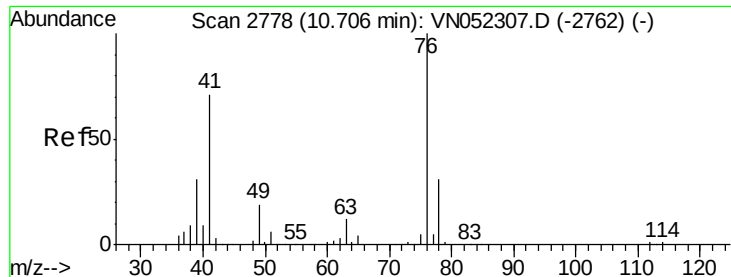
Ion Ratio Lower Upper

75 100

77 0.8 24.6 36.8#

39 48.7 49.9 74.9#

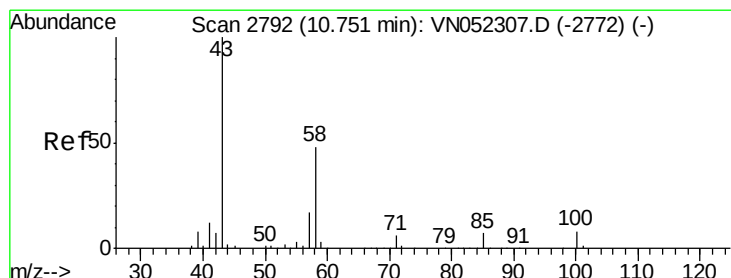
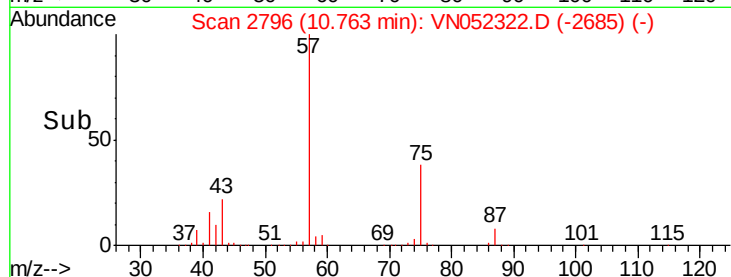
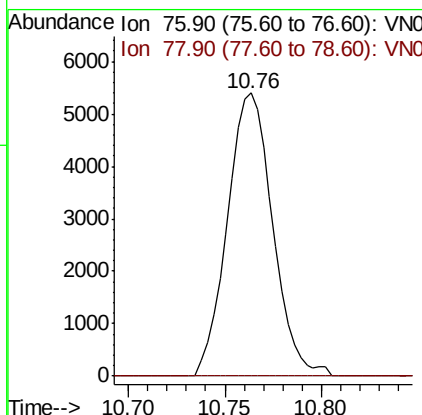
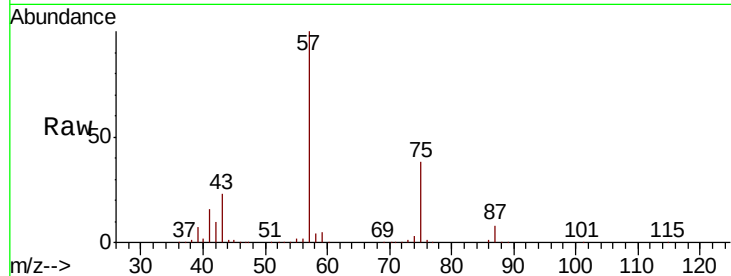




#57
 1,3-Dichloropropane
 Concen: 1.457 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

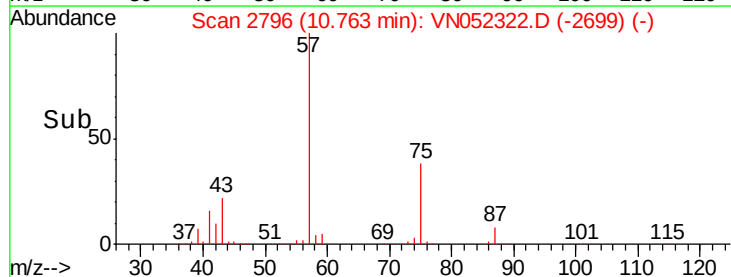
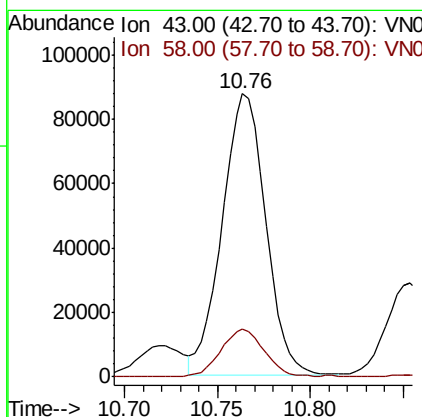
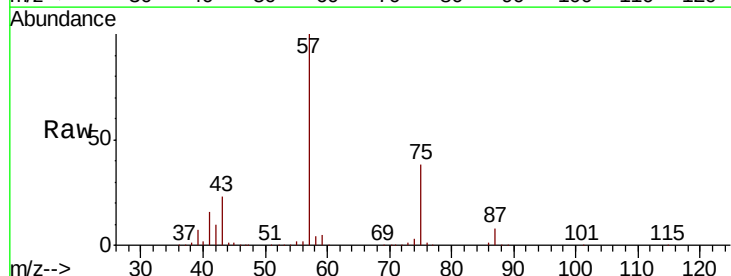
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

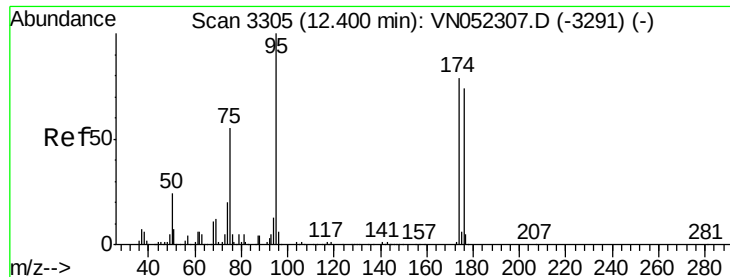
Tot Ion: 76 Resp: 8776
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 53.847 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Tgt Ion: 43 Resp: 143338
 Ion Ratio Lower Upper
 43 100
 58 17.0 23.5 70.6#

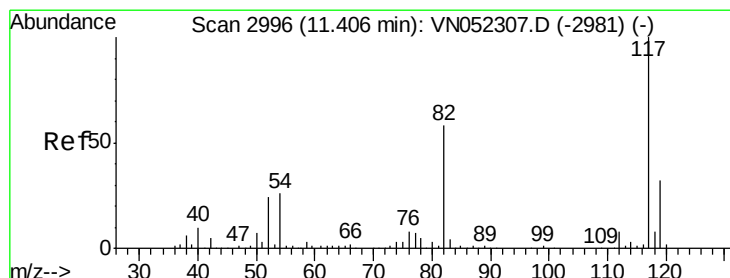
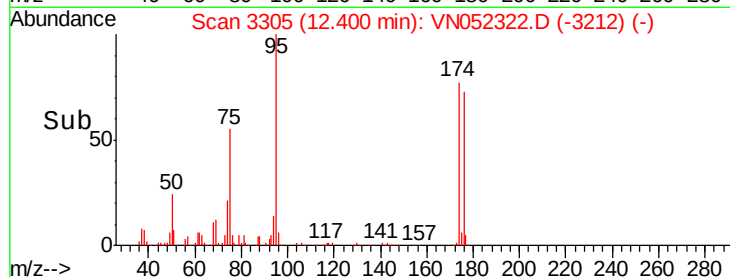
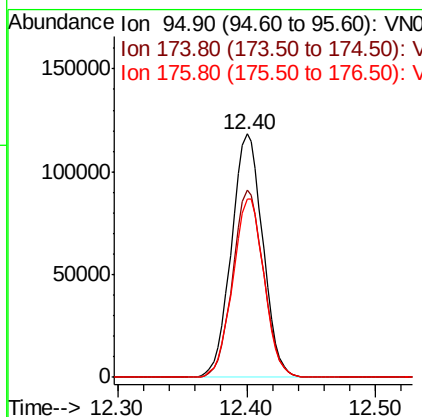
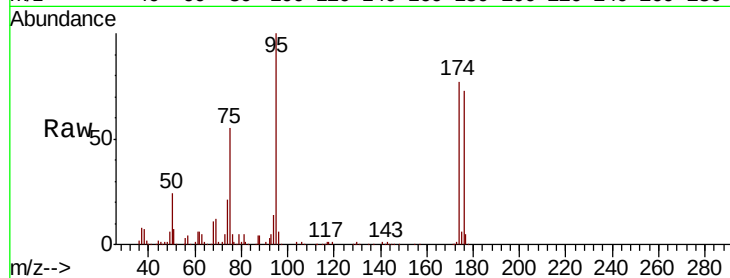




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

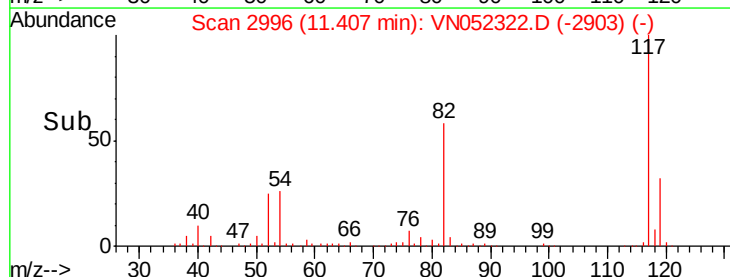
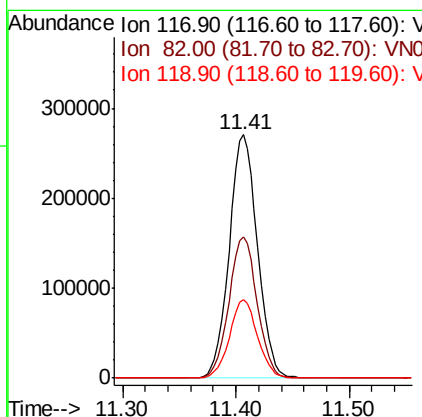
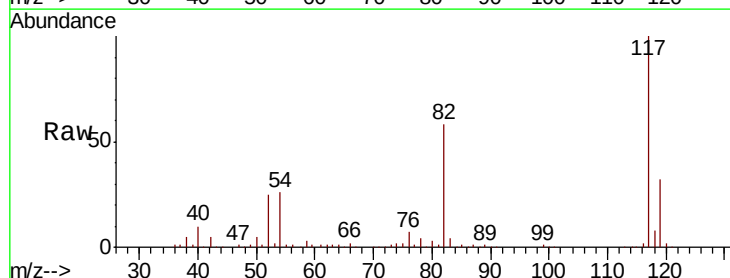
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#04

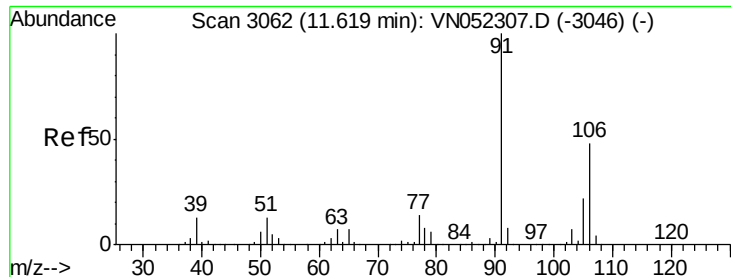
Tot Ion: 95 Resp: 199939
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.0
176 73.1 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion: 117 Resp: 467927
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 32.3 25.7 38.5

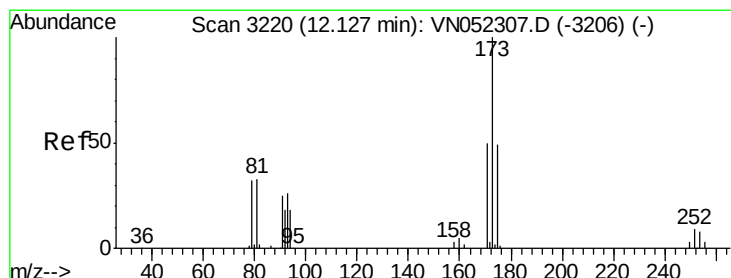
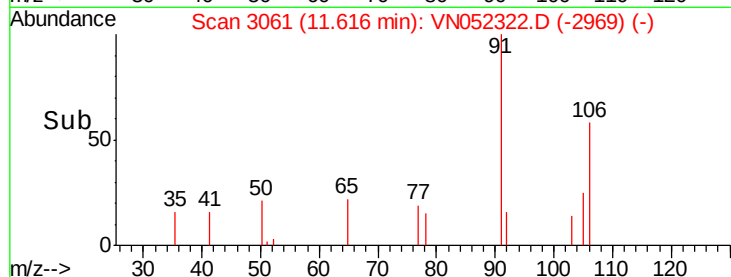
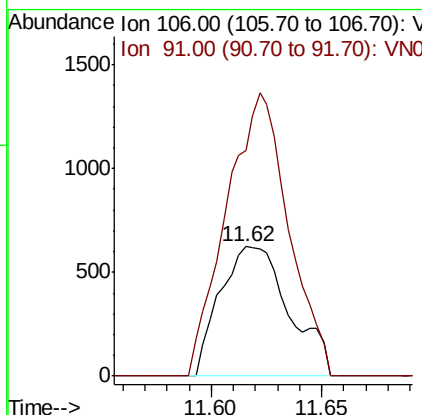
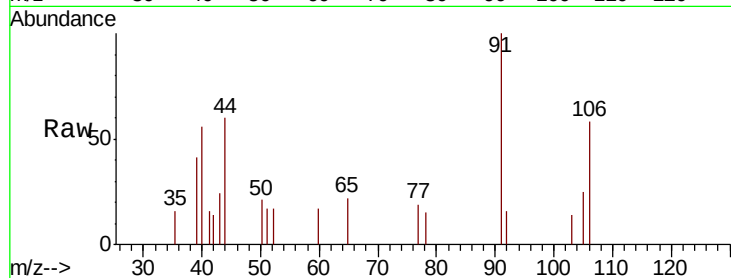




#68
m/p-Xvlenes
Concen: 0.216 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

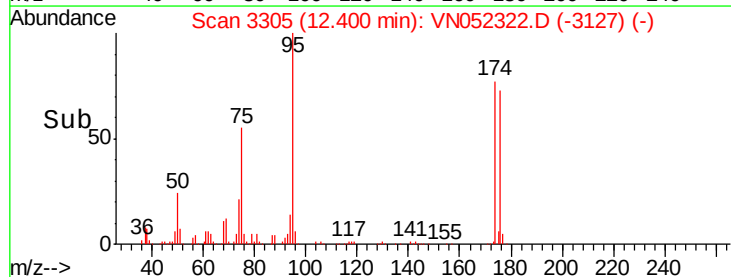
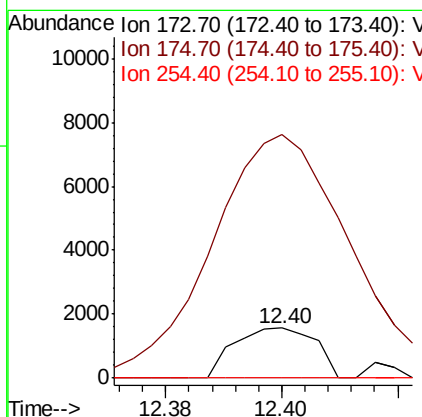
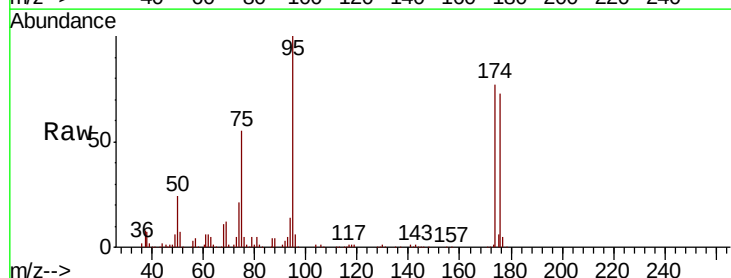
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#04

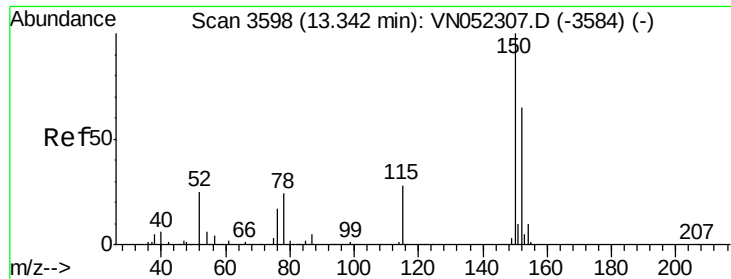
Tot Ion:106 Resp: 1357
Ion Ratio Lower Upper
106 100
91 196.5 165.5 248.3



#71
Bromoform
Concen: 0.762 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion:173 Resp: 1518
Ion Ratio Lower Upper
173 100
175 749.8 25.0 75.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

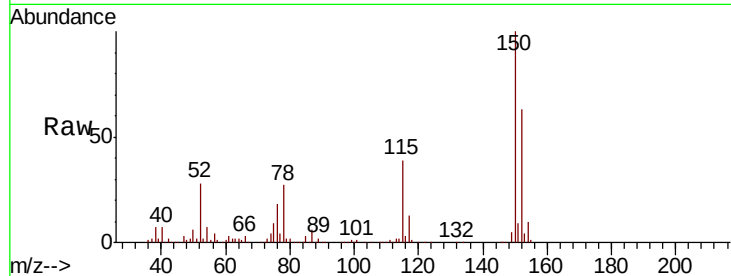
Tot Ion:152 Resp: 158776

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 159.0 0.0 348.2

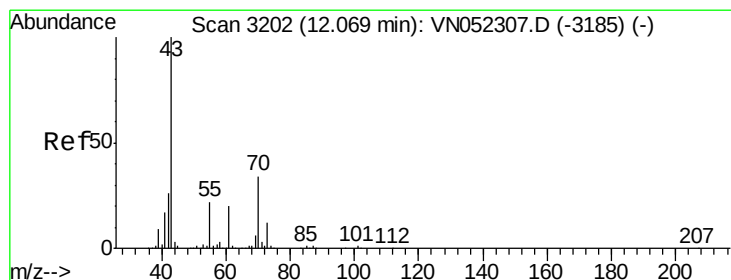
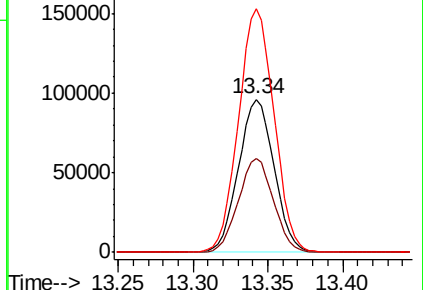
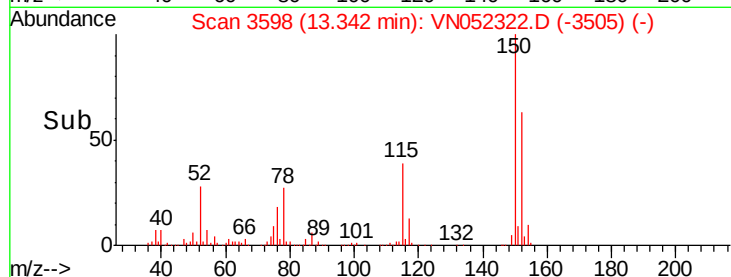


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 4.014 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Tgt Ion: 43 Resp: 18250

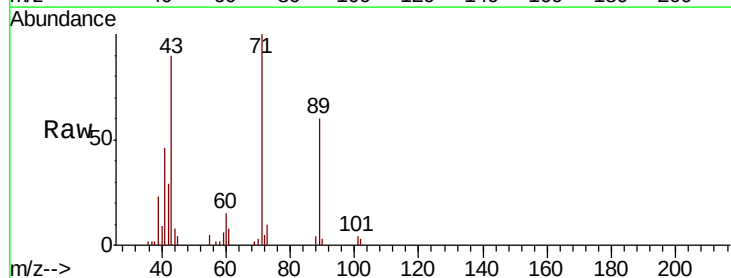
Ion Ratio Lower Upper

43 100

70 1.8 27.1 40.7#

55 4.9 17.4 26.0#

61 7.8 16.1 24.1#



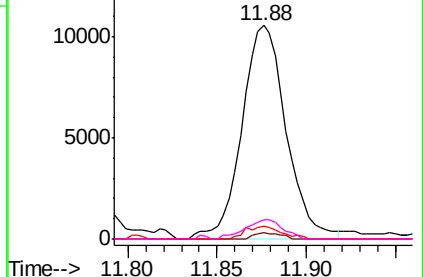
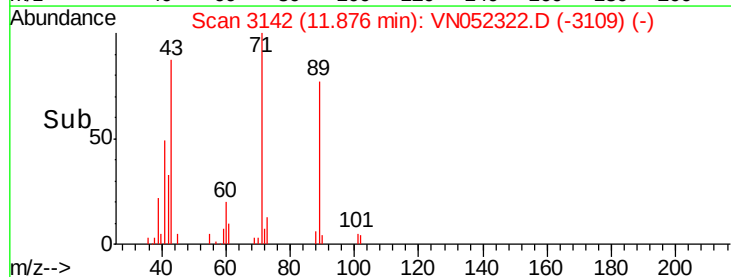
Abundance

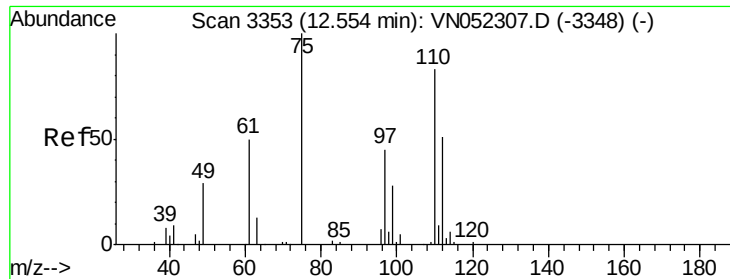
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 40.853 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

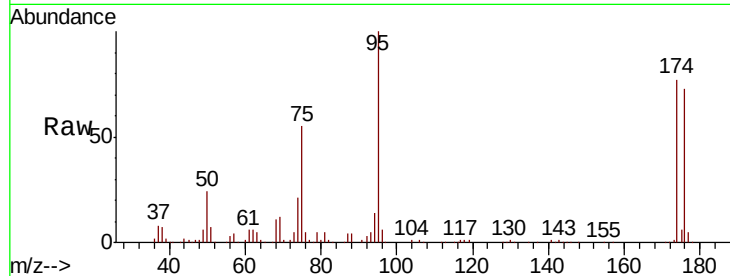
PB114787ZHE#04

Tot Ion: 75 Resp: 110064

Ion Ratio Lower Upper

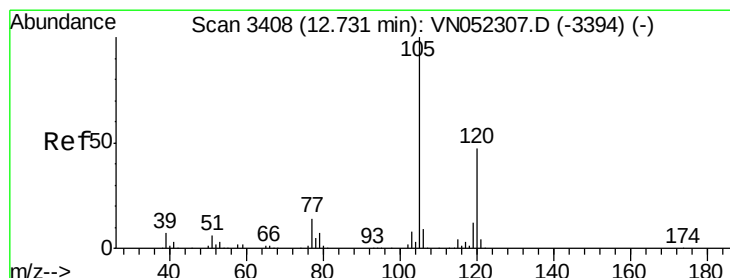
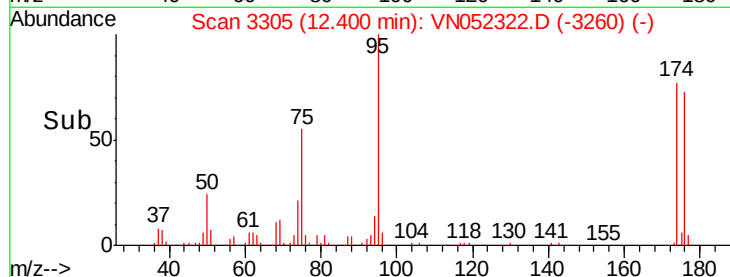
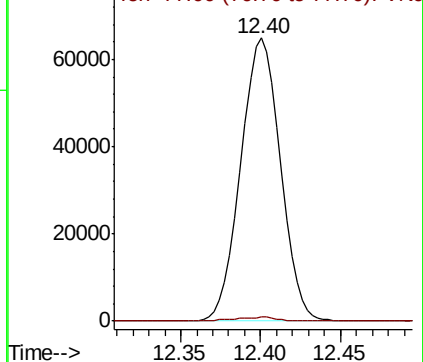
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 1.182 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052322.D

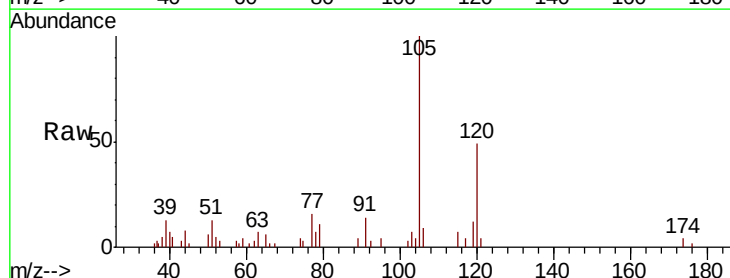
Acq: 14 Nov 2018 19:22

Tgt Ion: 105 Resp: 12002

Ion Ratio Lower Upper

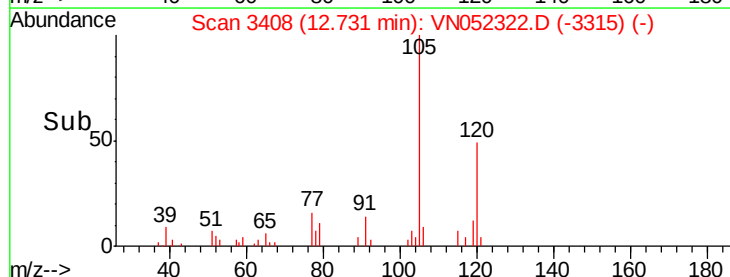
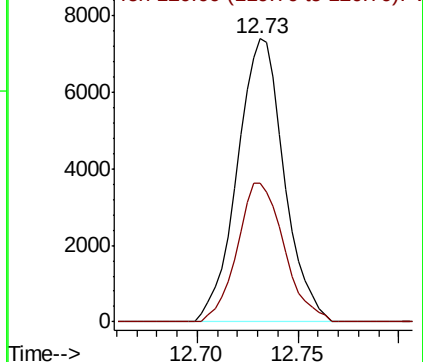
105 100

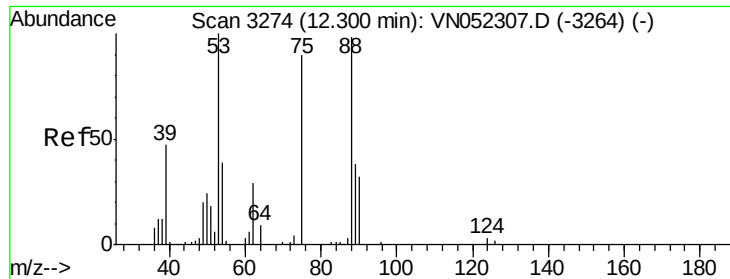
120 49.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.503 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

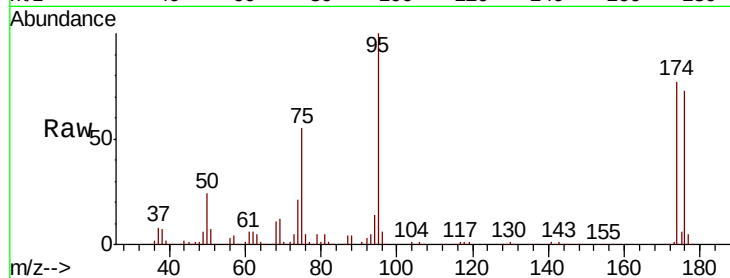
Tot Ion: 75 Resp: 110064

Ion Ratio Lower Upper

75 100

53 0.1 90.2 135.2#

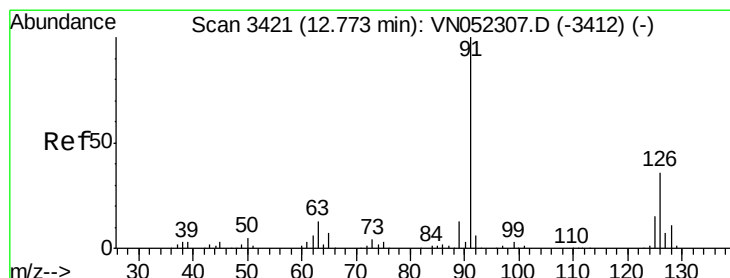
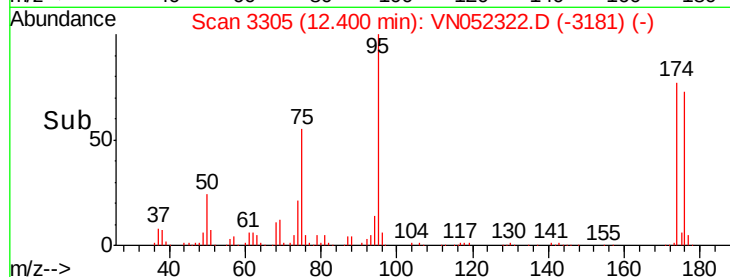
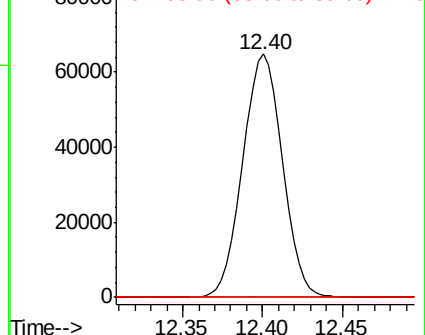
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.221 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052322.D

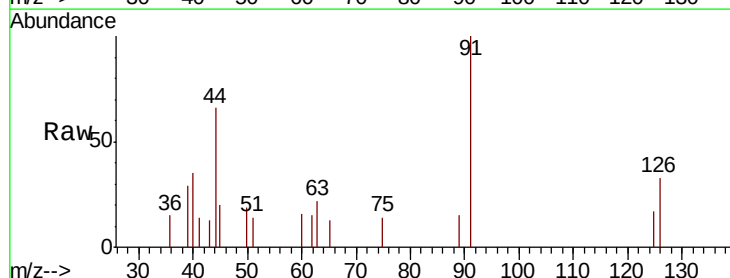
Acq: 14 Nov 2018 19:22

Tgt Ion: 91 Resp: 1974

Ion Ratio Lower Upper

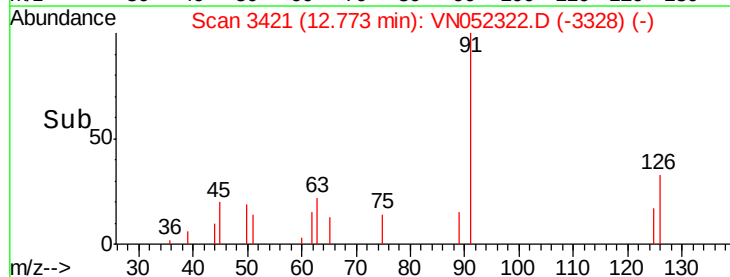
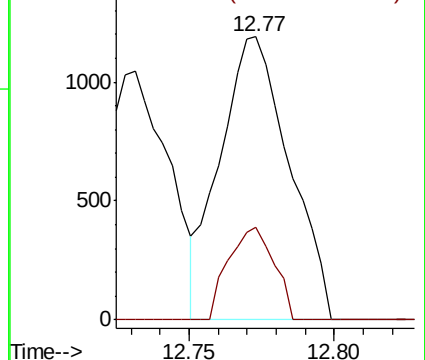
91 100

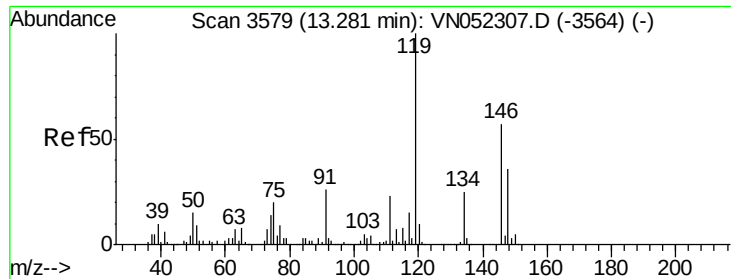
126 21.6 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

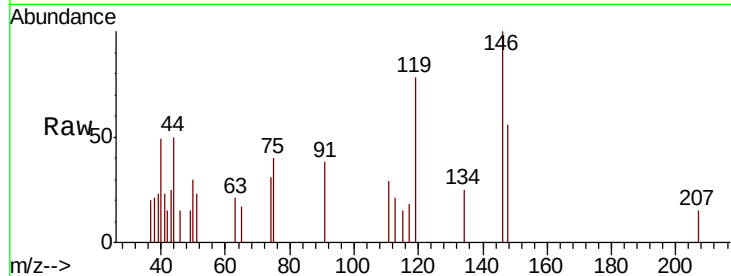




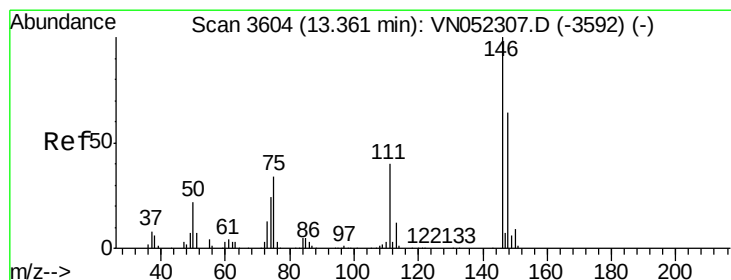
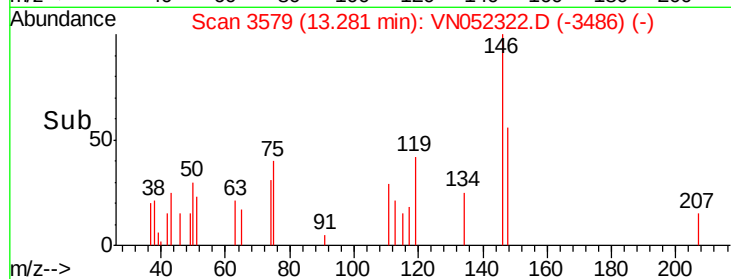
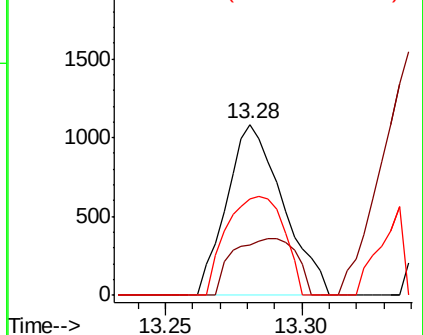
#87
 1,3-Dichlorobenzene
 Concen: 0.295 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

Tot Ion:146 Resp: 1555
 Ion Ratio Lower Upper
 146 100
 111 37.4 20.3 61.0
 148 58.8 31.8 95.4

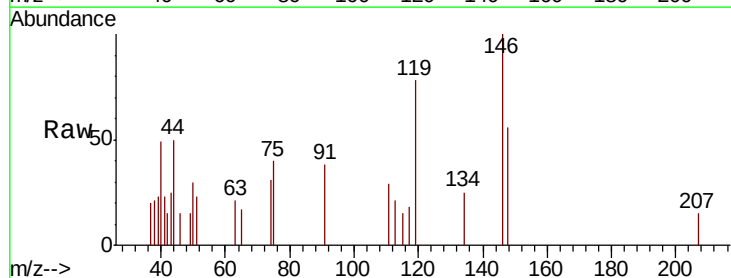


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

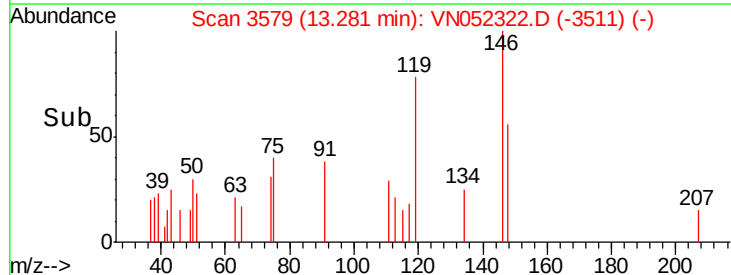
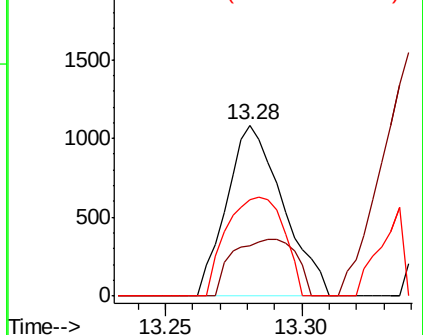


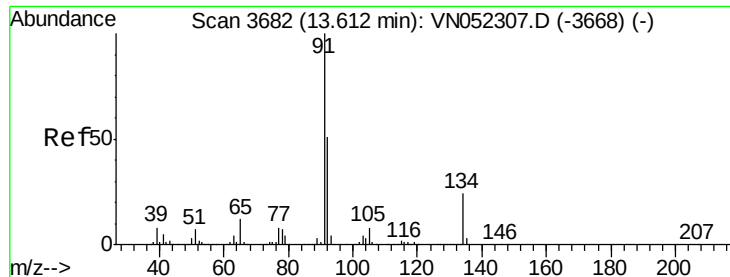
#88
 1,4-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Tgt Ion:146 Resp: 1555
 Ion Ratio Lower Upper
 146 100
 111 37.4 20.6 61.8
 148 58.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.297 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

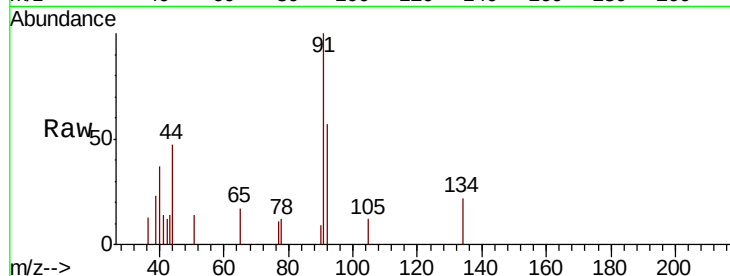
Tot Ion: 91 Resp: 2638

Ion Ratio Lower Upper

91 100

92 60.1 25.4 76.2

134 18.0 12.2 36.4

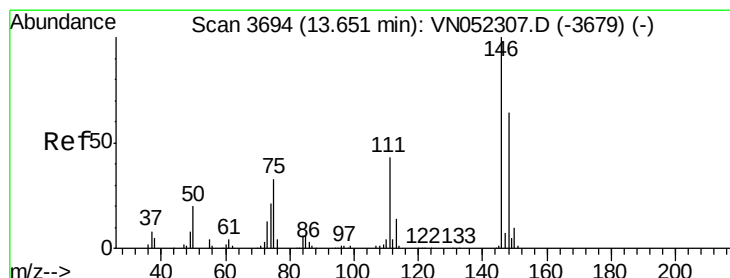
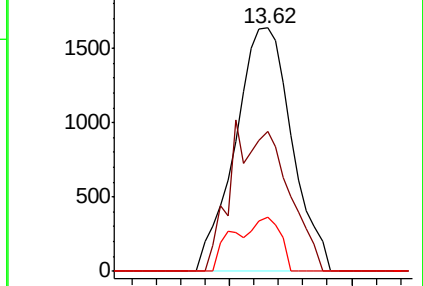
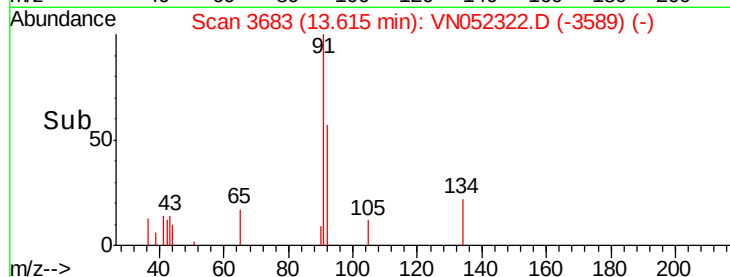


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.272 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

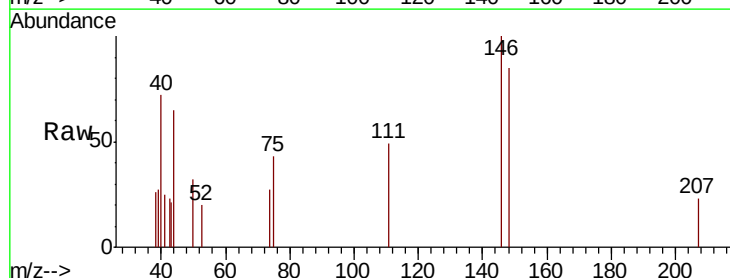
Tgt Ion: 146 Resp: 1390

Ion Ratio Lower Upper

146 100

111 39.5 21.3 63.9

148 66.5 31.6 94.8

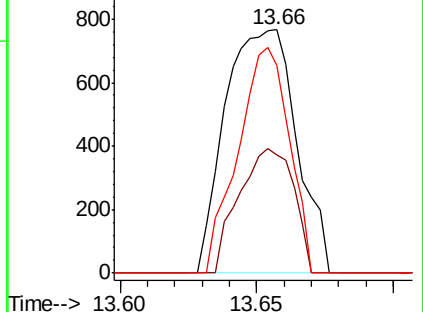
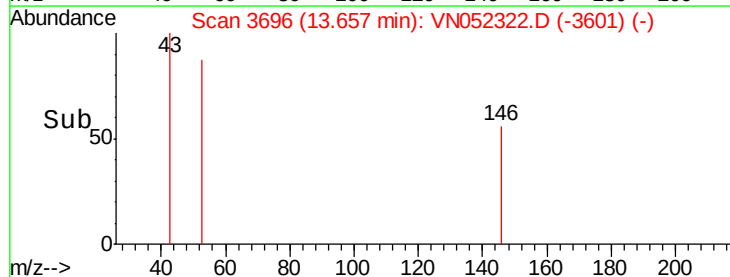


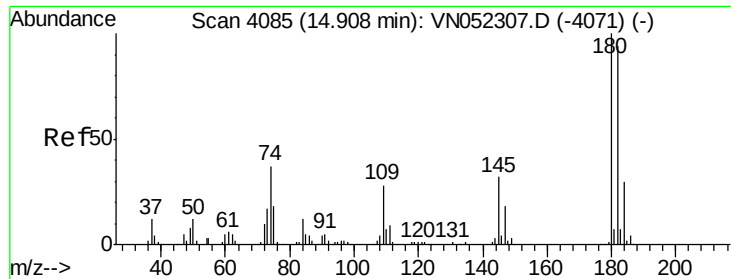
Abundance Ion 145.90 (145.60 to 146.60): VN052307.D (-3679) (-)

Ion 110.90 (110.60 to 111.60): VN052307.D (-3679) (-)

Ion 147.90 (147.60 to 148.60): VN052307.D (-3679) (-)

Time-->

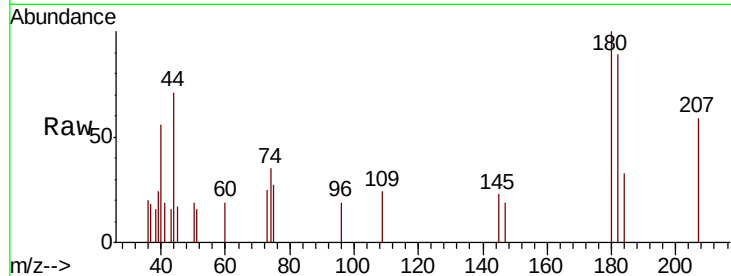




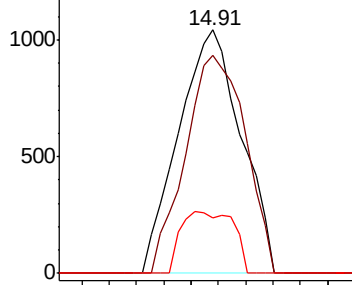
#93
 1,2,4-Trichlorobenzene
 Concen: 2.924 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

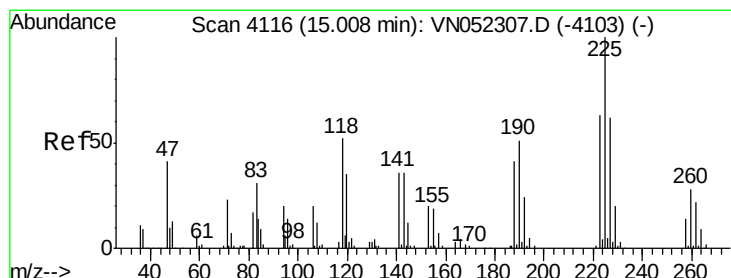
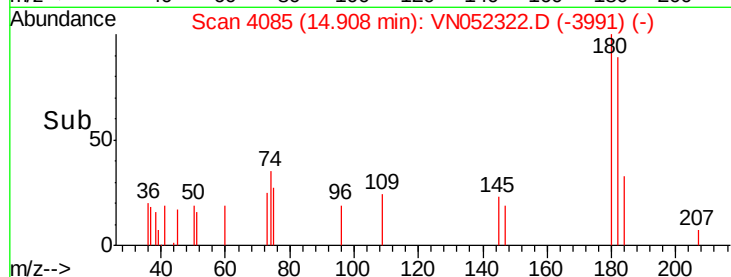
Tot Ion:180 Resp: 1662
 Ion Ratio Lower Upper
 180 100
 182 85.9 47.6 142.9
 145 21.2 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

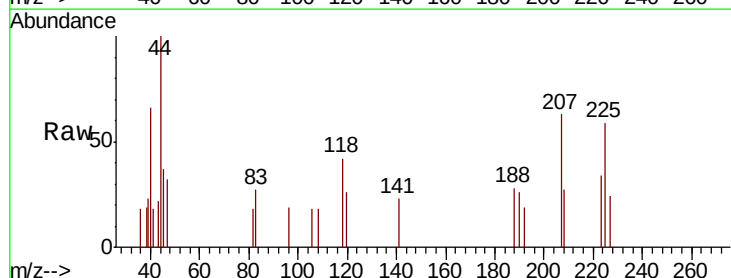


Time-->

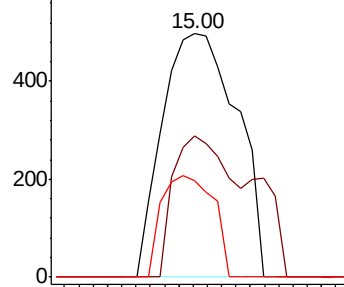


#94
 Hexachlorobutadiene
 Concen: 0.616 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN052322.D
 Acq: 14 Nov 2018 19:22

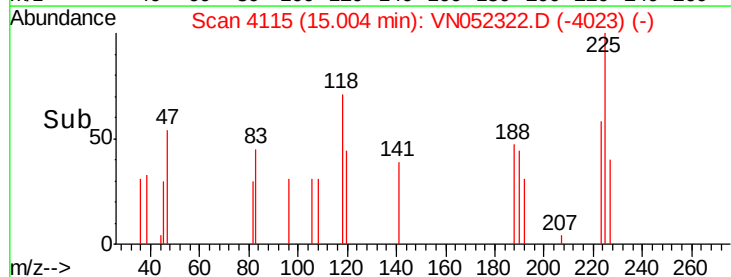
Tgt Ion:225 Resp: 720
 Ion Ratio Lower Upper
 225 100
 223 44.7 31.9 95.5
 227 29.0 31.6 95.0#

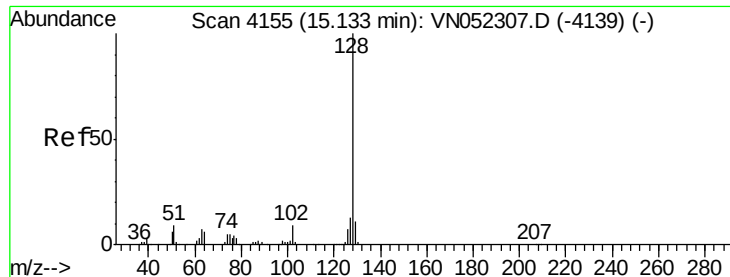


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 3.139 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

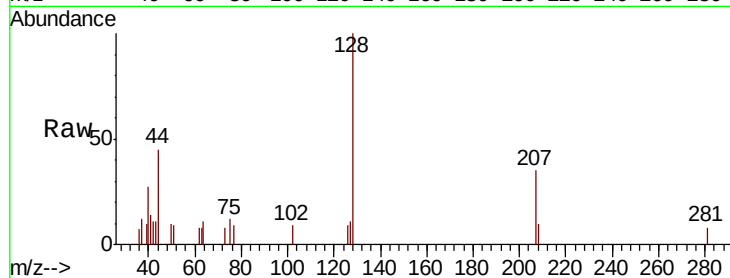
Tot Ion:128 Resp: 3168

Ion Ratio Lower Upper

128 100

127 8.5 10.4 15.6#

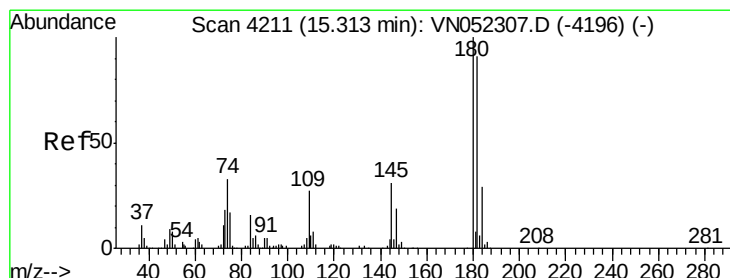
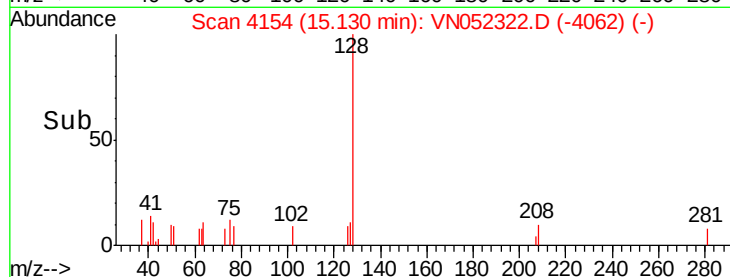
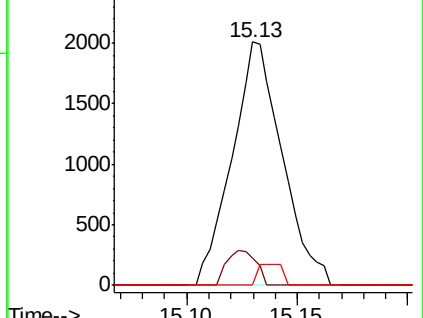
129 4.2 8.6 13.0#



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: 0.763 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

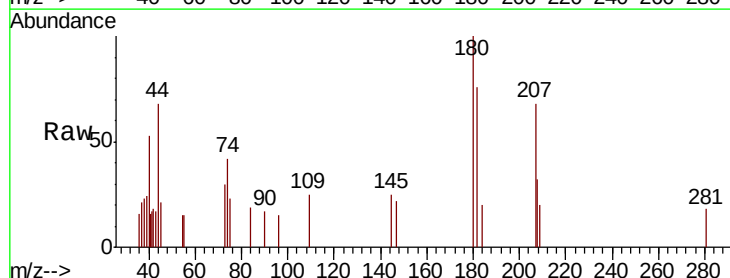
Tgt Ion:180 Resp: 1481

Ion Ratio Lower Upper

180 100

182 104.2 46.5 139.3

145 24.0 16.4 49.2



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

