

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050922.D
 Acq On : 28 Aug 2018 19:03
 Operator : MD\SY
 Sample : VN0828WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

Quant Time: Aug 29 03:54:15 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	371320	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.59	113	345705	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.09	98	1301025	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	414487	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155938	19.95	ug/l	99
3) Chloromethane	2.06	50	178140	18.48	ug/l	99
4) Vinyl Chloride	2.18	62	179173	19.62	ug/l	99
5) Bromomethane	2.56	94	98942	18.39	ug/l	99
6) Chloroethane	2.70	64	102697	19.47	ug/l	98
7) Trichlorofluoromethane	3.01	101	233304	19.95	ug/l	98
8) Diethyl Ether	3.41	74	82512	20.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142415	19.50	ug/l	99
10) Methyl Iodide	3.95	142	115510	22.07	ug/l	100
11) Tert butyl alcohol	4.80	59	56089	125.29	ug/l	98
12) 1,1-Dichloroethene	3.73	96	131865	20.10	ug/l	99
13) Acrolein	3.61	56	21436	94.04	ug/l	99
14) Allyl chloride	4.33	41	200967	19.66	ug/l	99
15) Acrylonitrile	5.00	53	260691	114.58	ug/l	99
16) Acetone	3.82	43	178884	103.31	ug/l	100
17) Carbon Disulfide	4.05	76	389062	17.69	ug/l	99
18) Methyl Acetate	4.33	43	162660	24.50	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	367920	22.30	ug/l	100
20) Methylene Chloride	4.55	84	153525	19.38	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	138952	19.59	ug/l	97
22) Diisopropyl ether	5.96	45	440697	21.64	ug/l	99
23) Vinyl Acetate	5.90	43	1381492	105.32	ug/l	100
24) 1,1-Dichloroethane	5.85	63	263388	20.14	ug/l	99
25) 2-Butanone	6.84	43	283200	99.96	ug/l	99
26) 2,2-Dichloropropane	6.83	77	184143	17.53	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155353	20.31	ug/l	98
28) Bromochloromethane	7.20	49	108099	19.45	ug/l	97
29) Tetrahydrofuran	7.22	42	192962	118.79	ug/l	98
30) Chloroform	7.37	83	265848	20.53	ug/l	99
31) Cyclohexane	7.66	56	223820	19.12	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	224002	20.14	ug/l	99
36) 1,1-Dichloropropene	7.80	75	197752	19.43	ug/l	99
37) Ethyl Acetate	6.94	43	126473	21.63	ug/l	99
38) Carbon Tetrachloride	7.78	117	199653	19.41	ug/l	98

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 Sample : VN0828WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

Quant Time: Aug 29 03:54:15 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	200961	18.25	ug/l	99
40) Benzene	8.04	78	606816	19.77	ug/l	99
41) Methacrylonitrile	7.17	41	59476	18.80	ug/l	90
42) 1,2-Dichloroethane	8.13	62	184406	20.10	ug/l	99
43) Isopropyl Acetate	8.17	43	227738	22.66	ug/l	99
44) Trichloroethene	8.84	130	158218	19.55	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162018	20.09	ug/l	100
46) Dibromomethane	9.21	93	96281	20.32	ug/l	99
47) Bromodichloromethane	9.41	83	199189	20.07	ug/l	97
48) Methyl methacrylate	9.20	41	111963	21.86	ug/l	99
49) 1,4-Dioxane	9.20	88	32745	468.91	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	660569	110.13	ug/l	99
52) Toluene	10.16	92	370378	20.37	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	191041	19.34	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	221642	19.59	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	140176	20.77	ug/l	98
56) Ethyl methacrylate	10.43	69	163262	20.08	ug/l	100
57) 1,3-Dichloropropane	10.71	76	230645	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	338725	96.34	ug/l	99
59) 2-Hexanone	10.75	43	417102	104.45	ug/l	99
60) Dibromochloromethane	10.90	129	151282	20.02	ug/l	97
61) 1,2-Dibromoethane	11.01	107	135359	20.75	ug/l	99
64) Tetrachloroethene	10.63	164	145106	19.84	ug/l	98
65) Chlorobenzene	11.44	112	392928	19.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	150720	20.47	ug/l	99
67) Ethyl Benzene	11.51	91	658163	20.11	ug/l	100
68) m/p-Xylenes	11.62	106	509422	41.02	ug/l	99
69) o-Xylene	11.95	106	246665	20.66	ug/l	99
70) Styrene	11.97	104	384700	19.09	ug/l	99
71) Bromoform	12.13	173	107797	21.29	ug/l #	100
73) Isopropylbenzene	12.25	105	651390	21.70	ug/l	99
74) N-amyl acetate	12.07	43	167506	22.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	180284	24.36	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	202185	31.85	ug/l #	100
77) Bromobenzene	12.53	156	168826	20.70	ug/l	99
78) n-propylbenzene	12.59	91	717094	21.39	ug/l	100
79) 2-Chlorotoluene	12.67	91	440979	21.12	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	532281	21.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38617	20.56	ug/l	95
82) 4-Chlorotoluene	12.77	91	433047	21.00	ug/l	100
83) tert-Butylbenzene	12.99	119	461995	22.03	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	528655	21.70	ug/l	100
85) sec-Butylbenzene	13.17	105	597183	21.73	ug/l	100
86) p-Isopropyltoluene	13.29	119	508413	21.71	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276667	19.99	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268638	19.72	ug/l	99
89) n-Butylbenzene	13.62	91	367360	19.62	ug/l	100
90) Hexachloroethane	13.88	117	96438	21.71	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	274075	20.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24093	22.35	ug/l	98

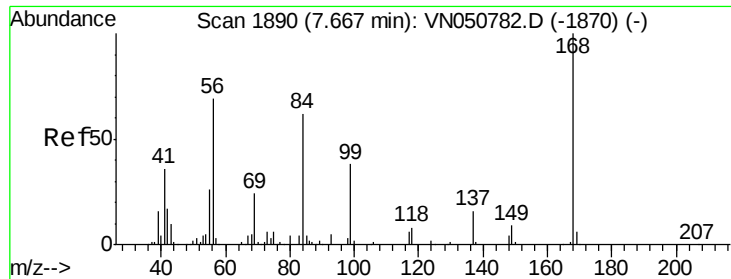
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050922.D
 Acq On : 28 Aug 2018 19:03
 Operator : MD\SY
 Sample : VN0828WBSD02
 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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 ClientSampleId :
 VN0828WBSD02

Quant Time: Aug 29 03:54:15 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106976	18.22	ug/l	99
94) Hexachlorobutadiene	15.01	225	84028	20.57	ug/l	99
95) Naphthalene	15.14	128	212941	18.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	112337	19.41	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

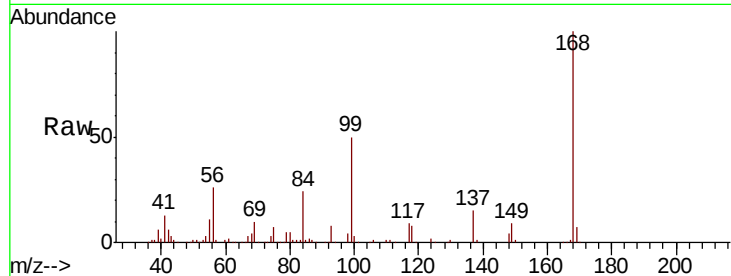
VN0828WBSD02

Tot Ion:168 Resp: 583983

Ion Ratio Lower Upper

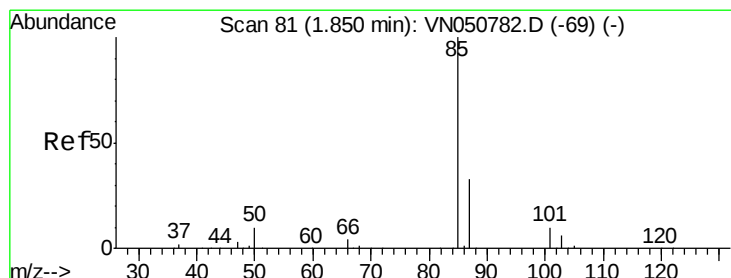
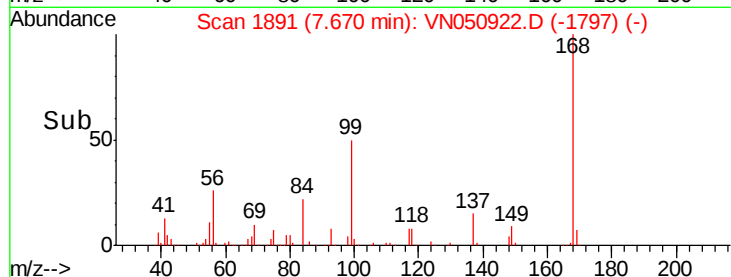
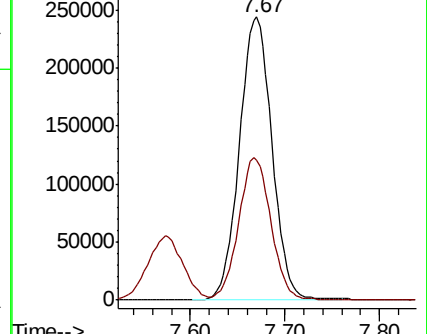
168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.95 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050922.D

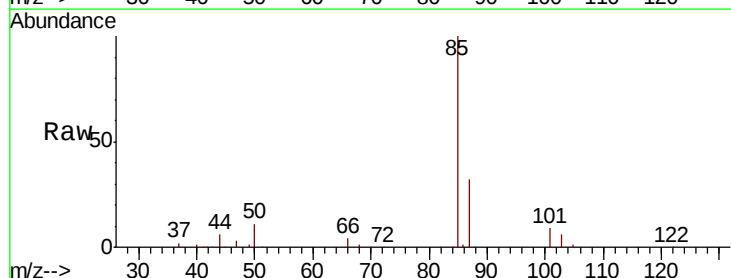
Acq: 28 Aug 2018 19:03

Tgt Ion: 85 Resp: 155938

Ion Ratio Lower Upper

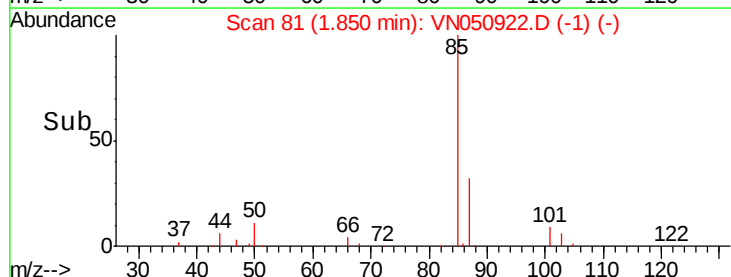
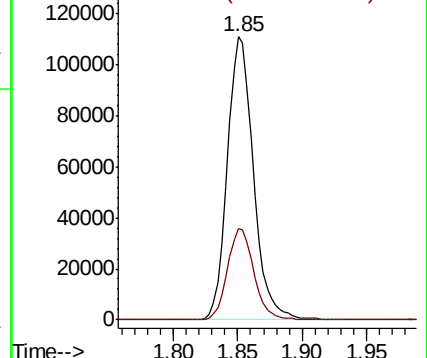
85 100

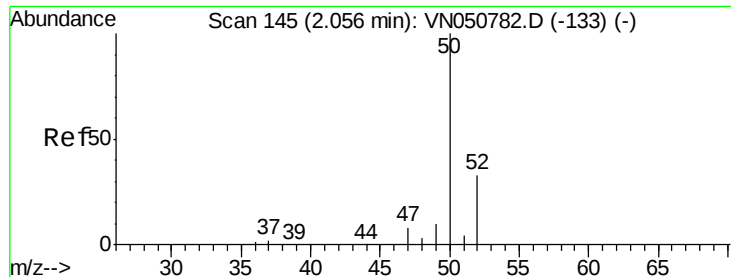
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.48 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

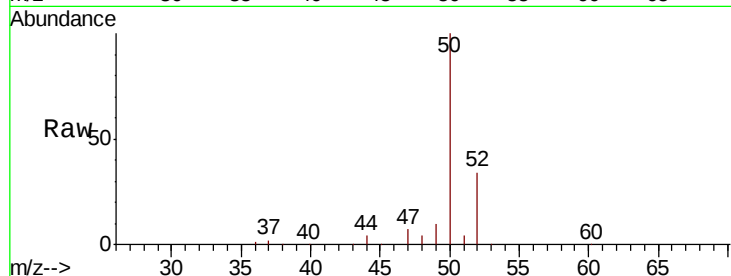
VN0828WBSD02

Tot Ion: 50 Resp: 178140

Ion Ratio Lower Upper

50 100

52 33.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

150000

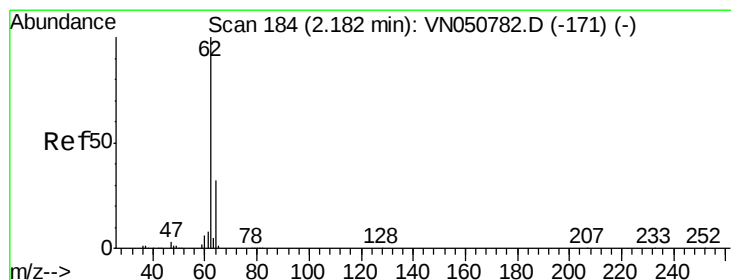
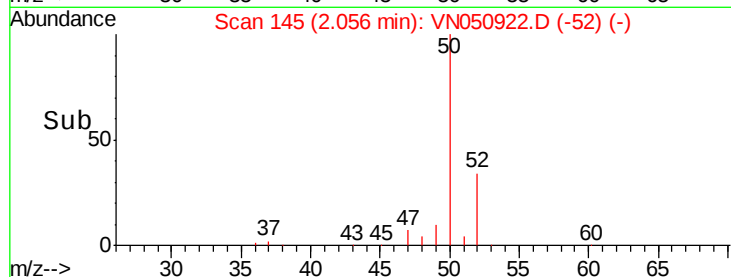
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 19.62 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050922.D

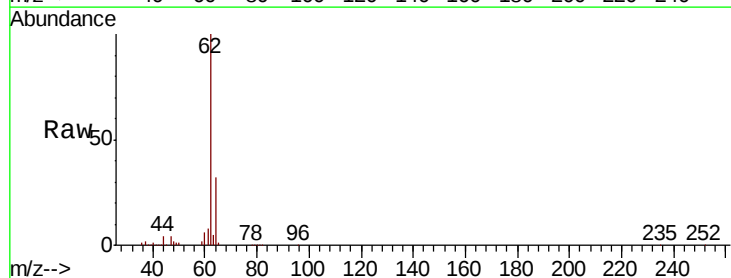
Acq: 28 Aug 2018 19:03

Tgt Ion: 62 Resp: 179173

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

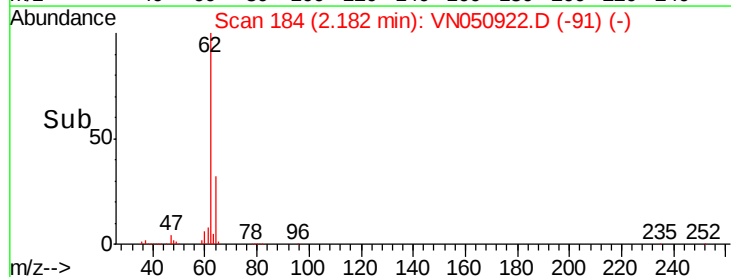
100000

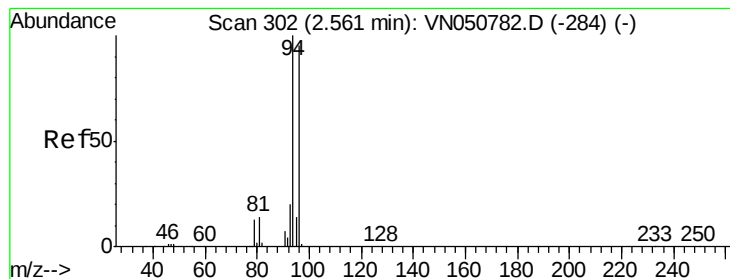
50000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 18.39 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

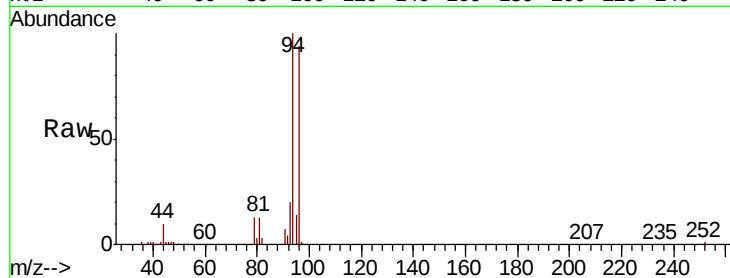
VN0828WBSD02

Tot Ion: 94 Resp: 98942

Ion Ratio Lower Upper

94 100

96 94.4 76.2 114.2

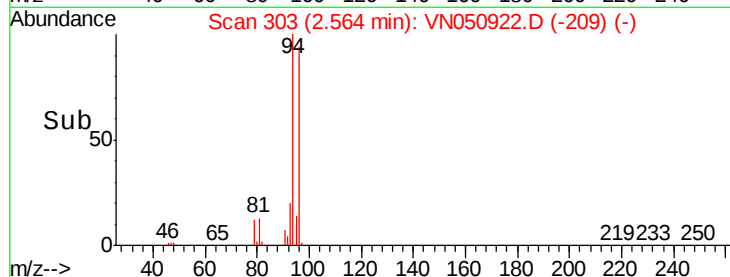


Abundance Ion 93.90 (93.60 to 94.60): VN050922.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050922.D (-284) (-)

2.56

Time-->



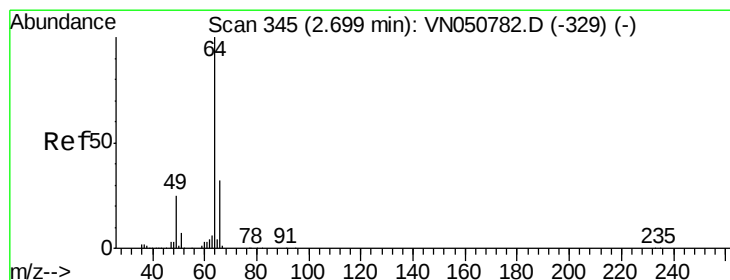
Abundance

Ion 93.90 (93.60 to 94.60): VN050922.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050922.D (-209) (-)

2.56

Time-->



#6

Chloroethane

Concen: 19.47 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN050922.D

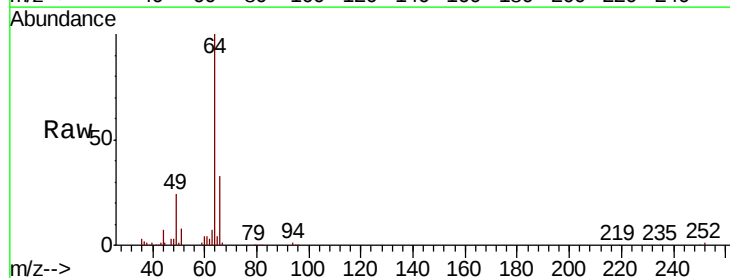
Acq: 28 Aug 2018 19:03

Tgt Ion: 64 Resp: 102697

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9

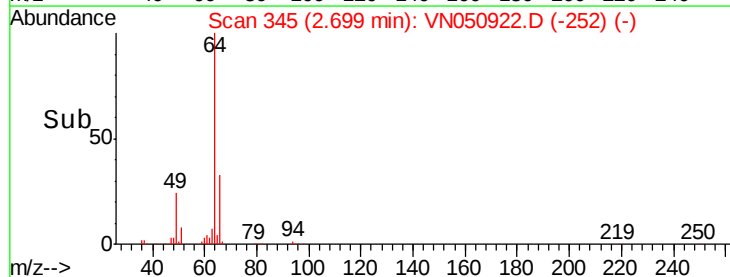


Abundance Ion 63.90 (63.60 to 64.60): VN050922.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN050922.D (-329) (-)

2.70

Time-->



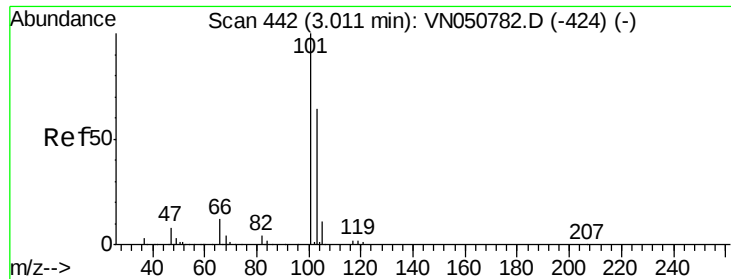
Abundance

Ion 63.90 (63.60 to 64.60): VN050922.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN050922.D (-252) (-)

2.70

Time-->

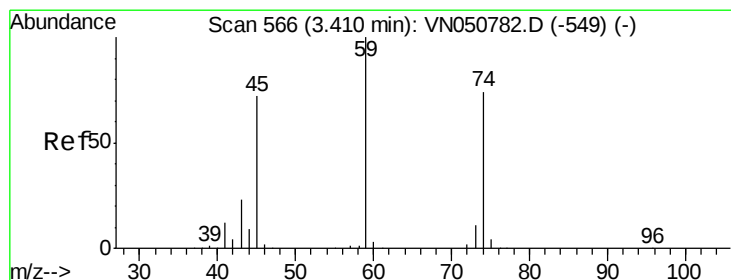
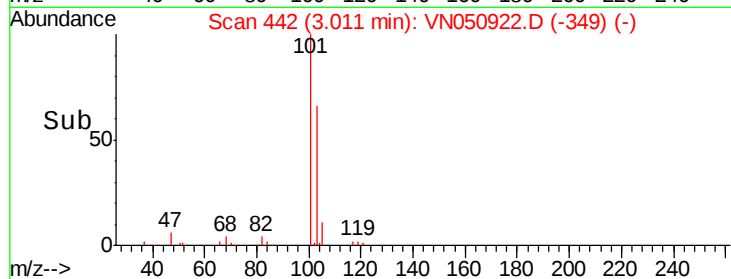
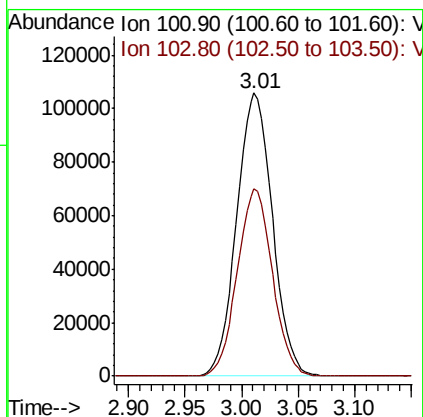
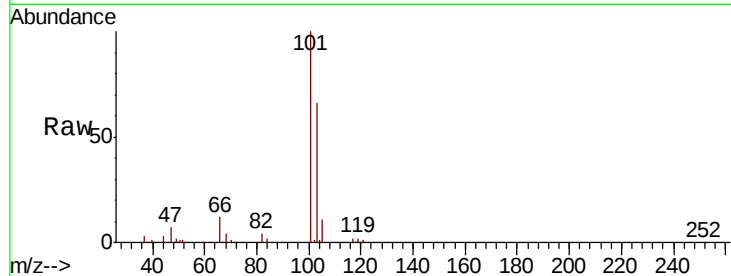


#7

Trichlorofluoromethane
 Concen: 19.95 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

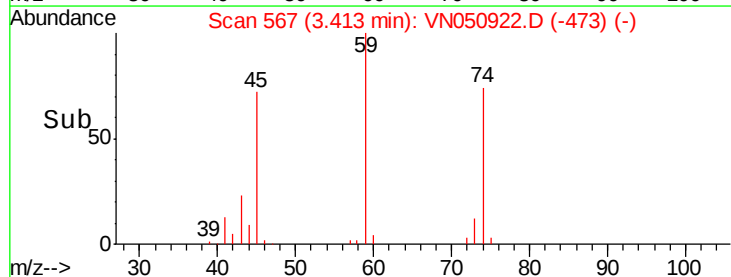
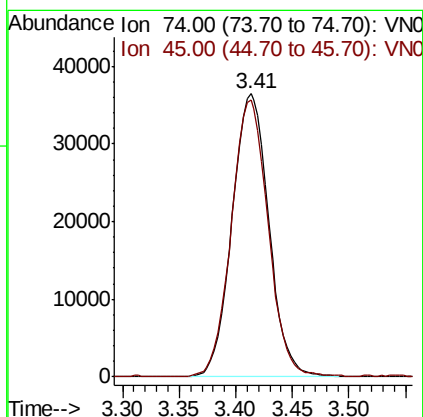
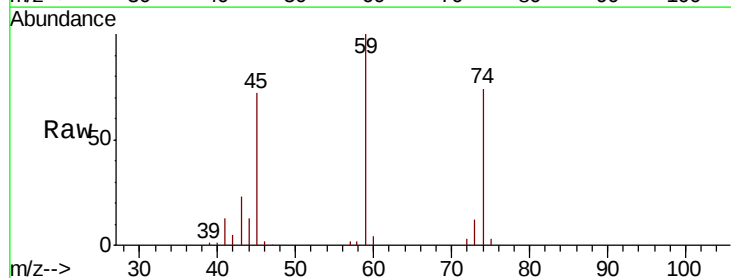
Tot Ion:101 Resp: 233304
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.6 77.4



#8

Diethyl Ether
 Concen: 20.75 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 74 Resp: 82512
 Ion Ratio Lower Upper
 74 100
 45 98.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.50 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

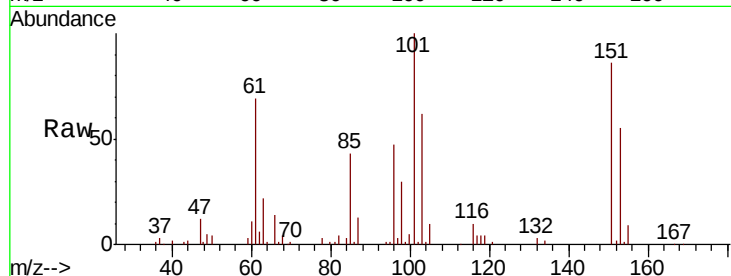
Tot Ion:101 Resp: 142415

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

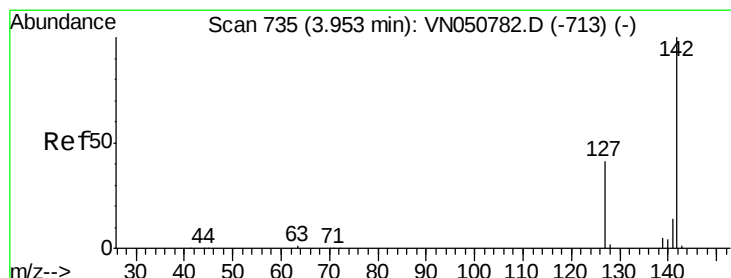
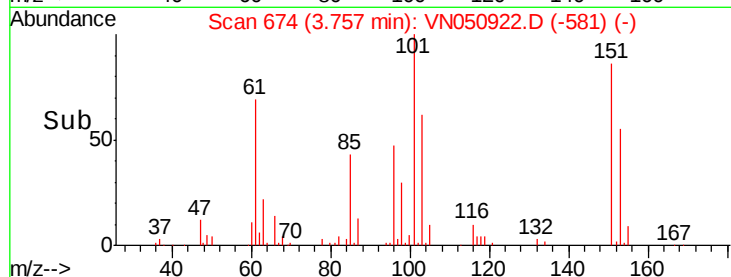
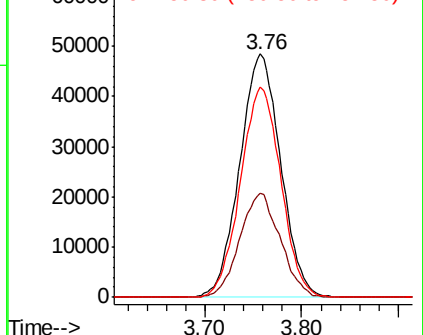
151 85.3 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.07 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

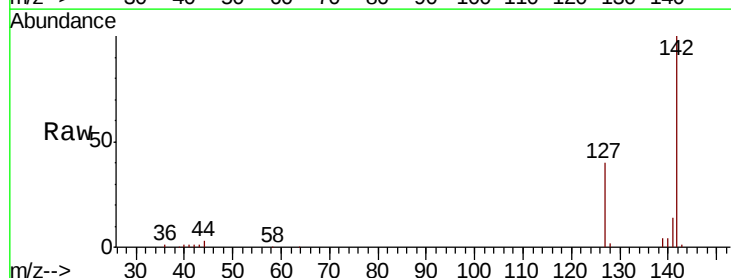
Tgt Ion:142 Resp: 115510

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

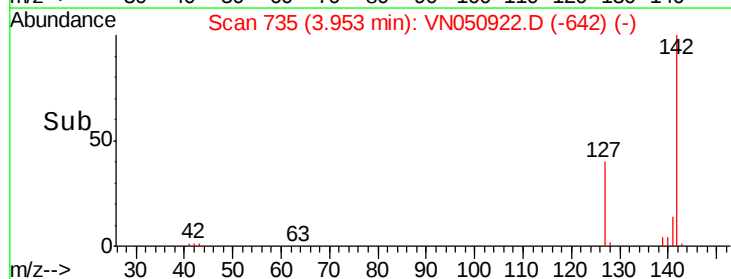
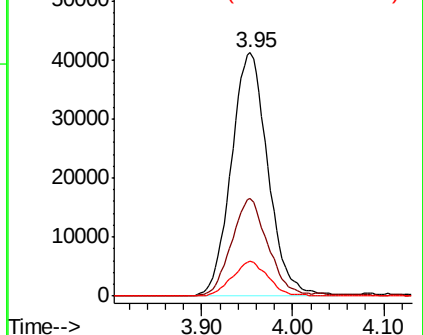
141 13.9 11.4 17.0

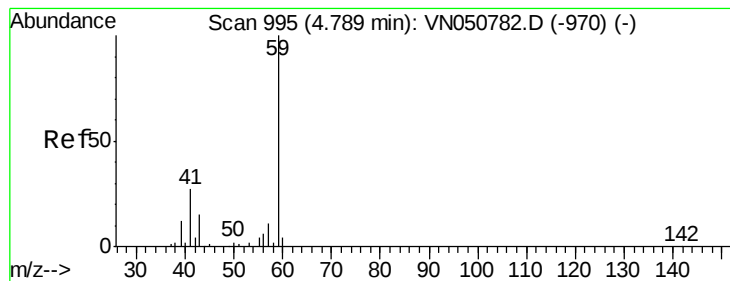


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



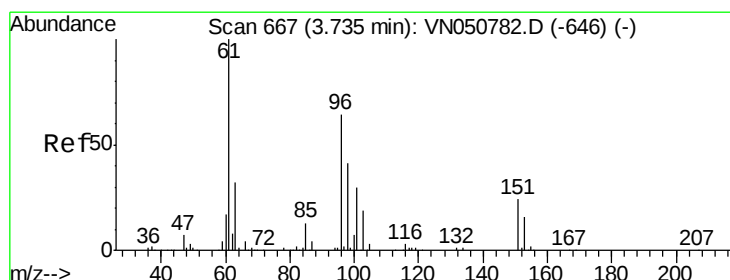
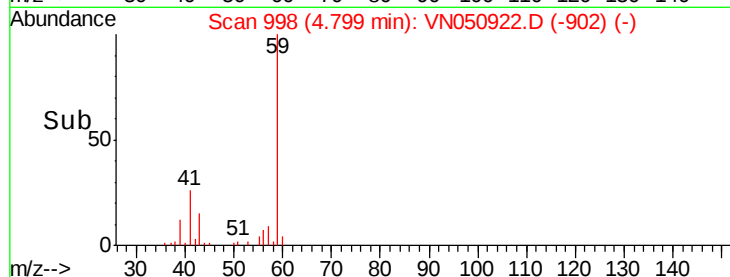
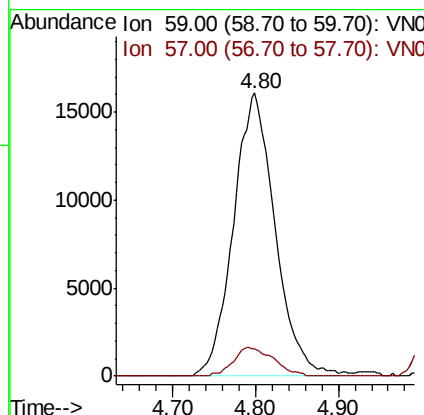
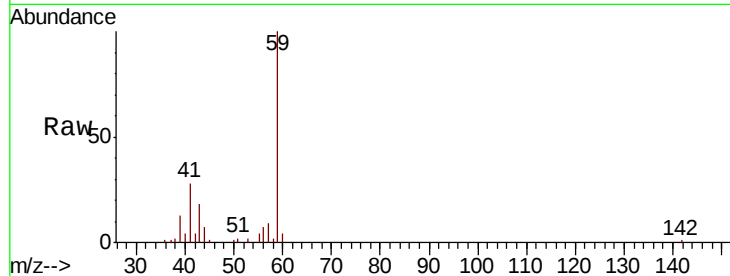


#11

Tert butyl alcohol
 Concen: 125.29 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

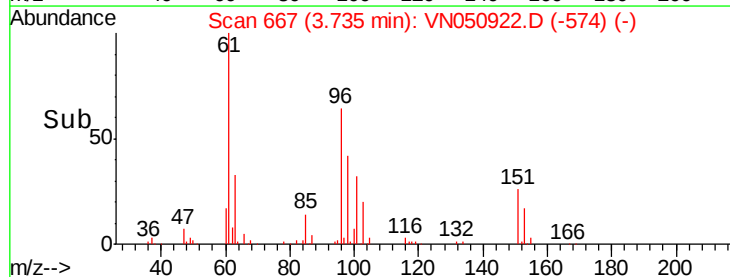
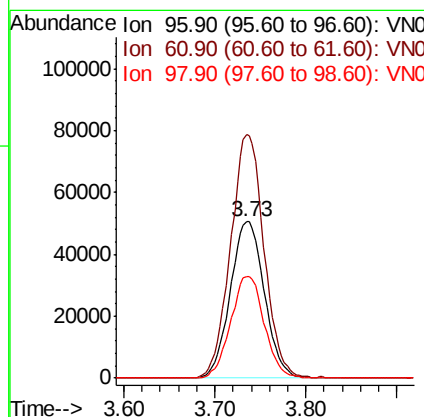
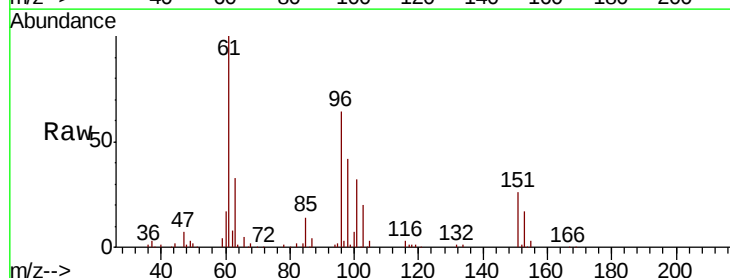
Tot Ion: 59 Resp: 56089
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 20.10 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 96 Resp: 131865
 Ion Ratio Lower Upper
 96 100
 61 155.8 124.9 187.3
 98 65.0 51.1 76.7





#13

Acrolein

Concen: 94.04 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

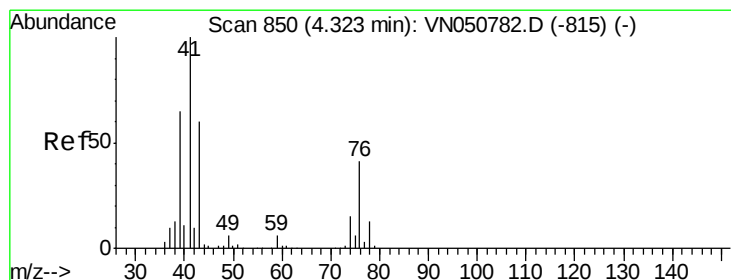
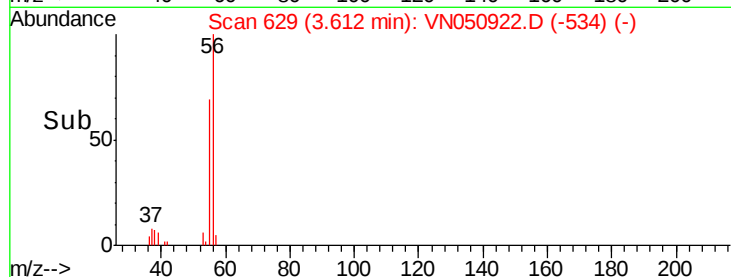
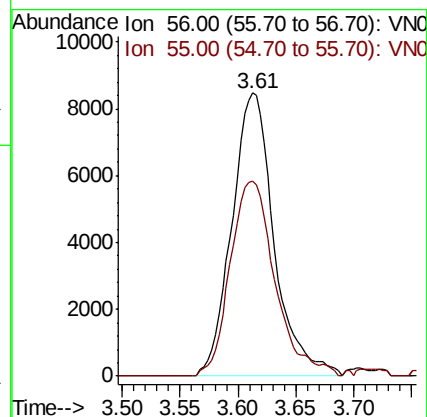
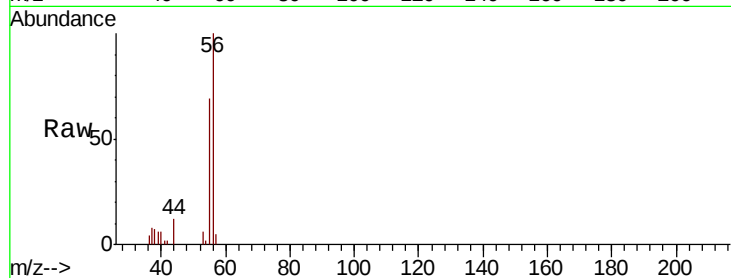
VN0828WBSD02

Tot Ion: 56 Resp: 21436

Ion Ratio Lower Upper

56 100

55 73.0 57.7 86.5



#14

Allyl chloride

Concen: 19.66 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

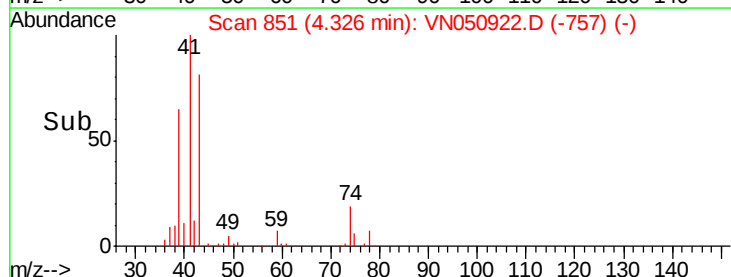
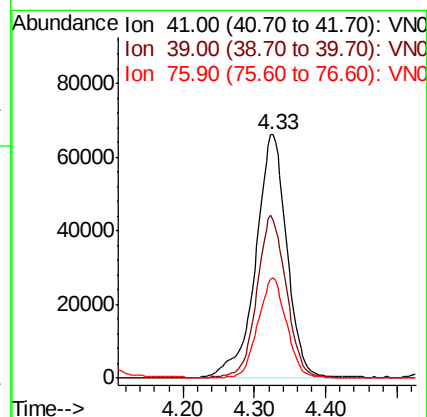
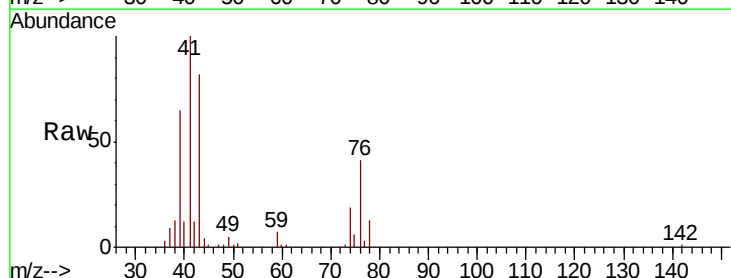
Tgt Ion: 41 Resp: 200967

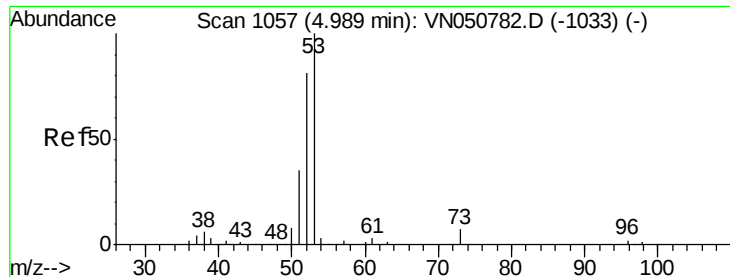
Ion Ratio Lower Upper

41 100

39 63.1 50.2 75.2

76 37.6 29.8 44.8

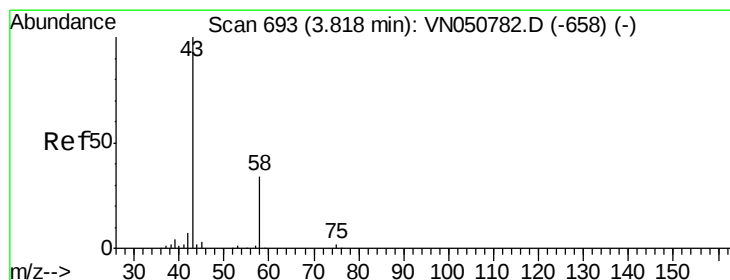
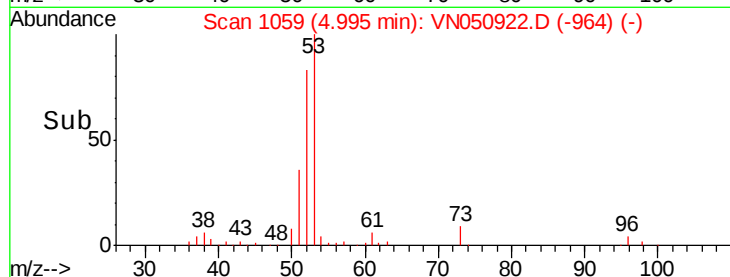
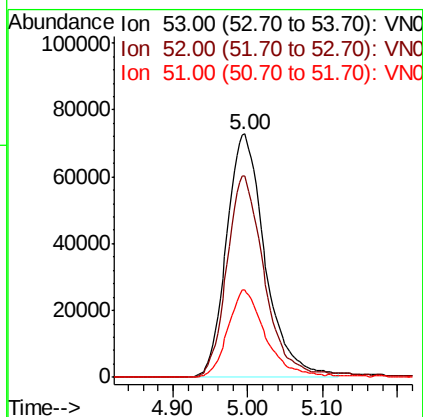
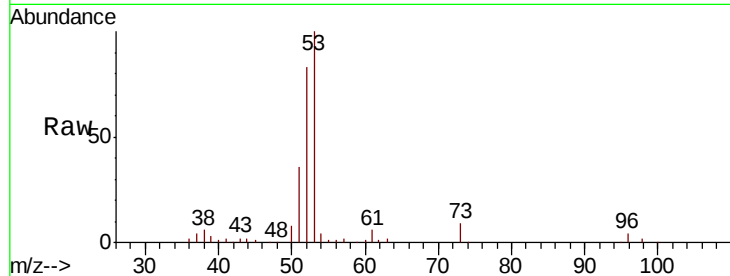




#15
 Acrylonitrile
 Concen: 114.58 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

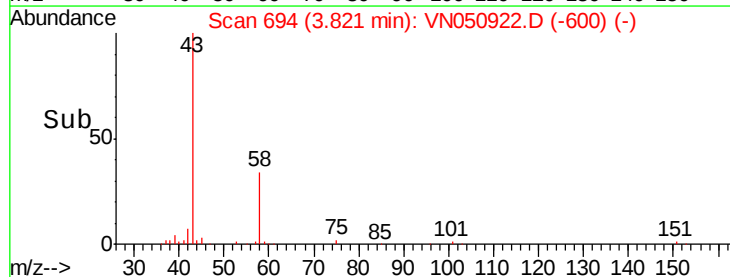
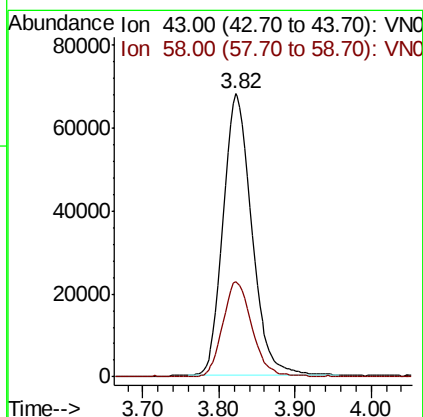
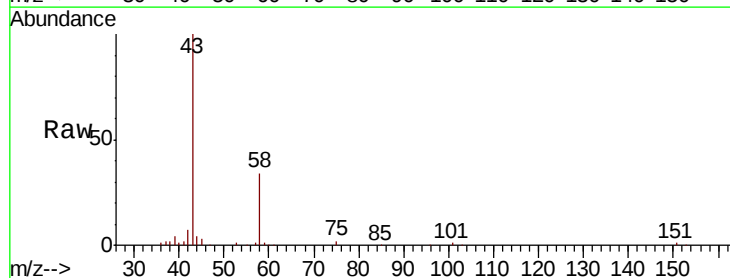
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

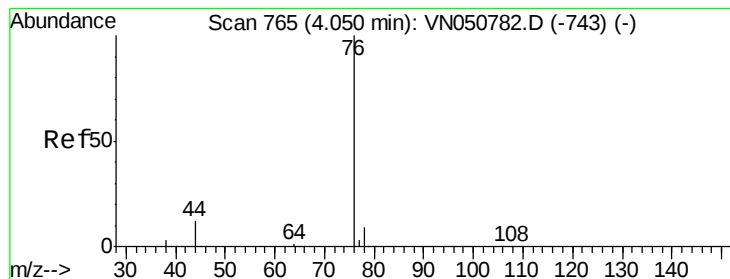
Tot Ion: 53 Resp: 260691
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.9 98.9
 51 34.9 28.6 43.0



#16
 Acetone
 Concen: 103.31 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 43 Resp: 178884
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.2 40.8





#17

Carbon Disulfide

Concen: 17.69 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

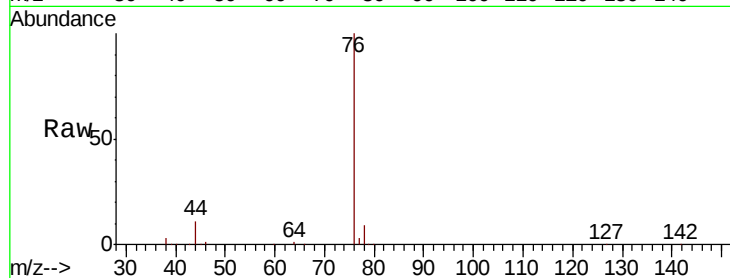
VN0828WBSD02

Tot Ion: 76 Resp: 389062

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

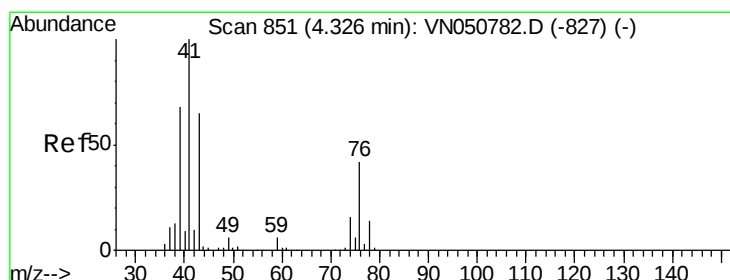
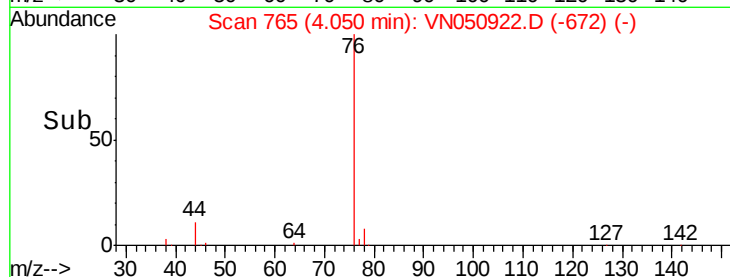
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 24.50 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050922.D

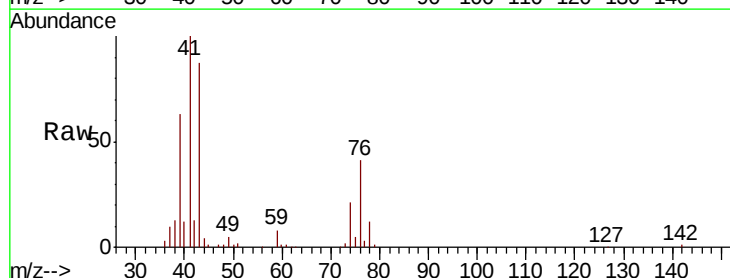
Acq: 28 Aug 2018 19:03

Tgt Ion: 43 Resp: 162660

Ion Ratio Lower Upper

43 100

74 24.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

60000

50000

40000

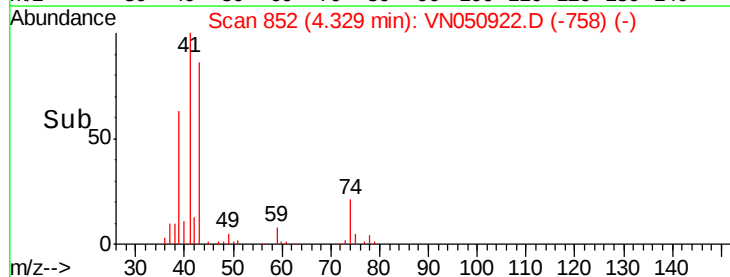
30000

20000

10000

0

Time-->

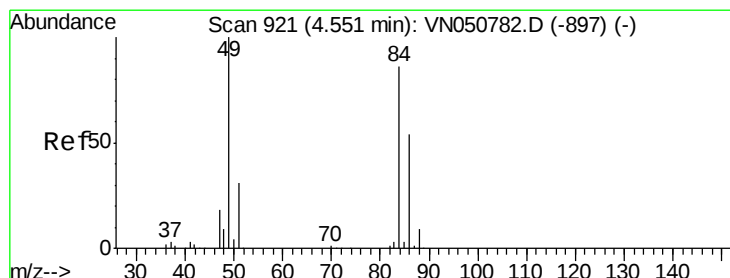
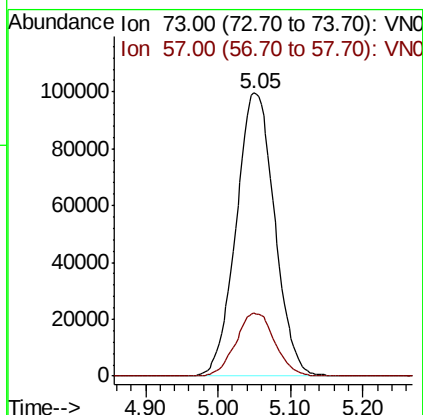
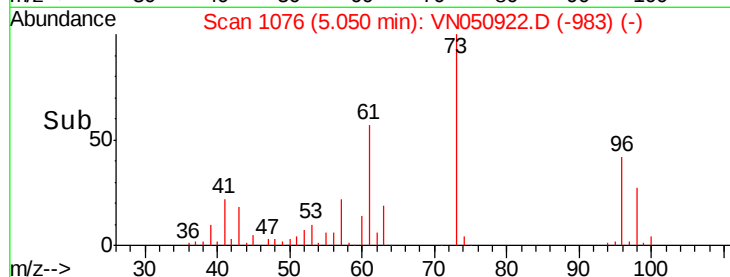
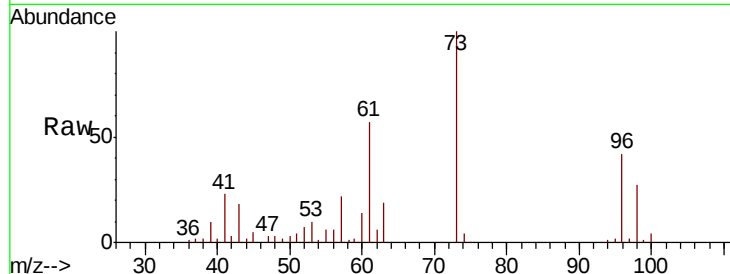




#19
Methyl tert-butyl Ether
Concen: 22.30 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

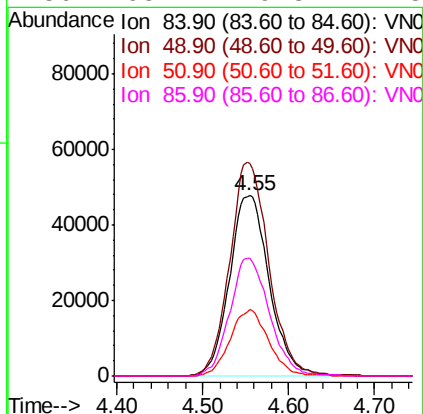
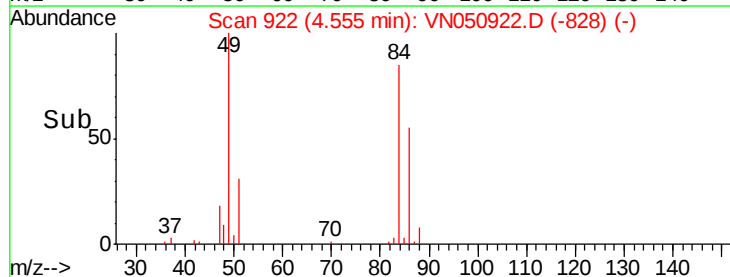
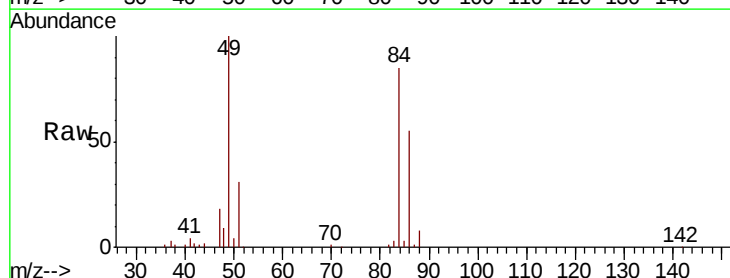
Instrument :
MSVOA_N
ClientSampled :
VN0828WBSD02

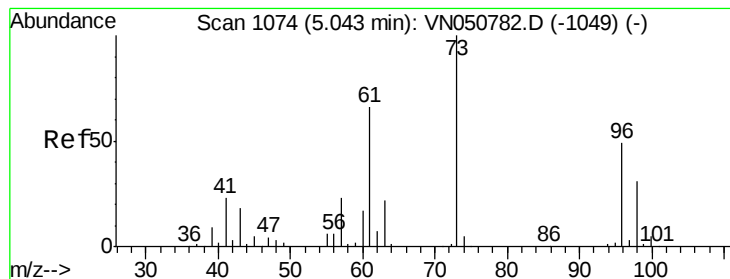
Tot Ion: 73 Resp: 367920
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 19.38 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 84 Resp: 153525
Ion Ratio Lower Upper
84 100
49 117.8 93.2 139.8
51 36.9 29.0 43.6
86 65.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

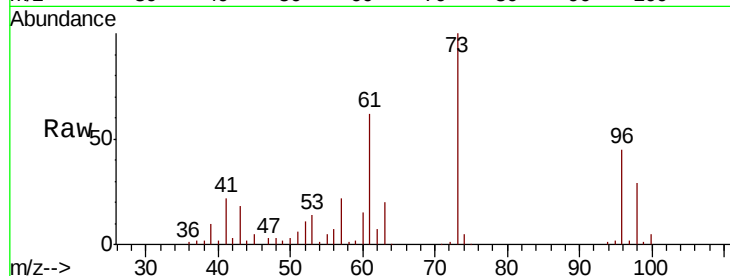
Tot Ion: 96 Resp: 138952

Ion Ratio Lower Upper

96 100

61 139.1 107.4 161.0

98 64.2 50.7 76.1

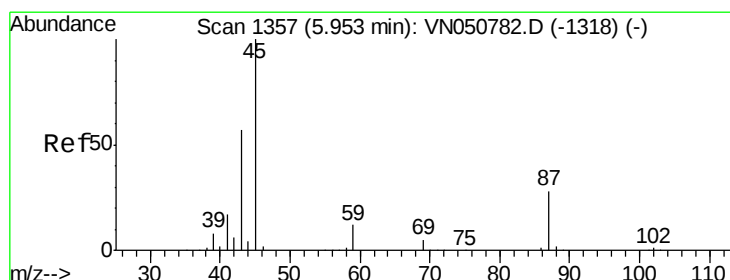
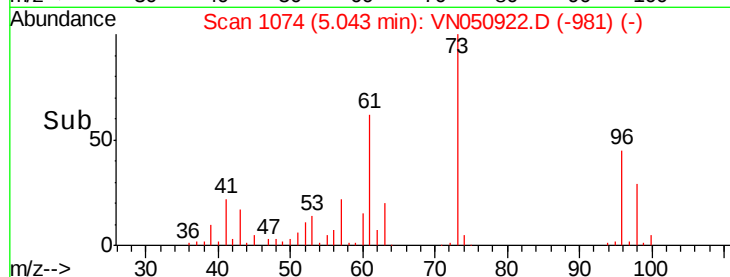
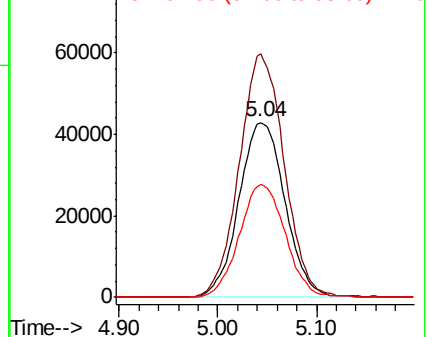


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.64 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Tgt Ion: 45 Resp: 440697

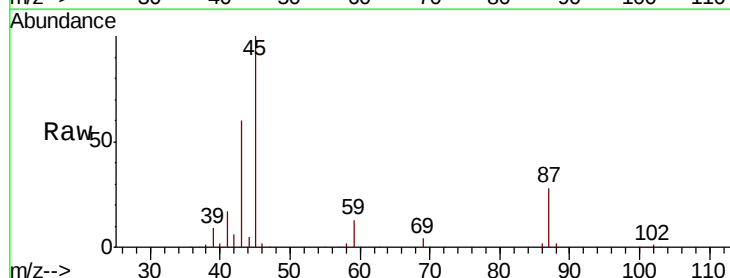
Ion Ratio Lower Upper

45 100

43 58.5 45.9 68.9

87 28.0 22.7 34.1

59 12.3 9.3 13.9



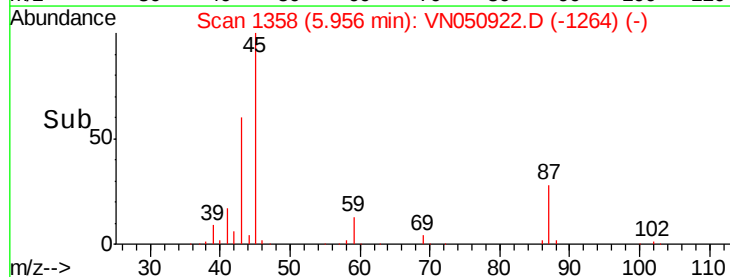
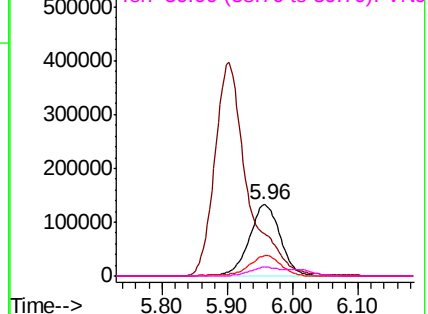
Abundance

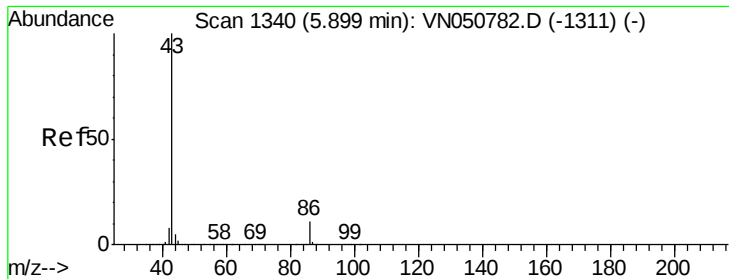
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 105.32 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

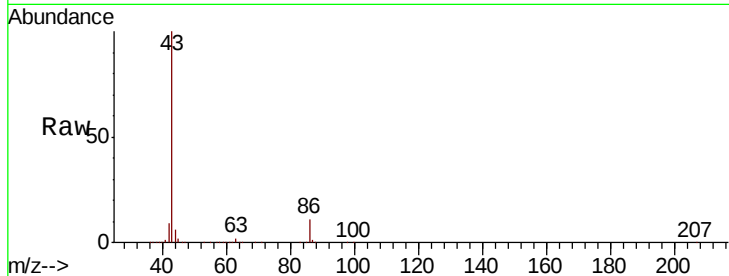
VN0828WBSD02

Tot Ion: 43 Resp: 1381492

Ion Ratio Lower Upper

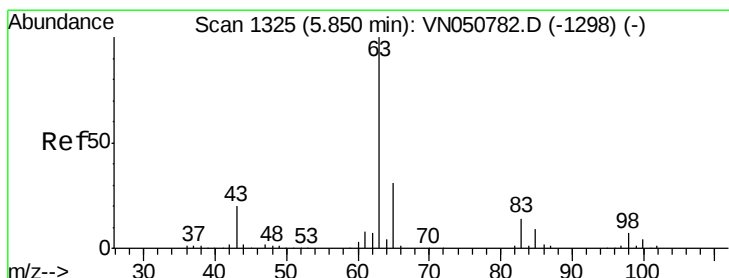
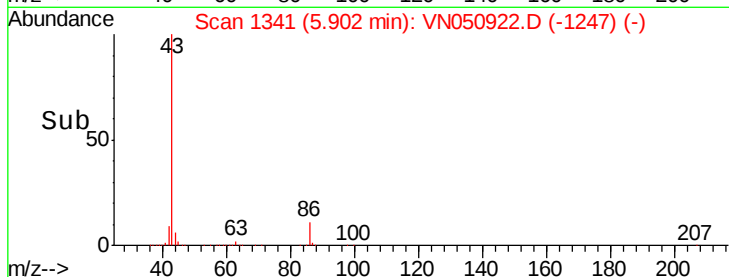
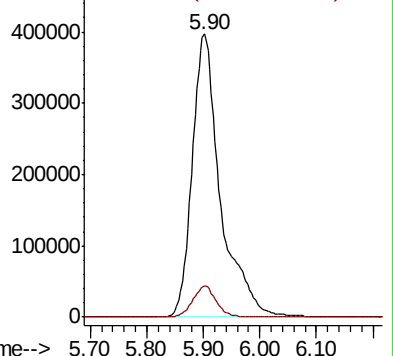
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.14 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

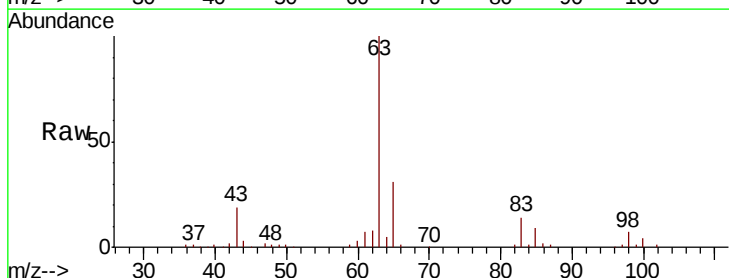
Tgt Ion: 63 Resp: 263388

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

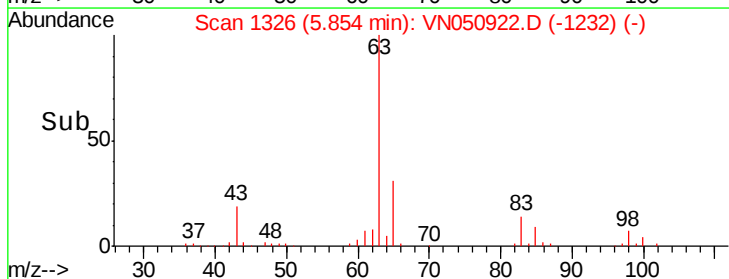
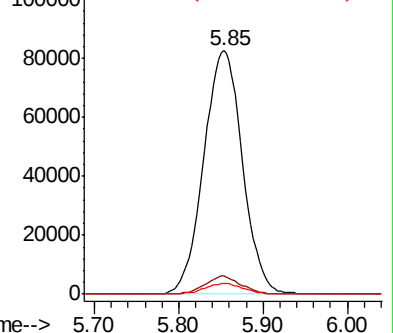
100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 99.96 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.01 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleID :

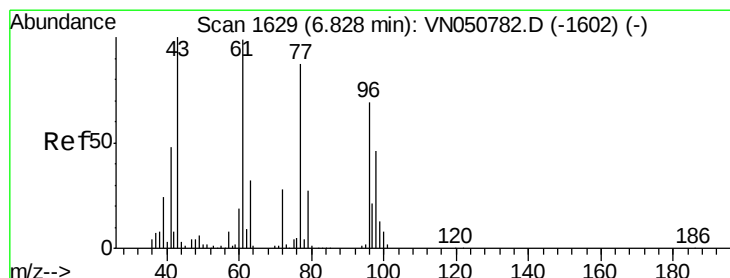
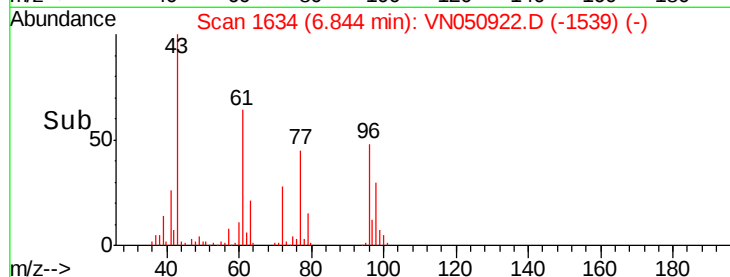
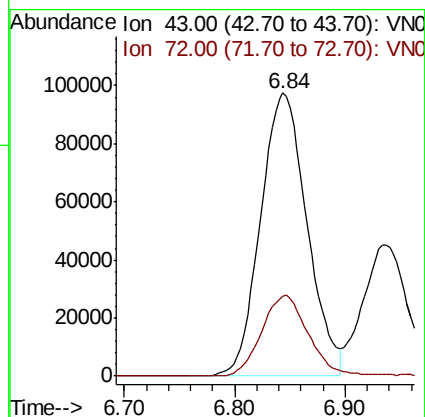
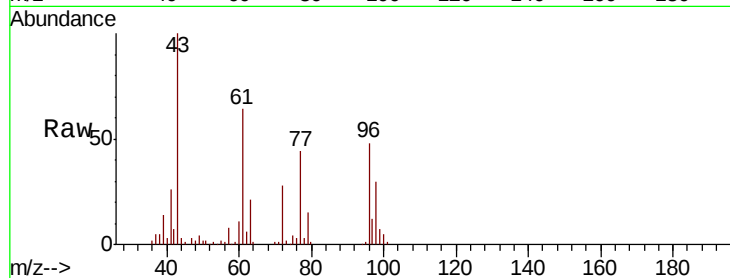
VN0828WBSD02

Tot Ion: 43 Resp: 283200

Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 17.53 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050922.D

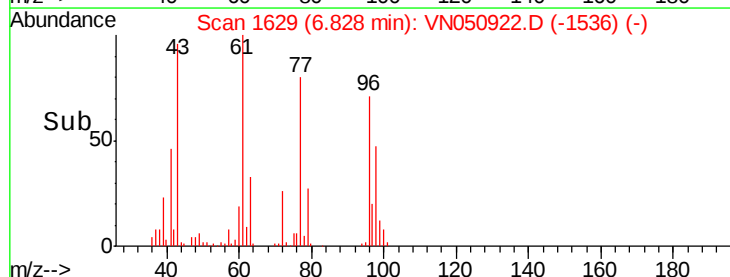
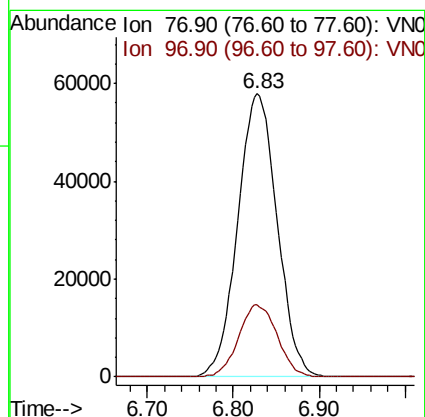
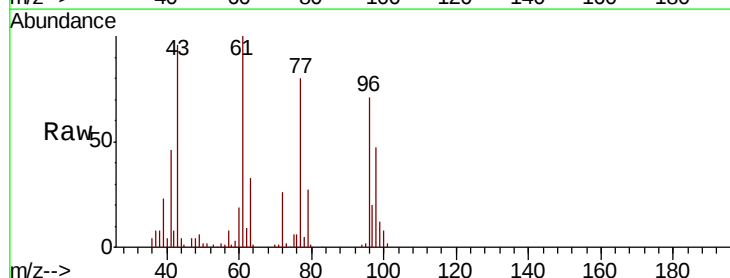
Acq: 28 Aug 2018 19:03

Tgt Ion: 77 Resp: 184143

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.31 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

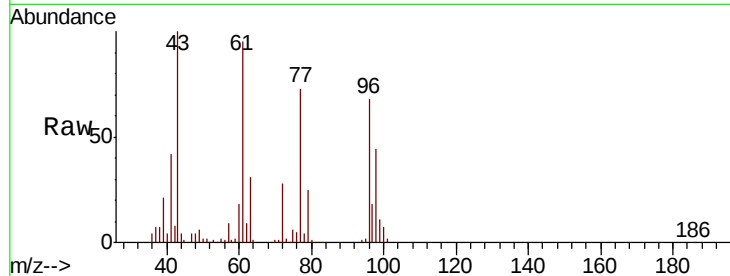
Tot Ion: 96 Resp: 155353

Ion Ratio Lower Upper

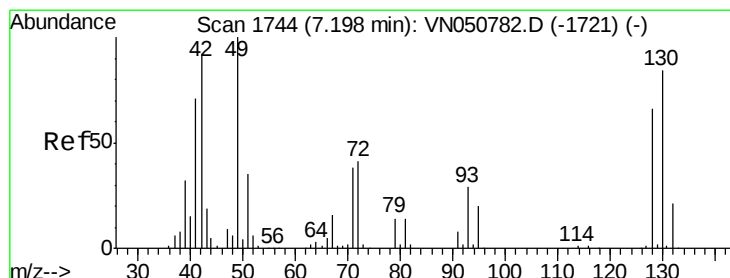
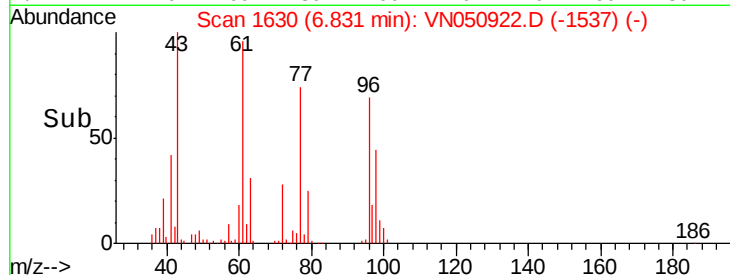
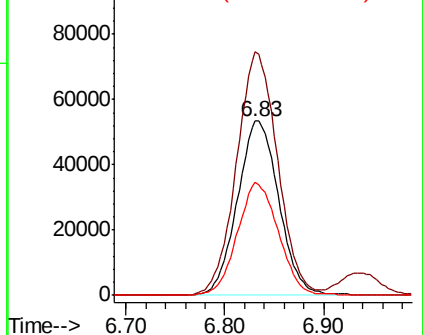
96 100

61 138.8 0.0 283.4

98 64.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.45 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

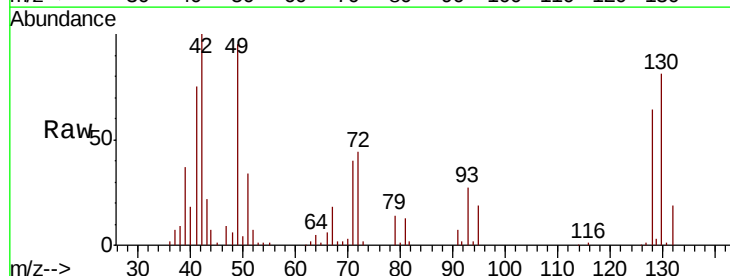
Tgt Ion: 49 Resp: 108099

Ion Ratio Lower Upper

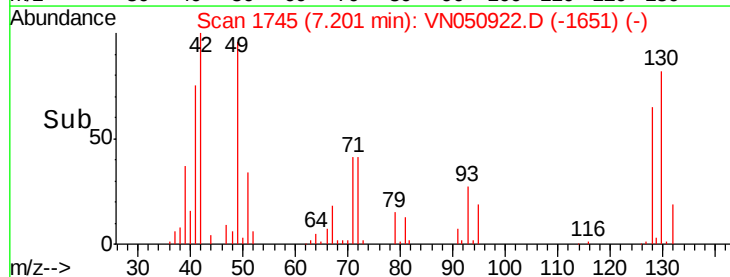
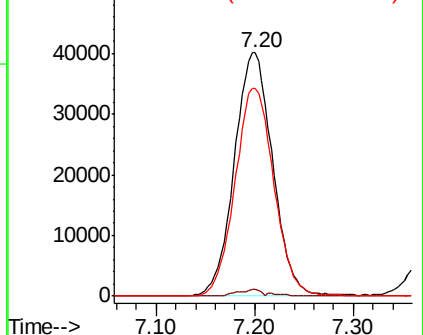
49 100

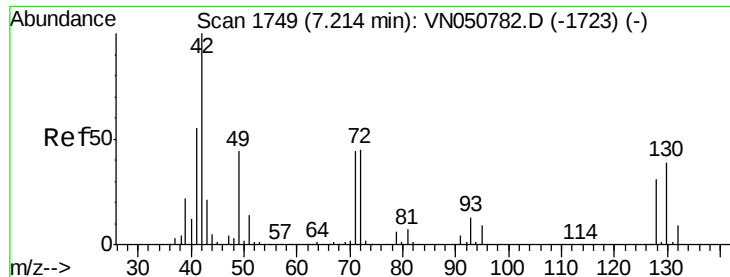
129 1.6 0.0 4.2

130 86.5 67.1 100.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 118.79 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

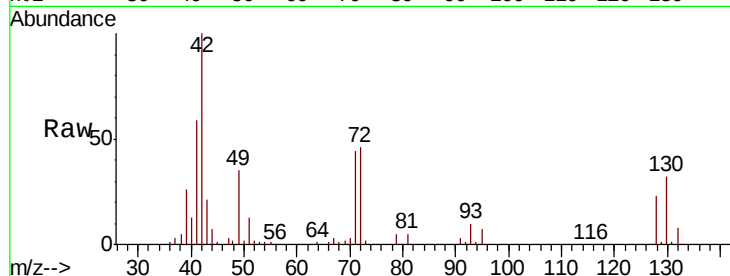
Tot Ion: 42 Resp: 192962

Ion Ratio Lower Upper

42 100

72 45.6 35.5 53.3

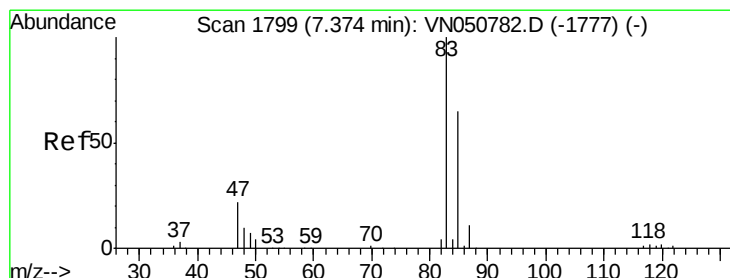
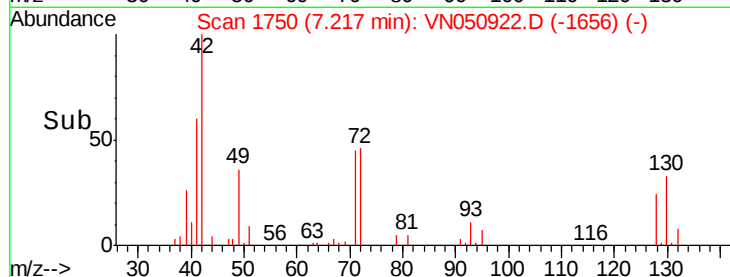
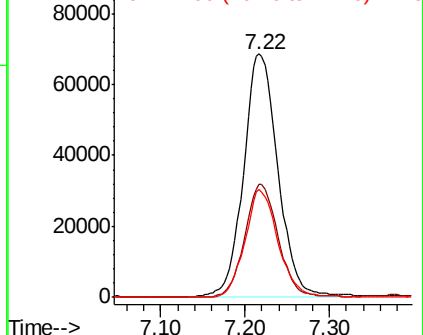
71 43.0 33.7 50.5



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



#30

Chloroform

Concen: 20.53 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050922.D

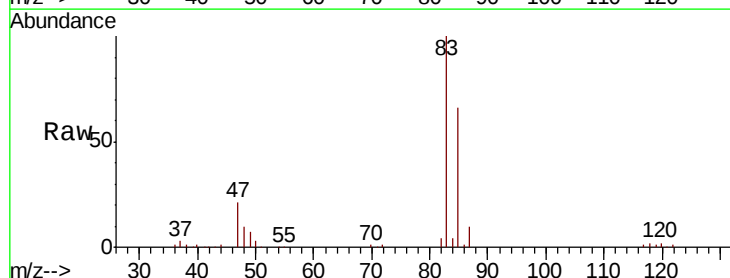
Acq: 28 Aug 2018 19:03

Tgt Ion: 83 Resp: 265848

Ion Ratio Lower Upper

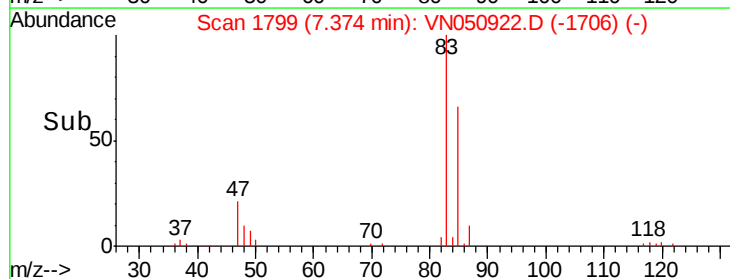
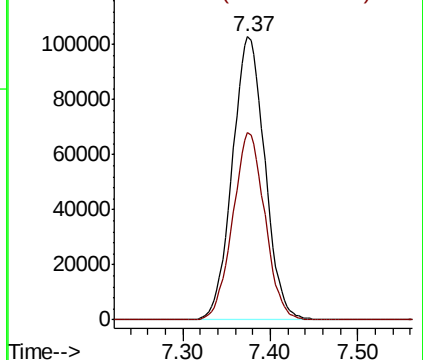
83 100

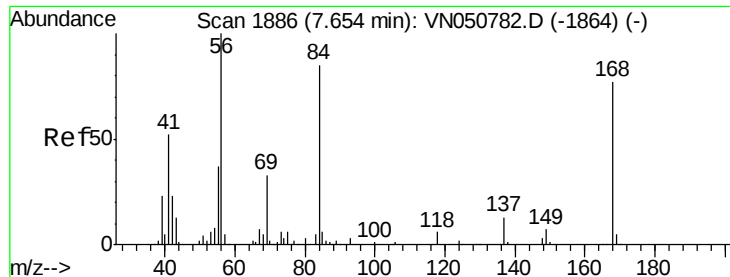
85 66.0 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

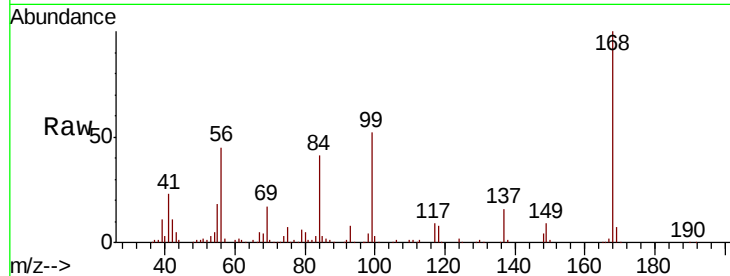




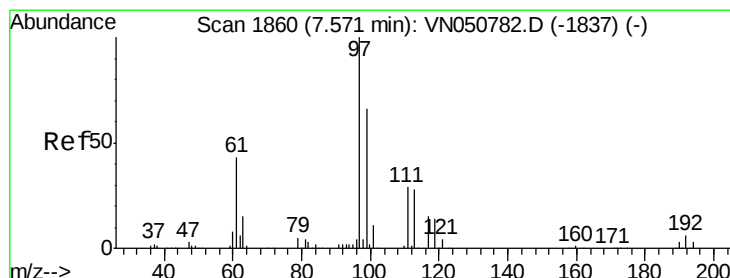
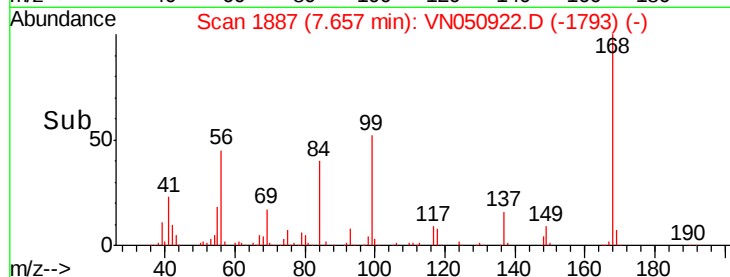
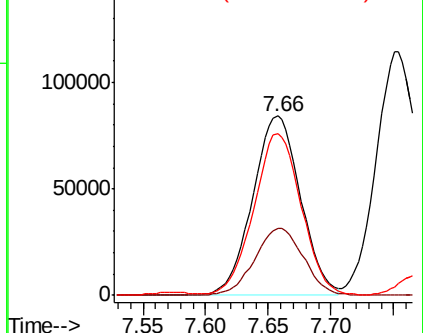
#31
Cyclohexane
Concen: 19.12 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tot Ion: 56 Resp: 223820
Ion Ratio Lower Upper
56 100
69 37.3 26.2 39.4
84 89.1 68.3 102.5

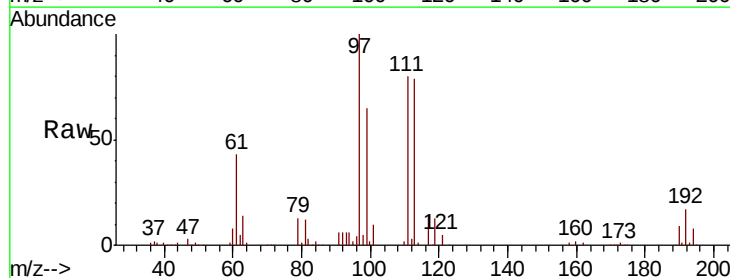


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

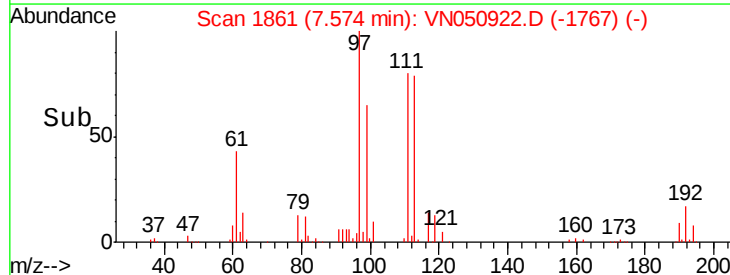
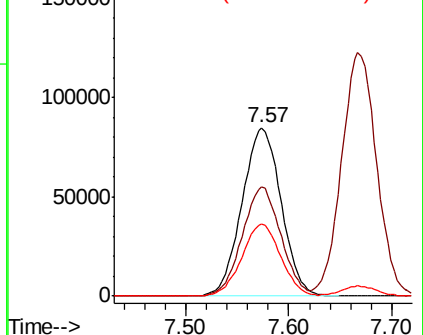


#32
1,1,1-Trichloroethane
Concen: 20.14 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 97 Resp: 224002
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 42.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

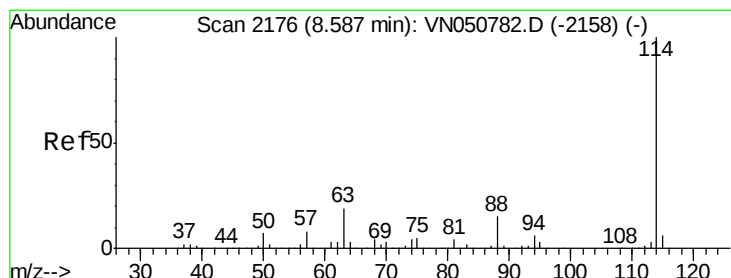
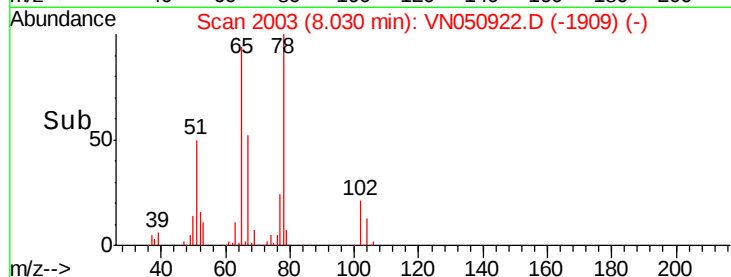
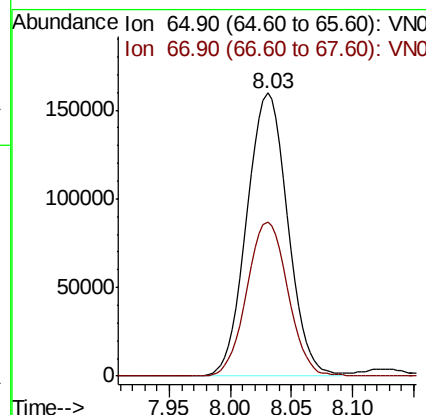
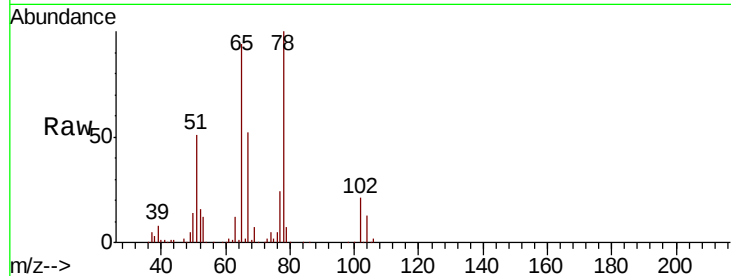




#33
 1,2-Dichloroethane-d4
 Concen: 52.82 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

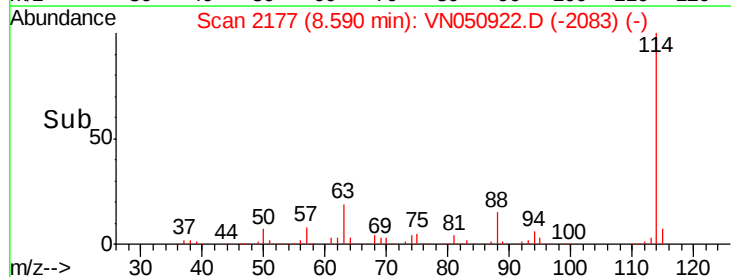
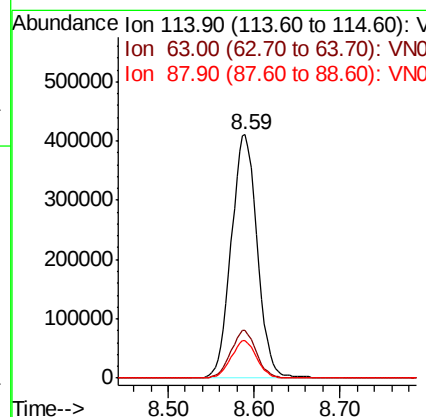
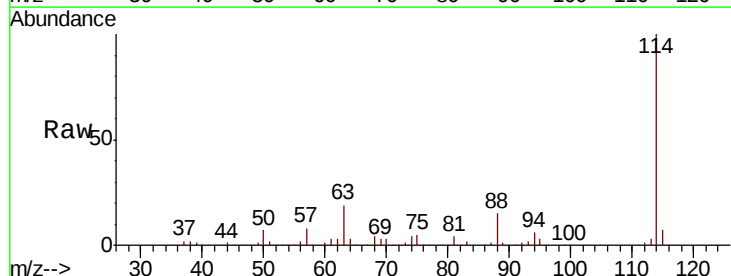
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

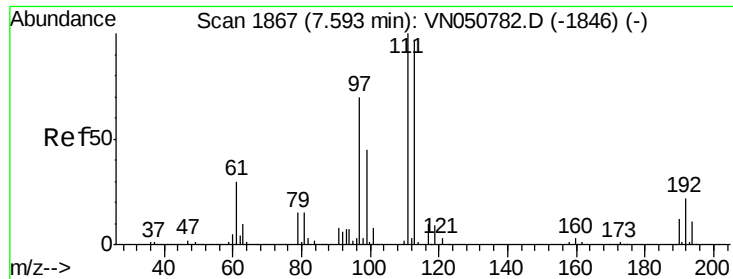
Tot Ion: 65 Resp: 371320
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 114 Resp: 862424
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.3 0.0 30.6

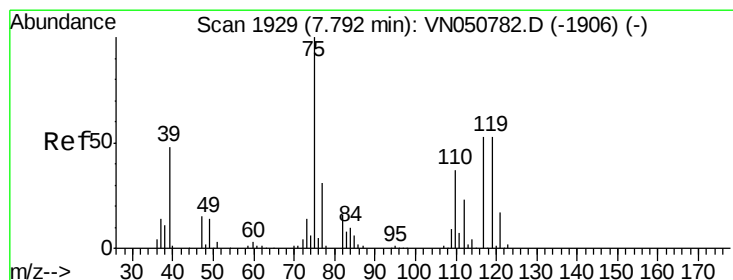
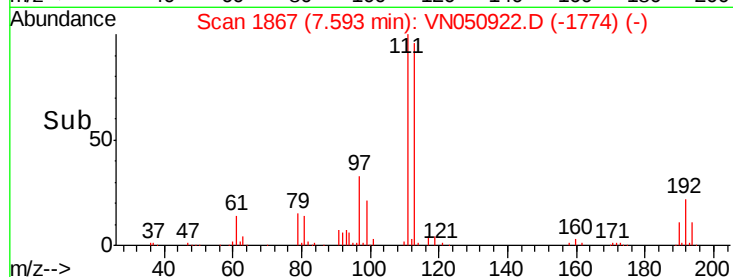
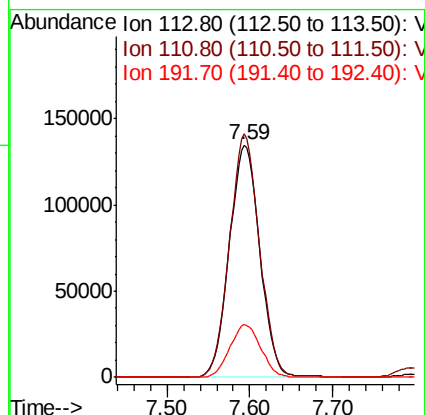
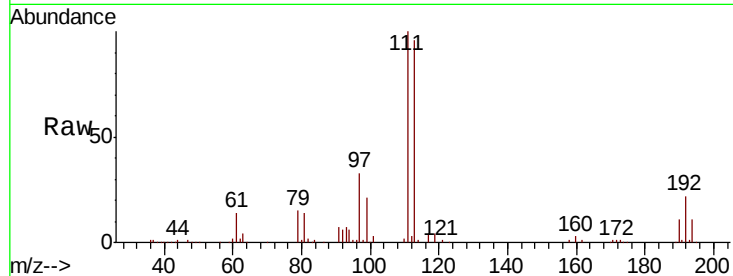




#35
 Dibromofluoromethane
 Concen: 50.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

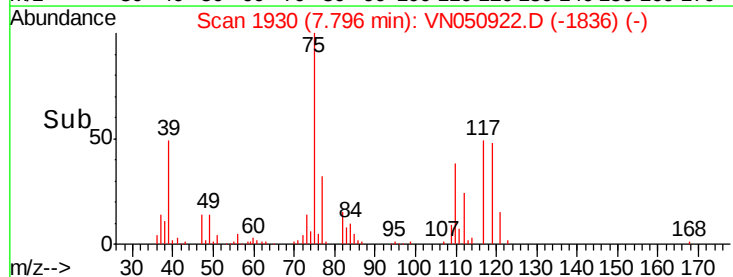
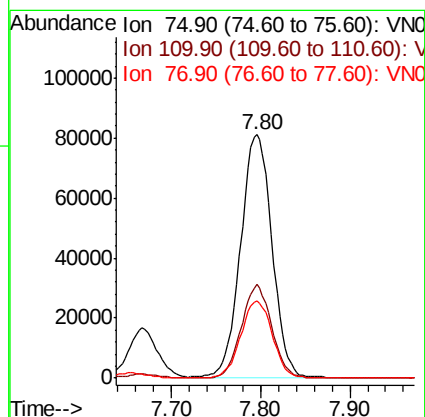
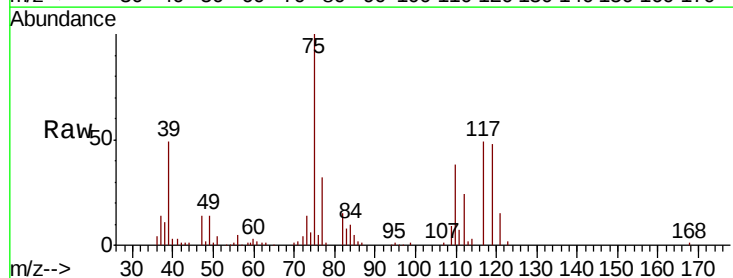
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

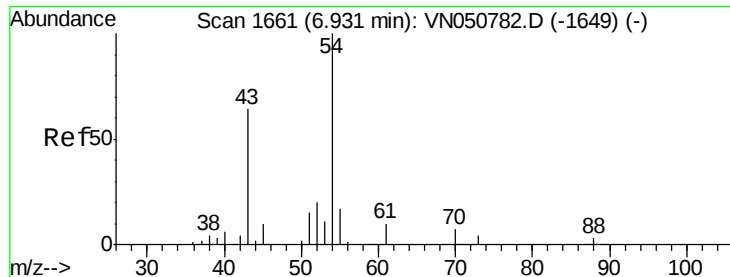
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.9	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.43 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.4
77	32.0	24.8	37.2

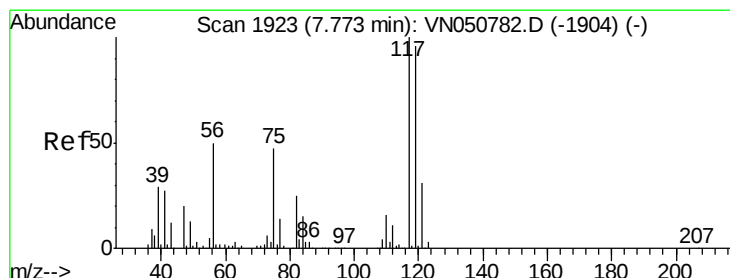
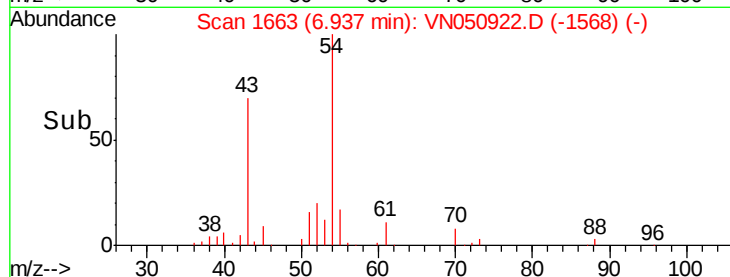
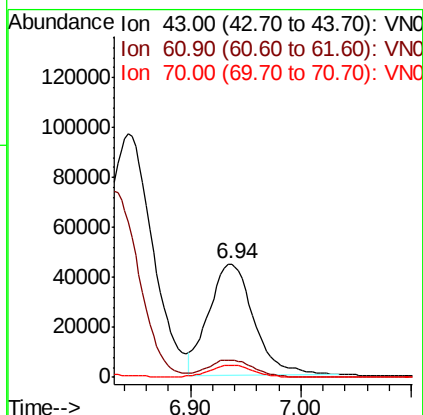
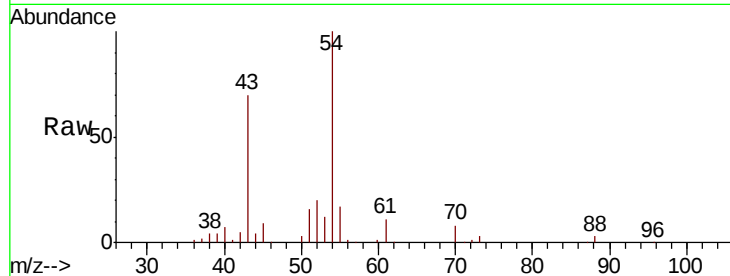




#37
Ethyl Acetate
Concen: 21.63 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

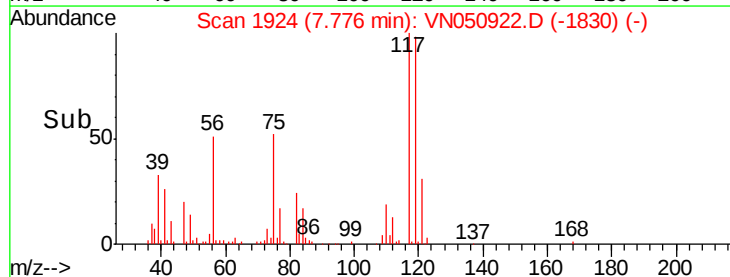
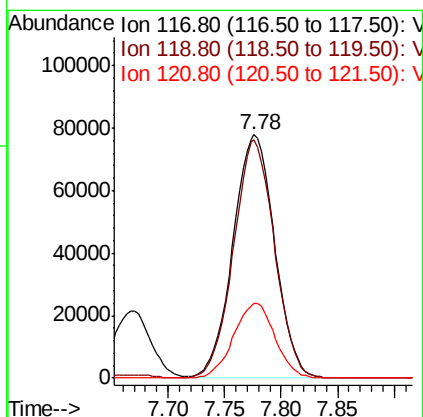
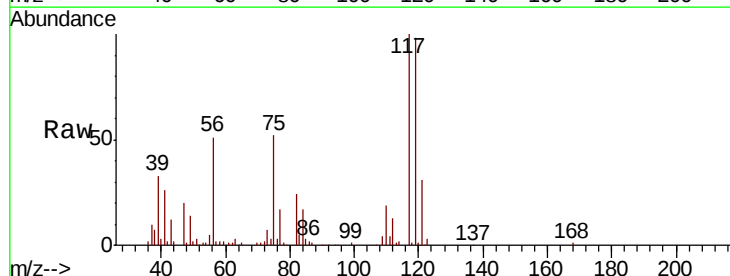
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tot Ion: 43 Resp: 126473
Ion Ratio Lower Upper
43 100
61 15.6 12.0 18.0
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.41 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 117 Resp: 199653
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5
121 30.6 24.6 36.8

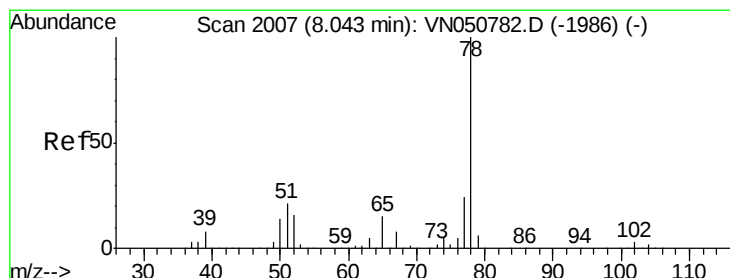
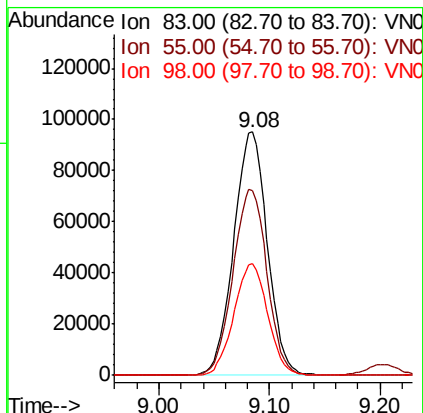
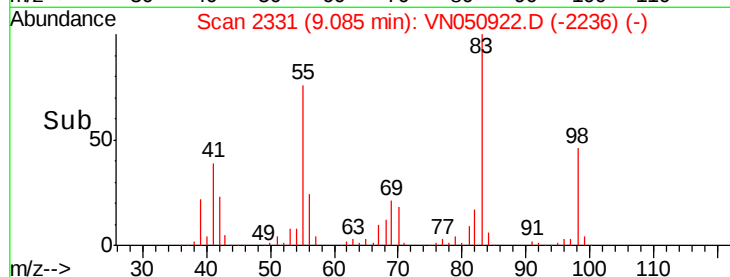
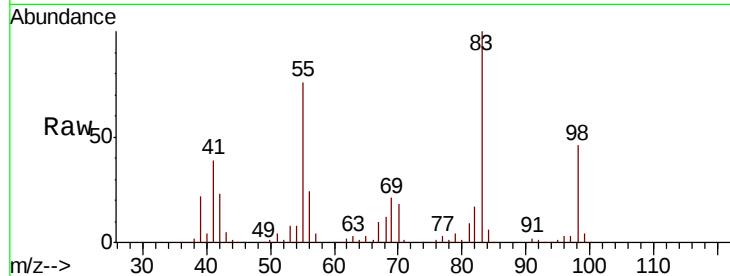




#39
Methvlcvclohexane
Concen: 18.25 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

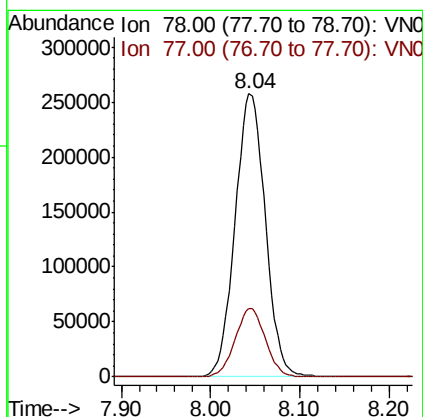
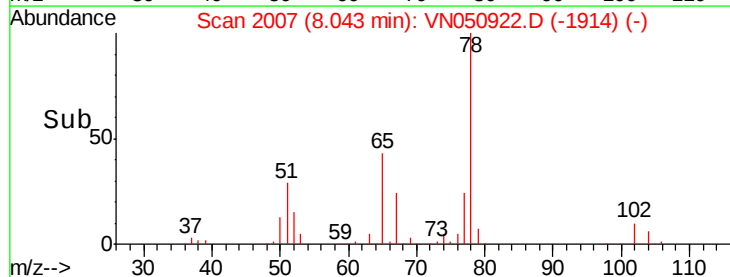
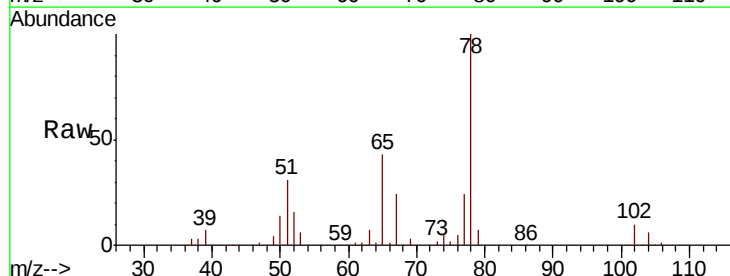
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

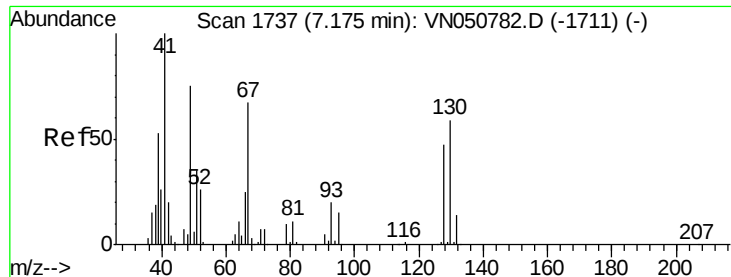
Tot Ion: 83 Resp: 200961
Ion Ratio Lower Upper
83 100
55 76.1 61.0 91.4
98 45.6 37.5 56.3



#40
Benzene
Concen: 19.77 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 78 Resp: 606816
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

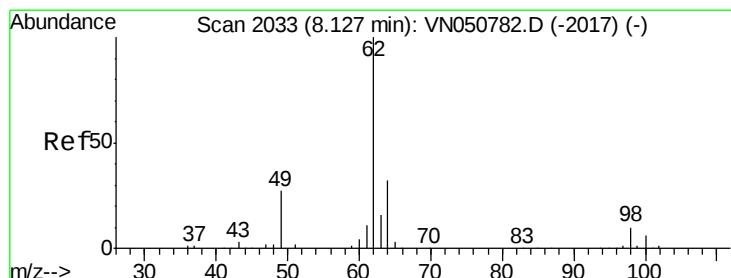
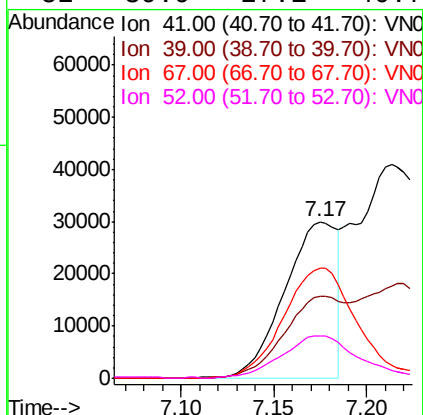
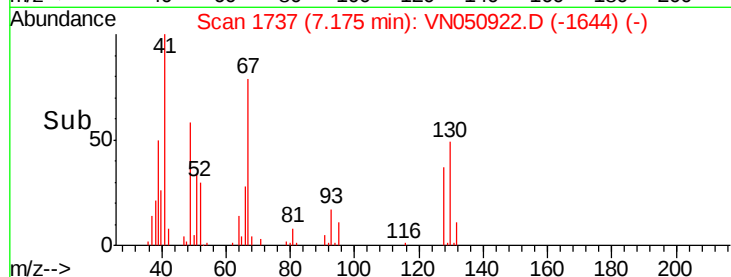
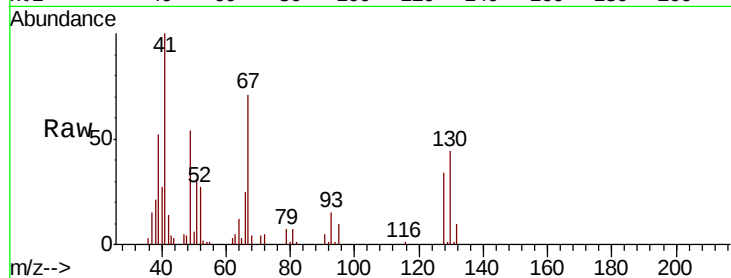




#41
Methacrylonitrile
Concen: 18.80 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

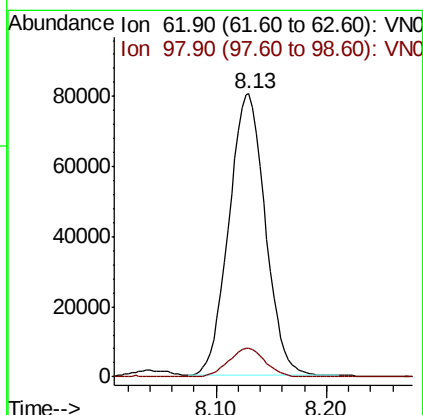
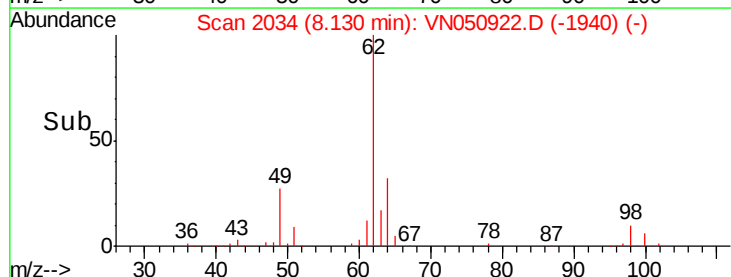
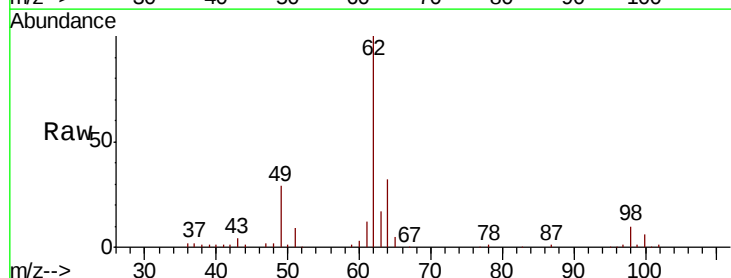
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

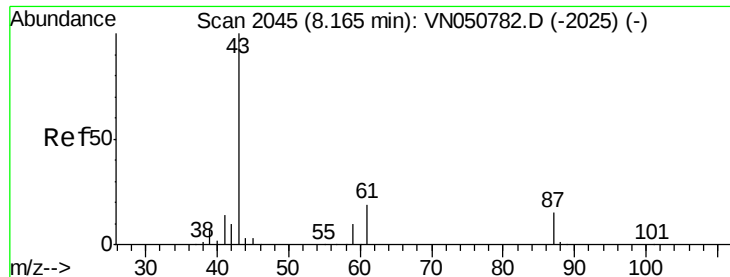
Tot Ion:	41	Resp:	59476
Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.4	68.0
67	98.9	70.6	106.0
52	39.9	27.1	40.7



#42
1,2-Dichloroethane
Concen: 20.10 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion:	62	Resp:	184406
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 22.66 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleID :

VN0828WBSD02

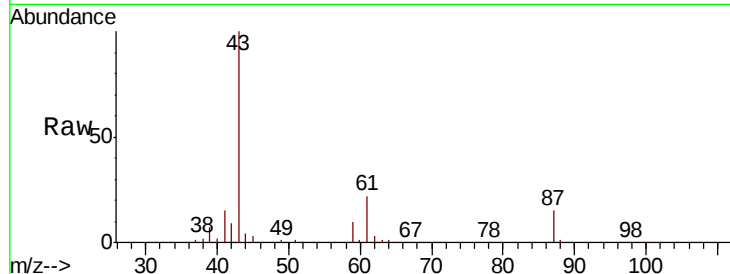
Tot Ion: 43 Resp: 227738

Ion Ratio Lower Upper

43 100

61 21.5 17.5 26.3

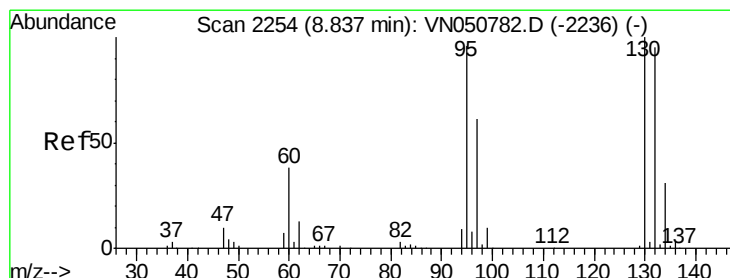
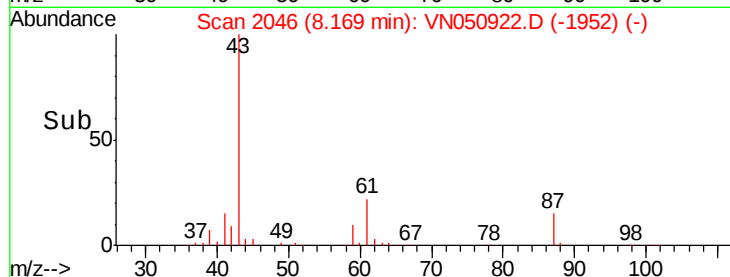
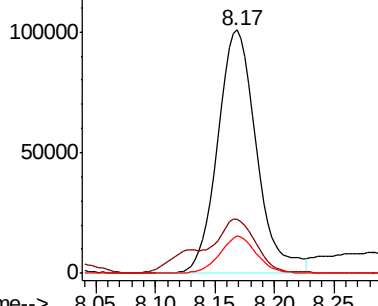
87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050922.D (-2161) (-)

Ion 61.00 (60.70 to 61.70): VN050922.D (-2161) (-)

Ion 87.00 (86.70 to 87.70): VN050922.D (-2161) (-)



#44

Trichloroethene

Concen: 19.55 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050922.D

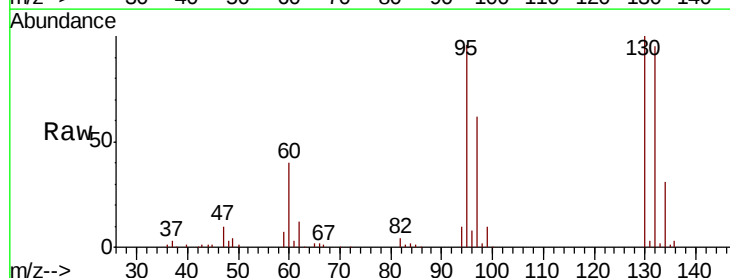
Acq: 28 Aug 2018 19:03

Tgt Ion:130 Resp: 158218

Ion Ratio Lower Upper

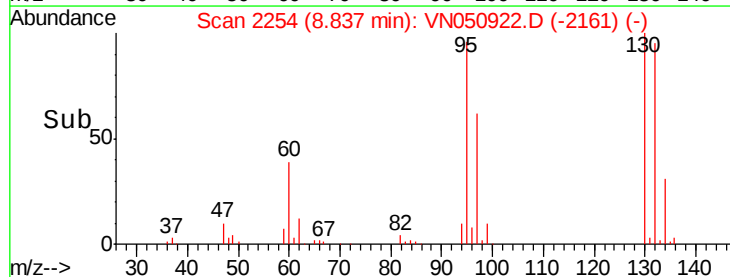
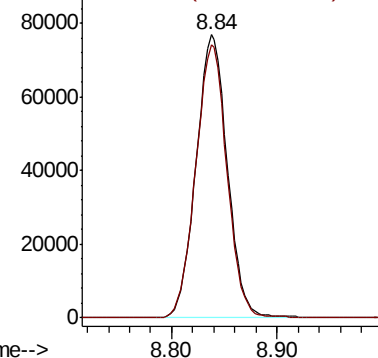
130 100

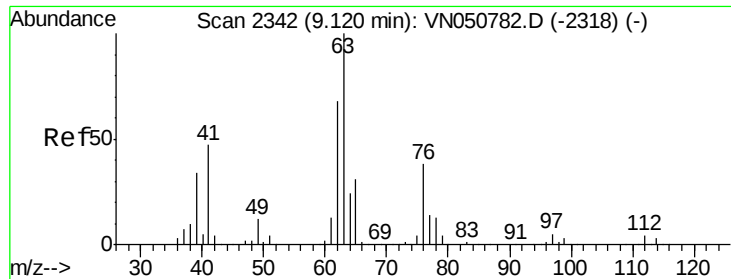
95 96.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050922.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050922.D (-2161) (-)

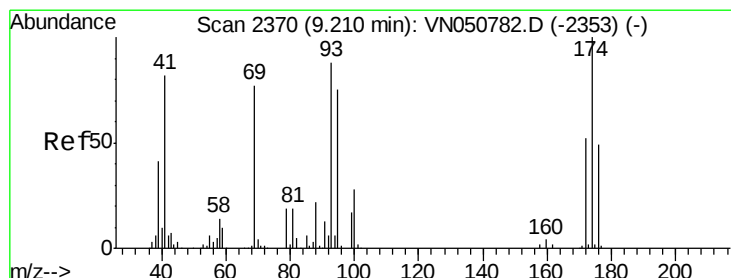
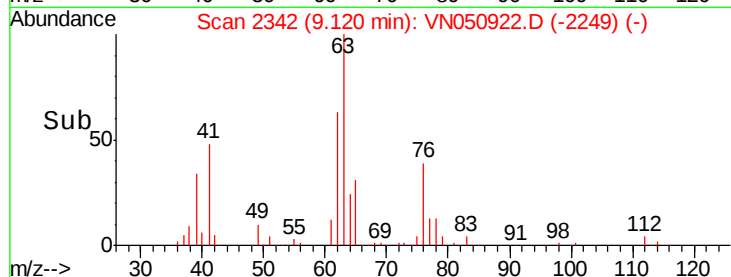
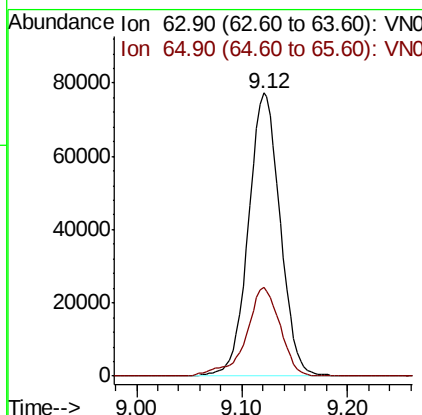
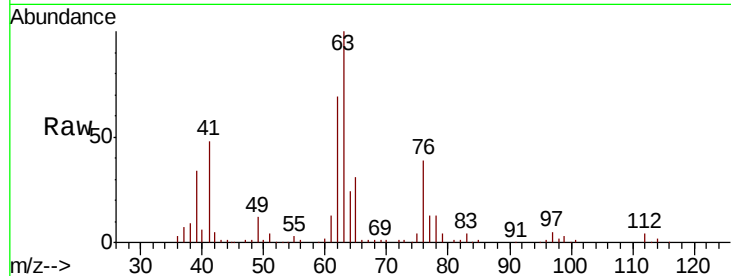




#45
 1,2-Dichloropropane
 Concen: 20.09 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

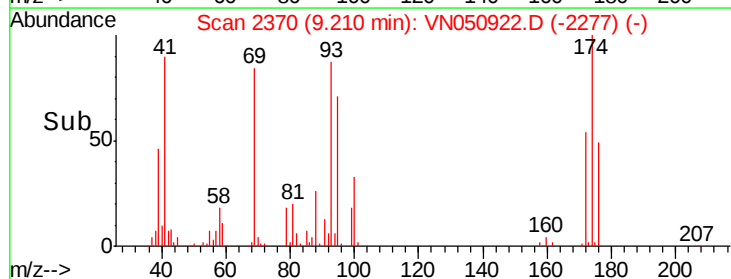
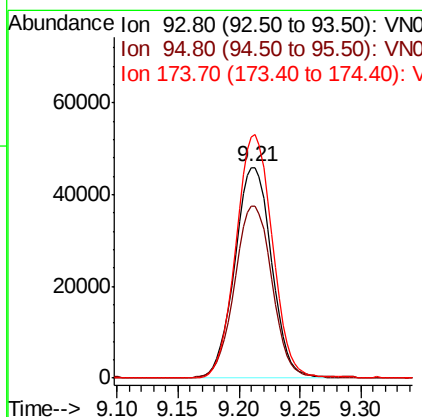
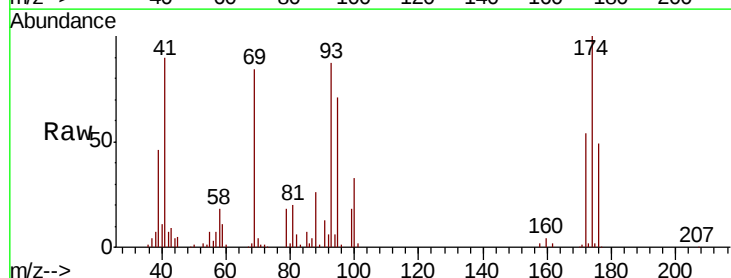
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

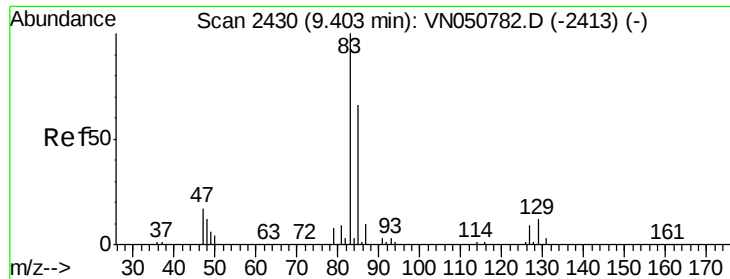
Tot Ion: 63 Resp: 162018
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 20.32 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 93 Resp: 96281
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 113.8 89.8 134.6





#47

Bromodichloromethane

Concen: 20.07 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampled :

VN0828WBSD02

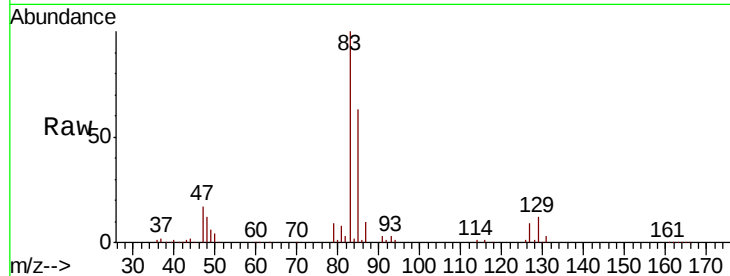
Tot Ion: 83 Resp: 199189

Ion Ratio Lower Upper

83 100

85 62.7 52.6 78.8

127 9.1 7.2 10.8

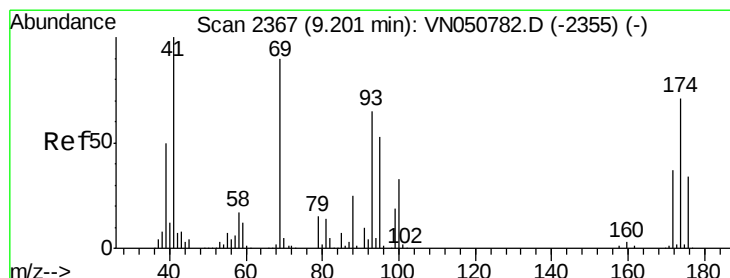
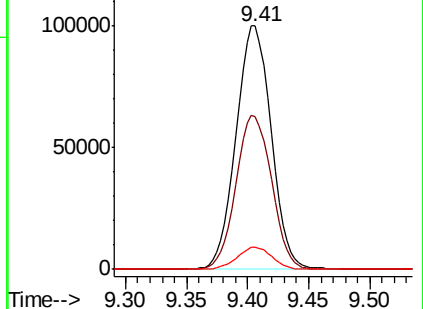
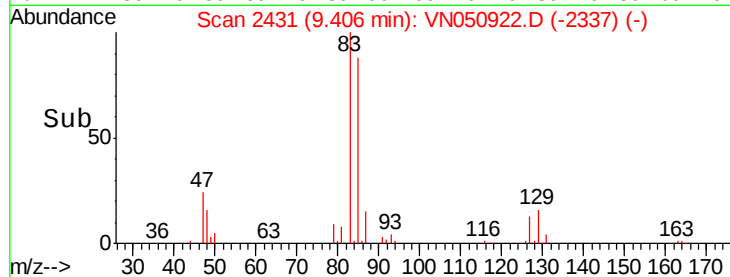


Abundance Ion 82.90 (82.60 to 83.60): VN050922.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050922.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050922.D (-2413) (-)

Time-->



#48

Methyl methacrylate

Concen: 21.86 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

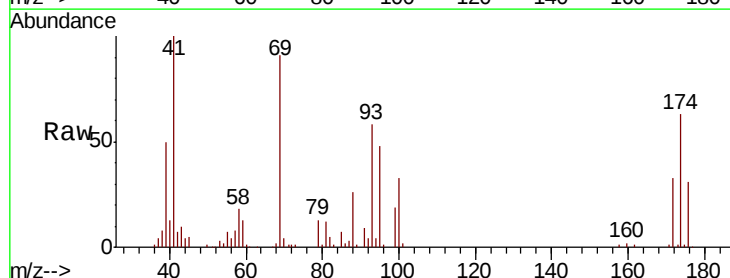
Tgt Ion: 41 Resp: 111963

Ion Ratio Lower Upper

41 100

69 93.3 74.7 112.1

39 51.6 42.2 63.2

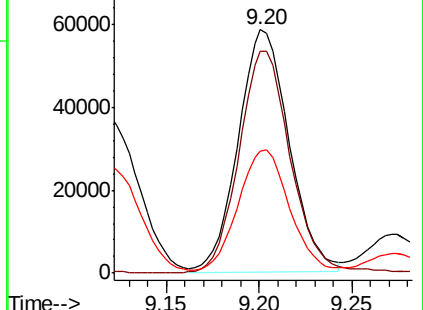
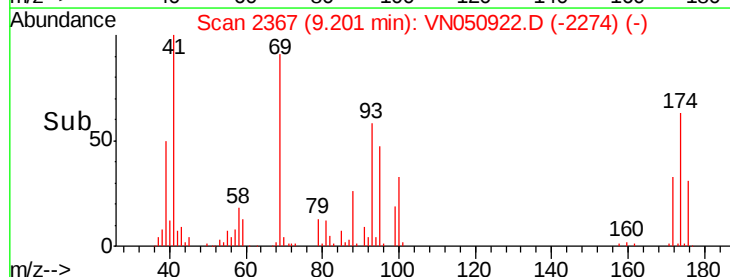


Abundance Ion 41.00 (40.70 to 41.70): VN050922.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN050922.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN050922.D (-2355) (-)

Time-->





#49

1,4-Dioxane

Concen: 468.91 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

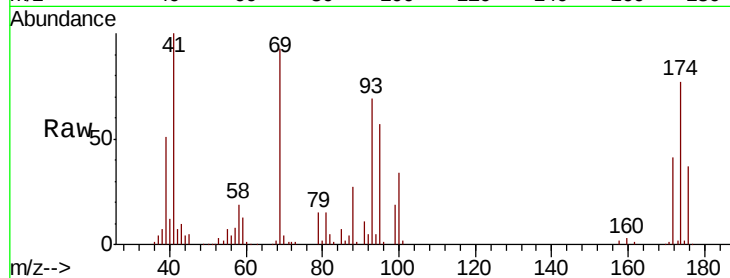
Tot Ion: 88 Resp: 32745

Ion Ratio Lower Upper

88 100

43 32.1 25.9 38.9

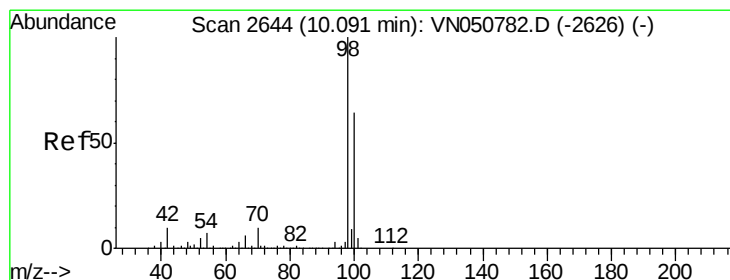
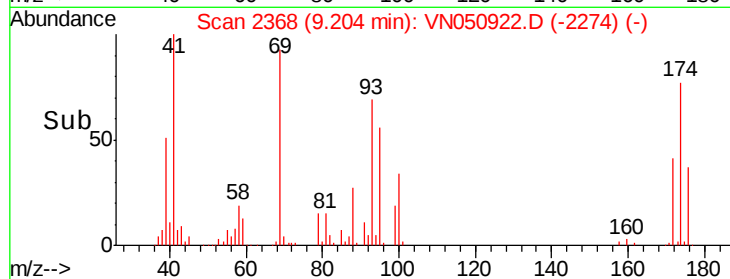
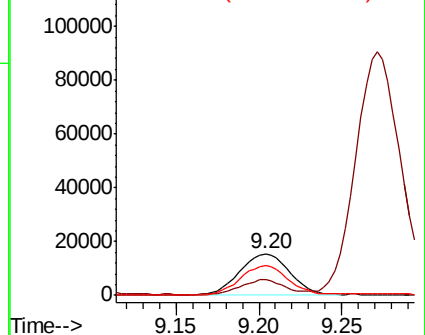
58 68.4 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN050922.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050922.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050922.D (-2352) (-)



#50

Toluene-d8

Concen: 50.72 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050922.D

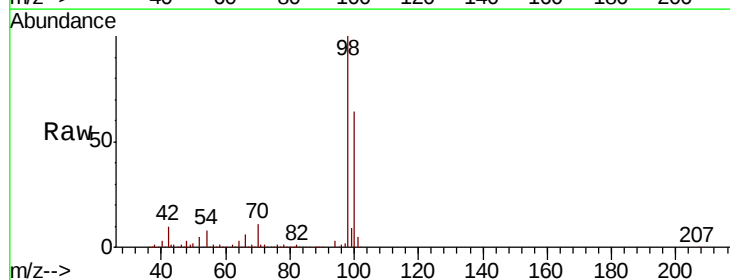
Acq: 28 Aug 2018 19:03

Tgt Ion: 98 Resp: 1301025

Ion Ratio Lower Upper

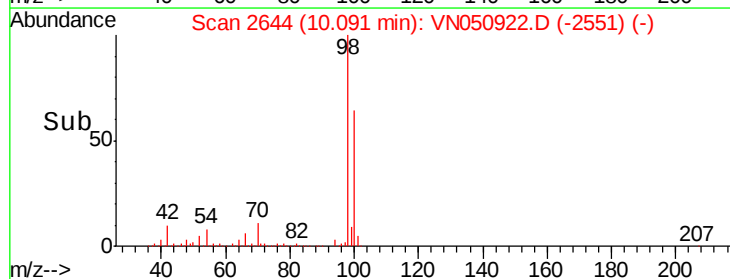
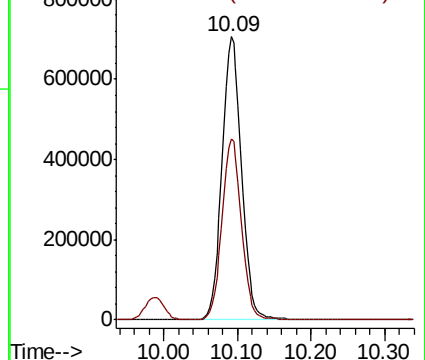
98 100

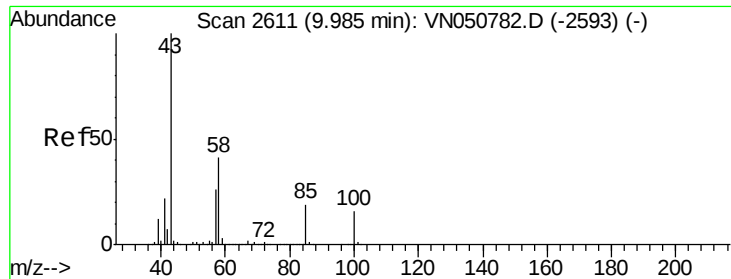
100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050922.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050922.D (-2626) (-)

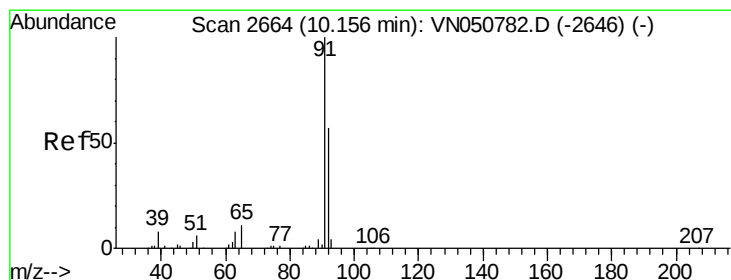
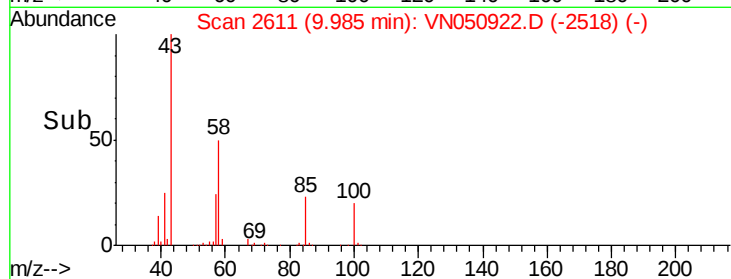
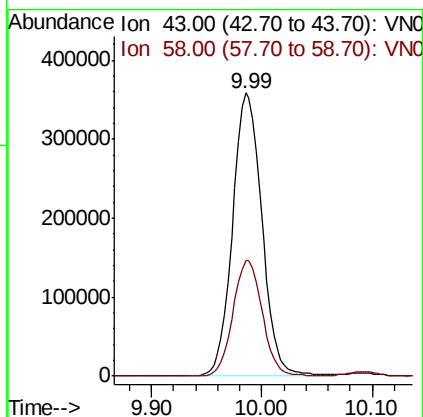
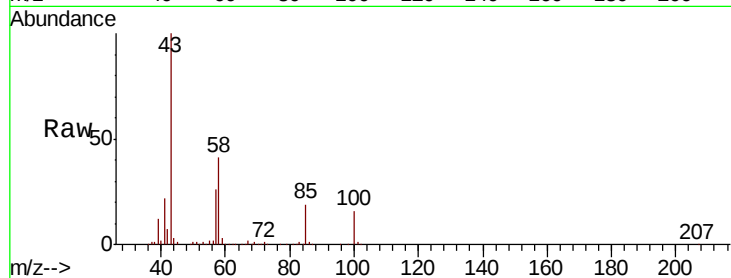




#51
 4-Methyl-2-Pentanone
 Concen: 110.13 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

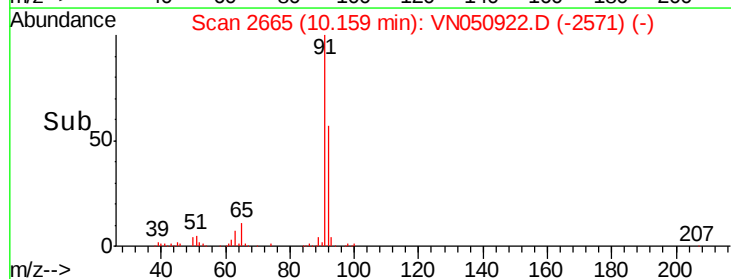
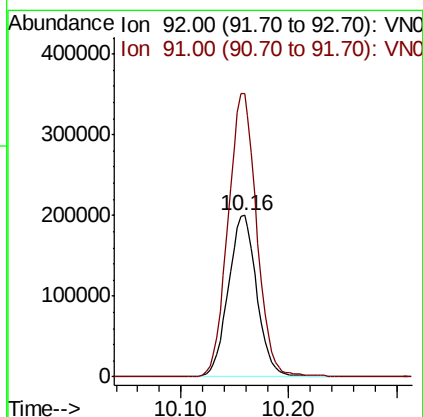
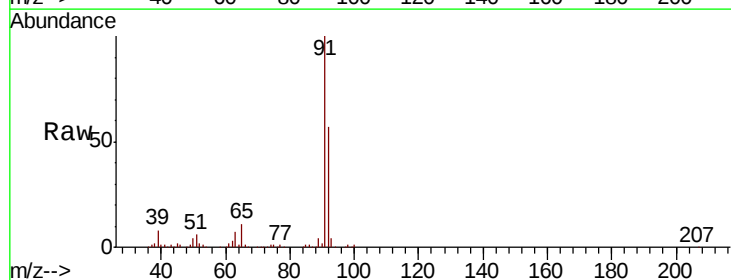
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

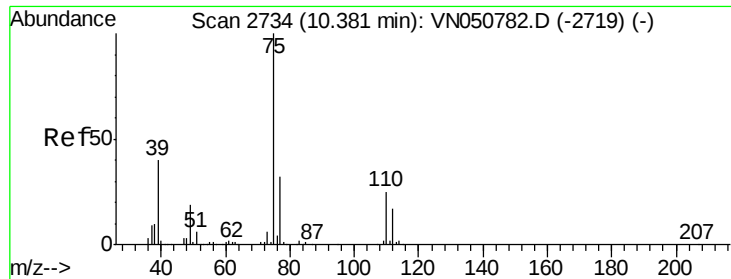
Tot Ion: 43 Resp: 660569
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.4 48.6



#52
 Toluene
 Concen: 20.37 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 92 Resp: 370378
 Ion Ratio Lower Upper
 92 100
 91 175.9 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 19.34 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

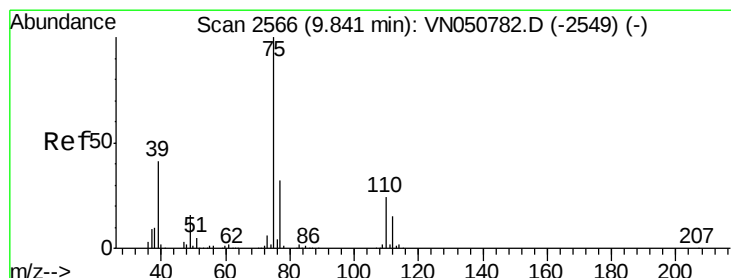
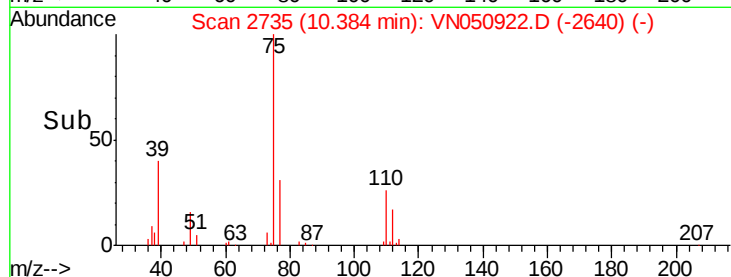
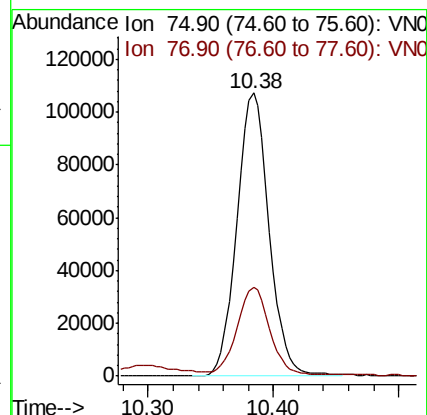
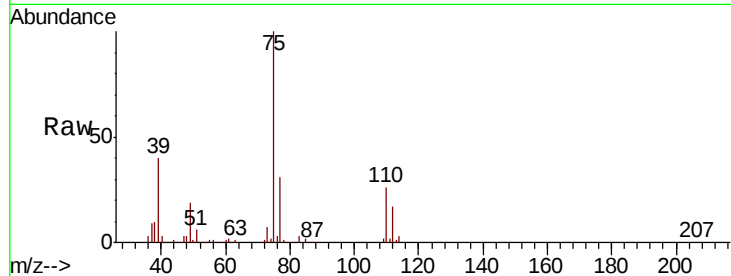
VN0828WBSD02

Tot Ion: 75 Resp: 191041

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.59 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

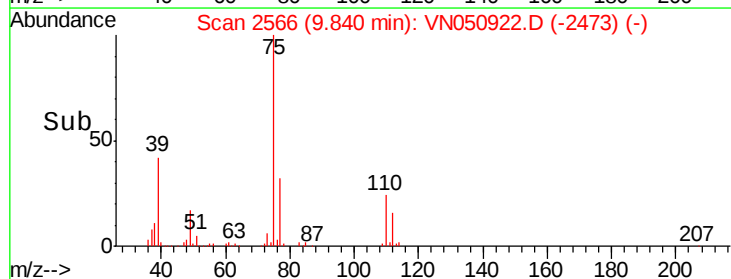
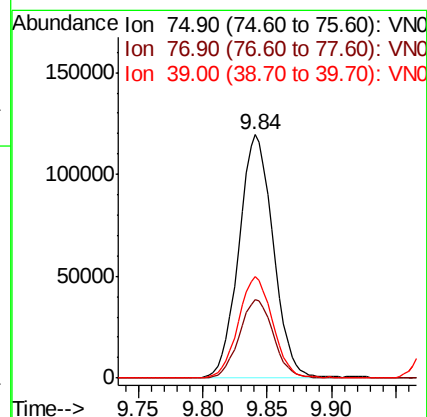
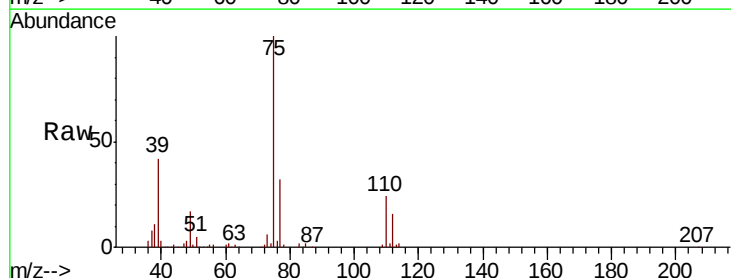
Tgt Ion: 75 Resp: 221642

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 41.4 33.0 49.4

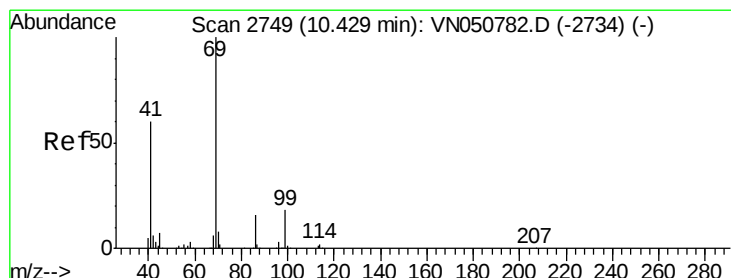
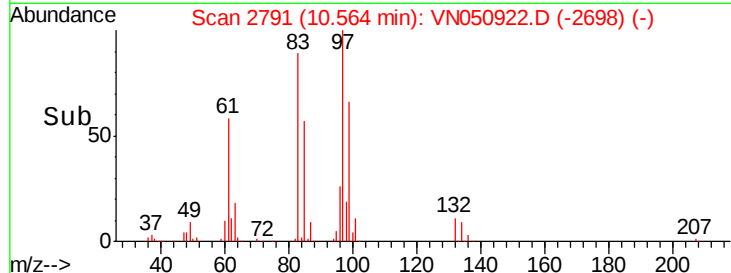
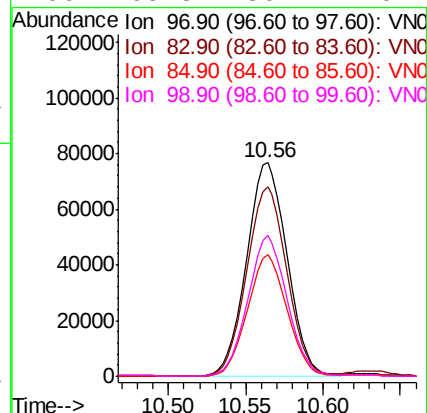
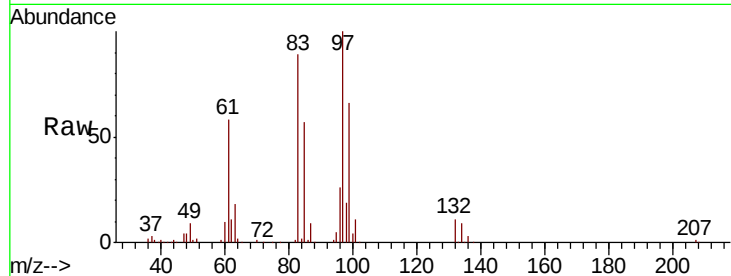




#55
 1,1,2-Trichloroethane
 Concen: 20.77 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

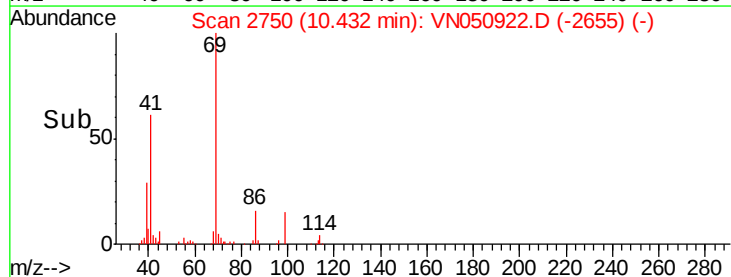
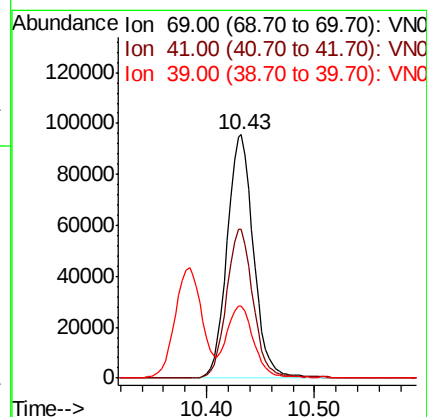
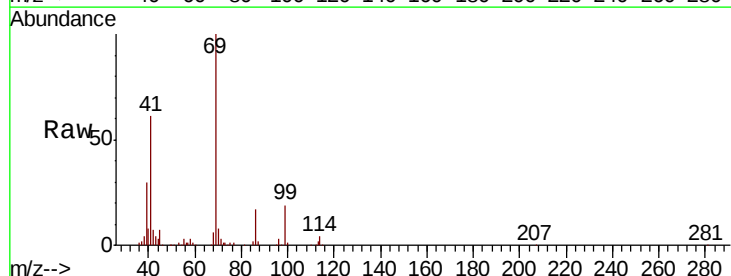
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

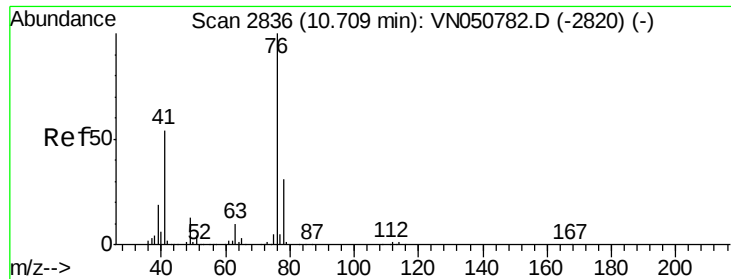
Tot Ion:	97	Resp:	140176
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.7	104.5
85	57.0	44.5	66.7
99	65.8	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 20.08 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion:	69	Resp:	163262
Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.3	72.5
39	29.6	24.0	36.0

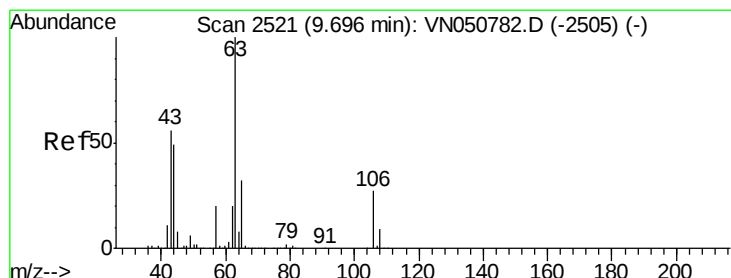
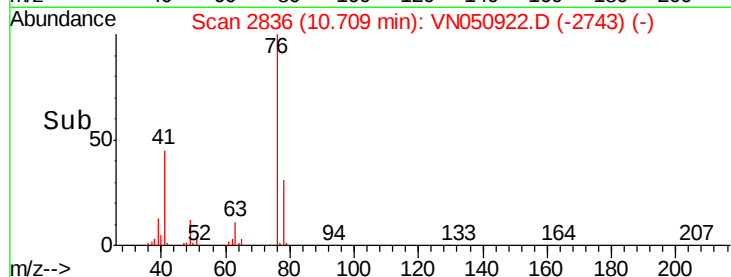
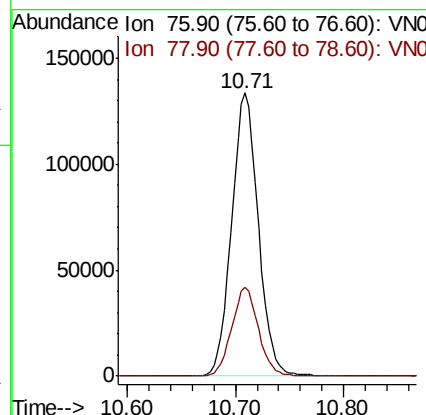
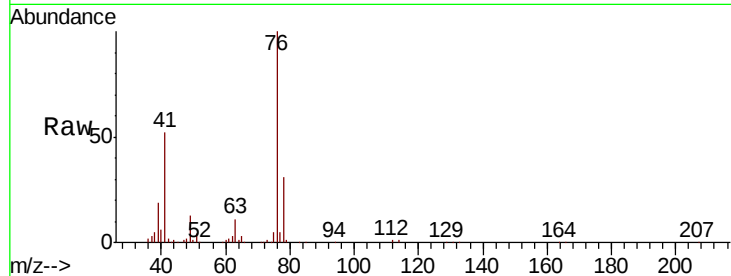




#57
 1,3-Dichloropropane
 Concen: 20.71 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

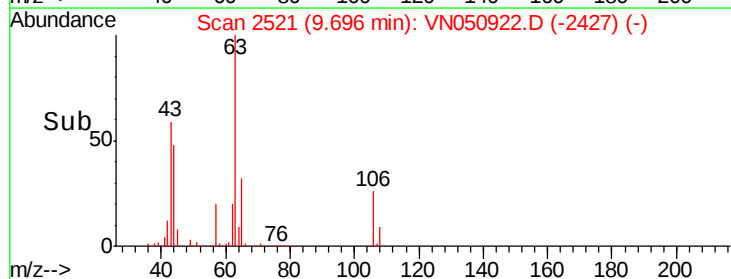
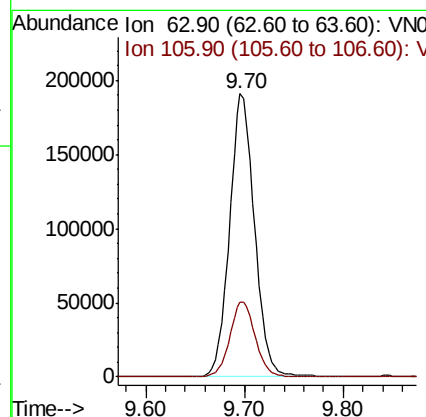
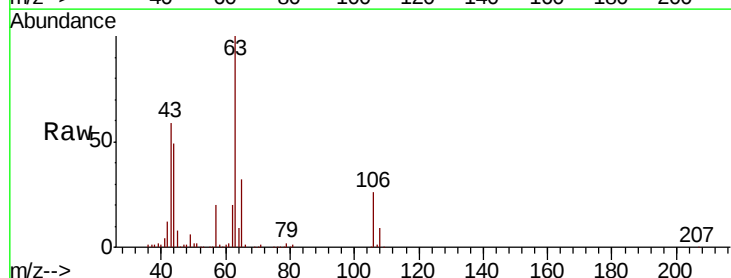
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

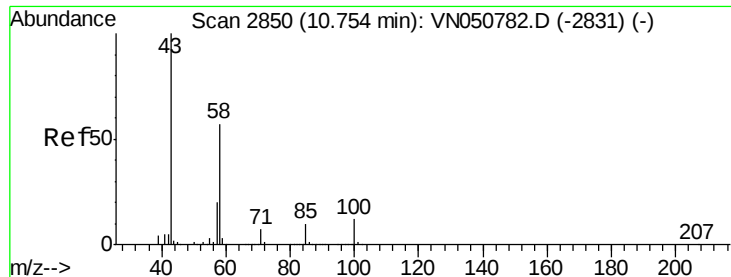
Tot Ion: 76 Resp: 230645
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.34 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion: 63 Resp: 338725
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.9 32.9

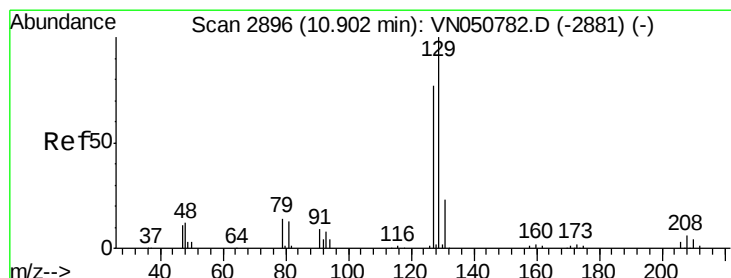
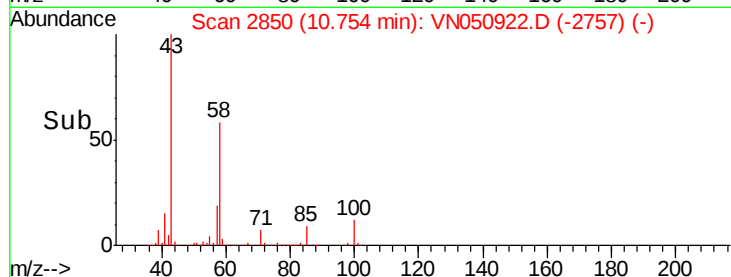
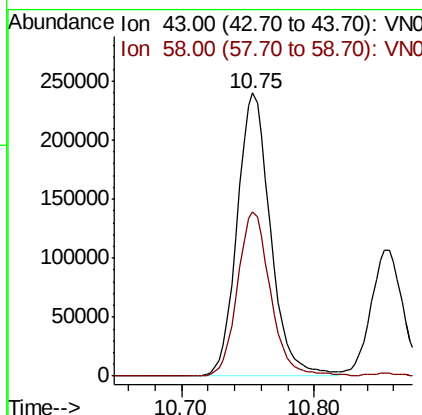
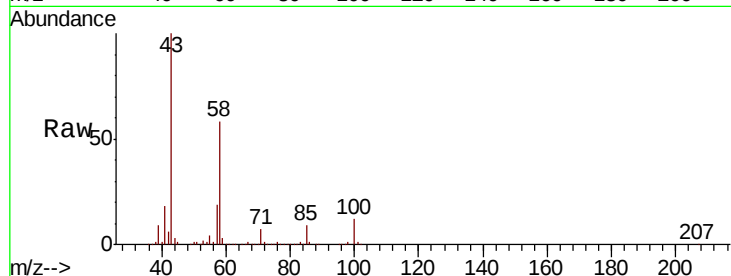




#59
2-Hexanone
Concen: 104.45 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

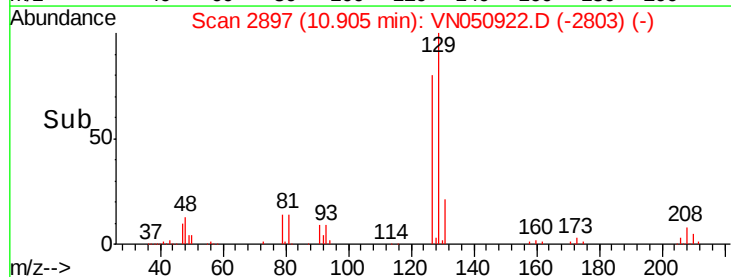
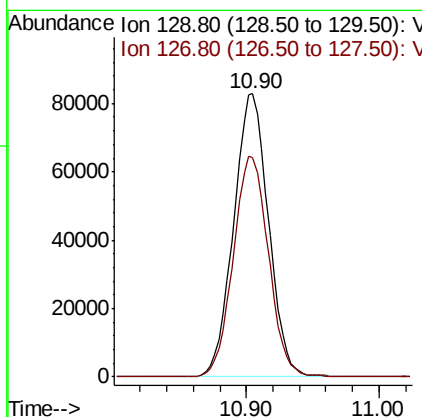
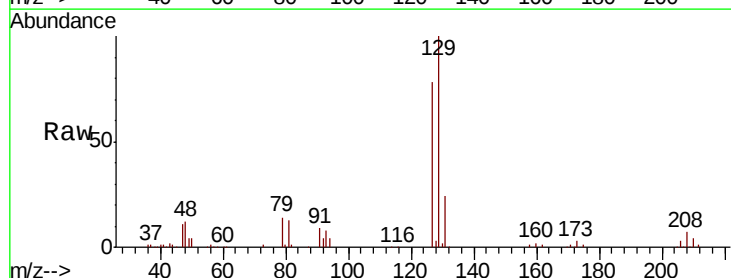
Instrument :
MSVOA_N
ClientSampled :
VN0828WBSD02

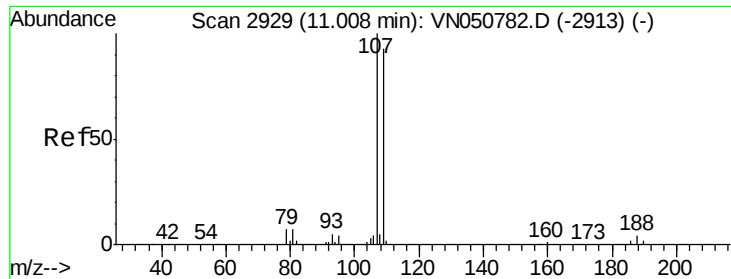
Tot Ion: 43 Resp: 417102
Ion Ratio Lower Upper
43 100
58 57.8 28.3 85.0



#60
Dibromochloromethane
Concen: 20.02 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 129 Resp: 151282
Ion Ratio Lower Upper
129 100
127 78.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.75 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

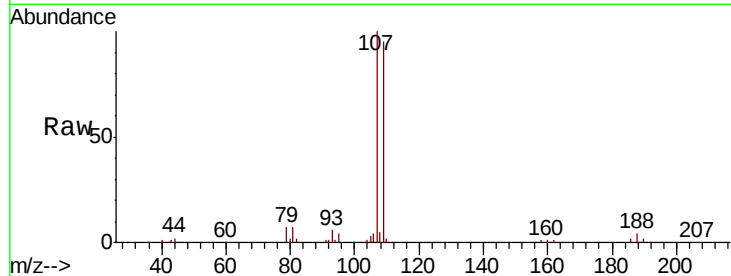
VN0828WBSD02

Tot Ion:107 Resp: 135359

Ion Ratio Lower Upper

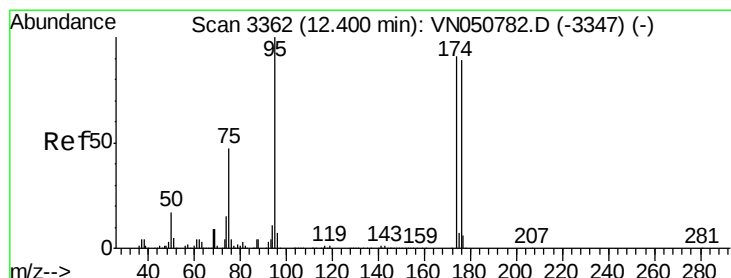
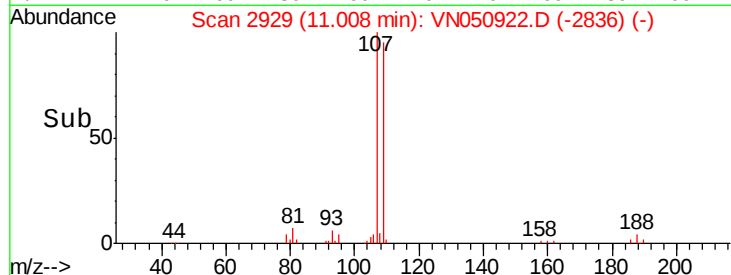
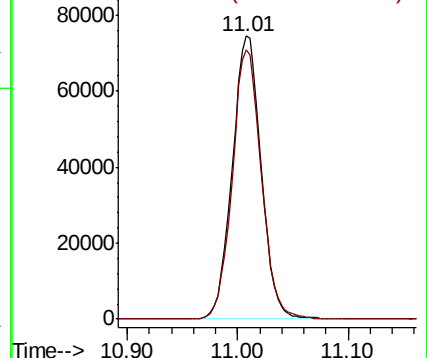
107 100

109 95.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

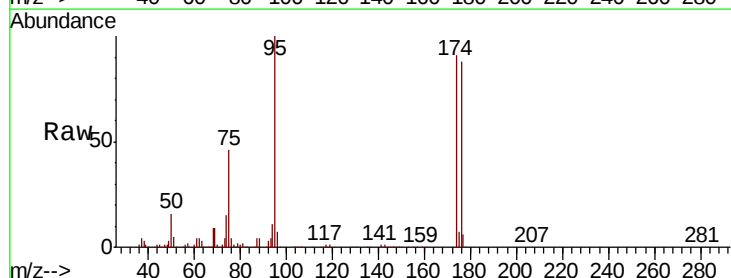
Tgt Ion: 95 Resp: 414487

Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.0

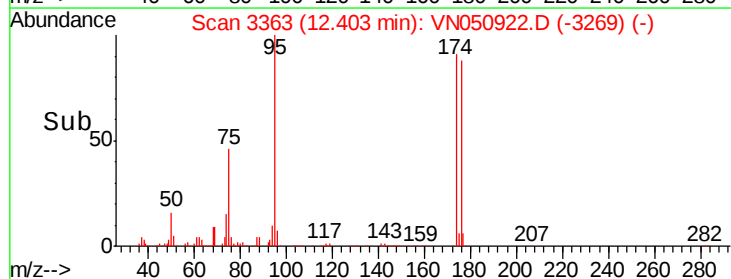
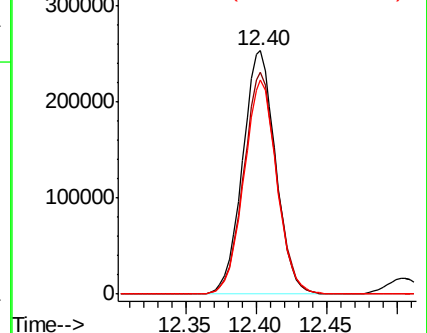
176 87.6 0.0 178.8

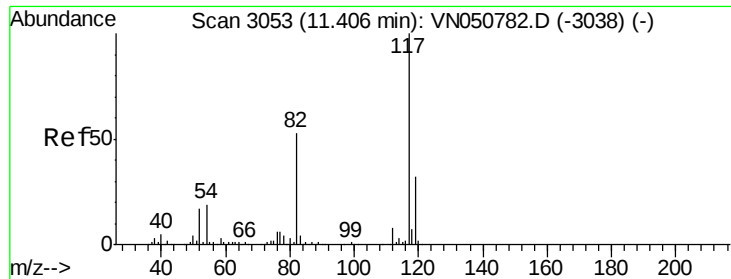


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

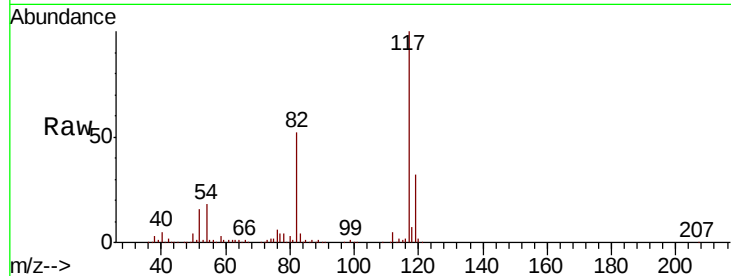




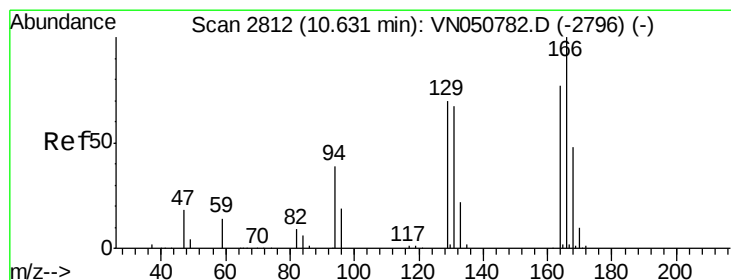
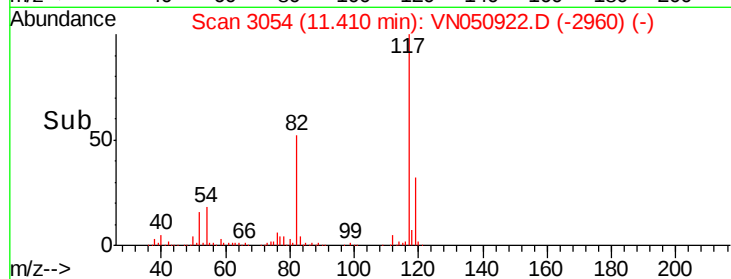
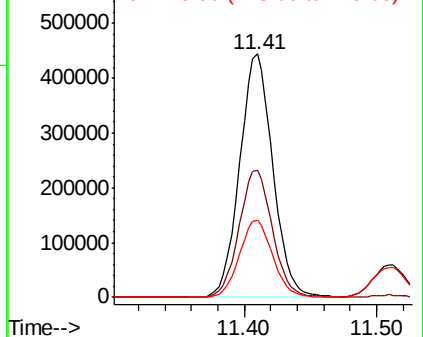
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tot Ion:117 Resp: 770013
Ion Ratio Lower Upper
117 100
82 52.2 42.6 64.0
119 31.8 25.8 38.6

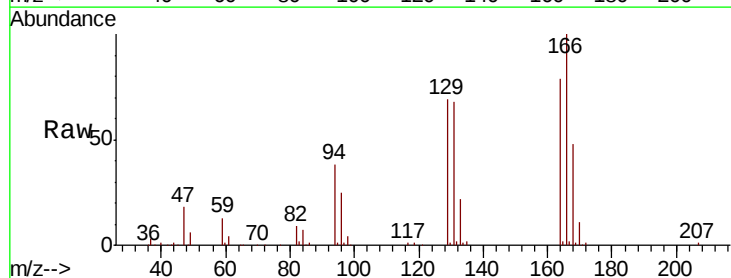


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

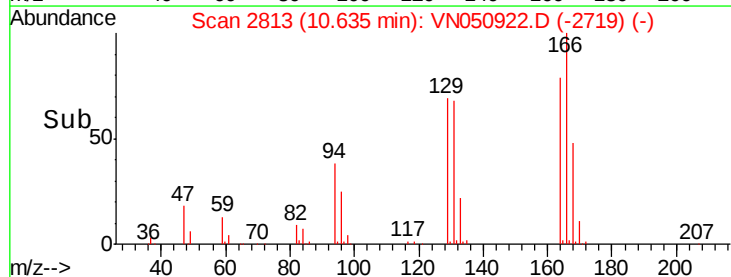
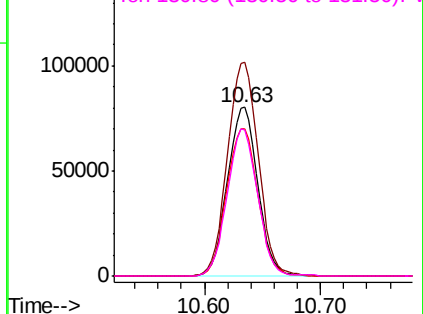


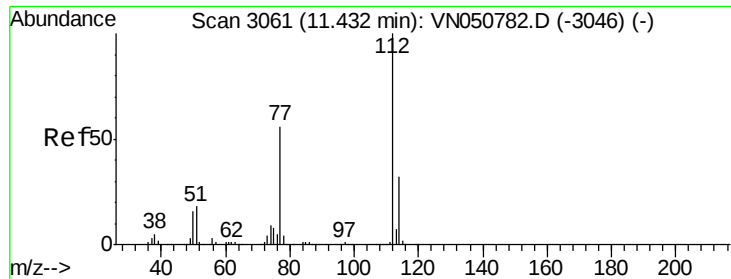
#64
Tetrachloroethene
Concen: 19.84 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion:164 Resp: 145106
Ion Ratio Lower Upper
164 100
166 126.4 103.5 155.3
129 87.4 72.7 109.1
131 86.2 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

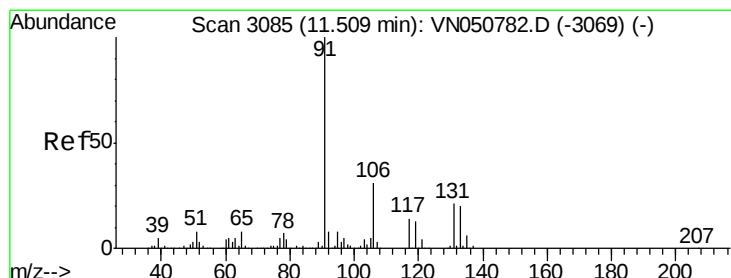
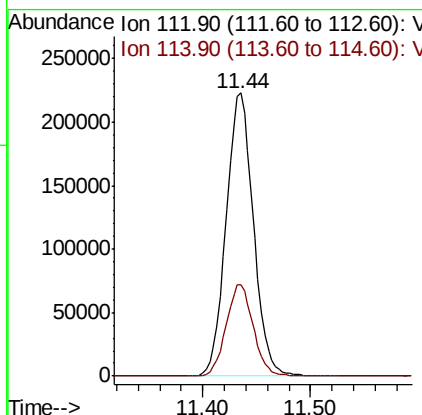
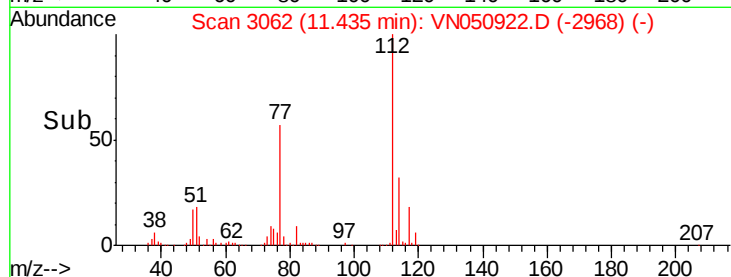
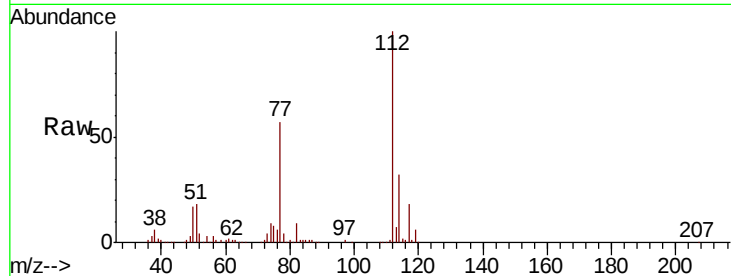




#65
Chlorobenzene
Concen: 19.52 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

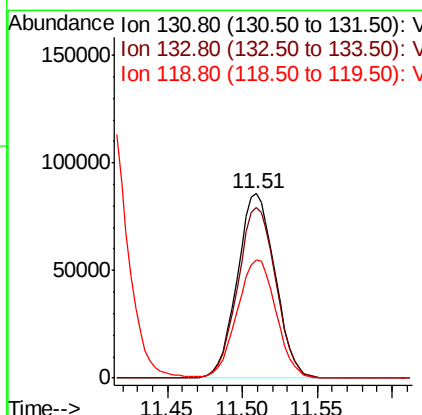
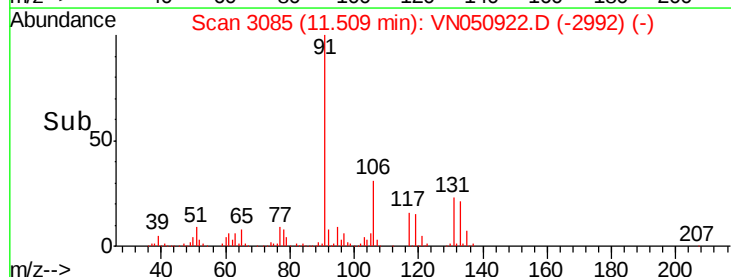
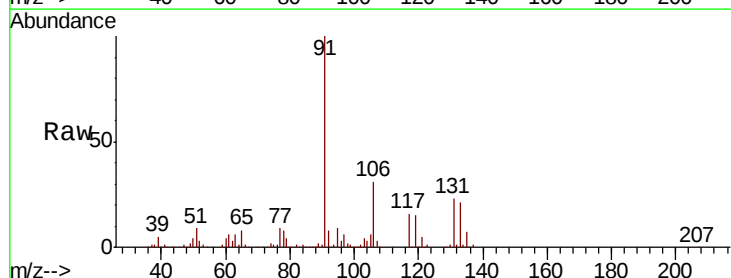
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

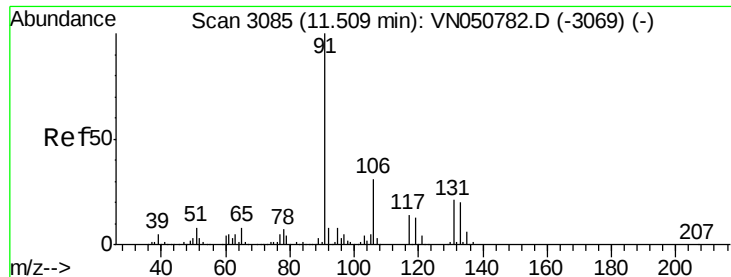
Tot Ion:112 Resp: 392928
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.47 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion:131 Resp: 150720
Ion Ratio Lower Upper
131 100
133 93.6 47.4 142.3
119 66.0 32.8 98.4





#67

Ethyl Benzene

Concen: 20.11 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleID :

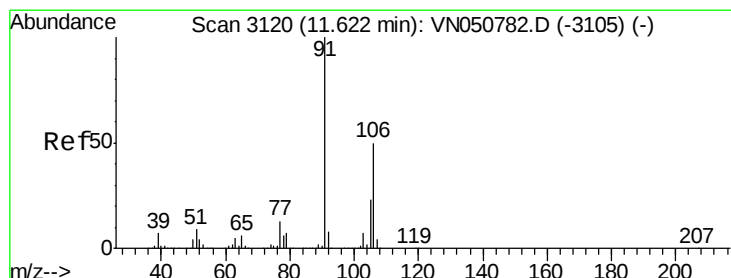
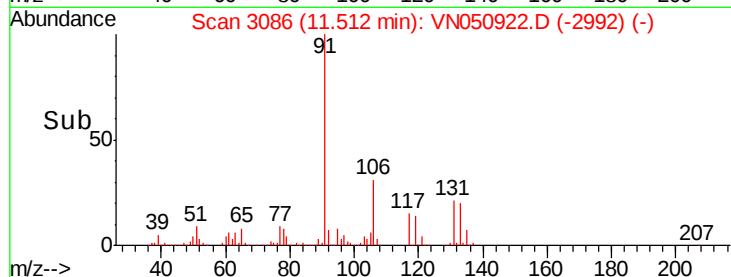
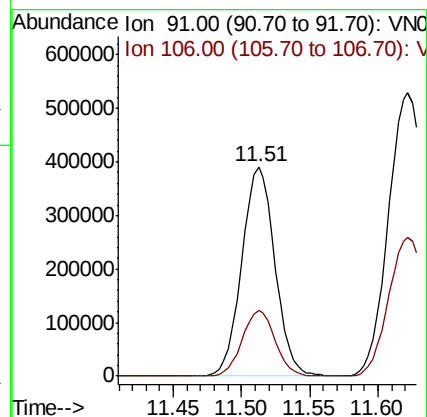
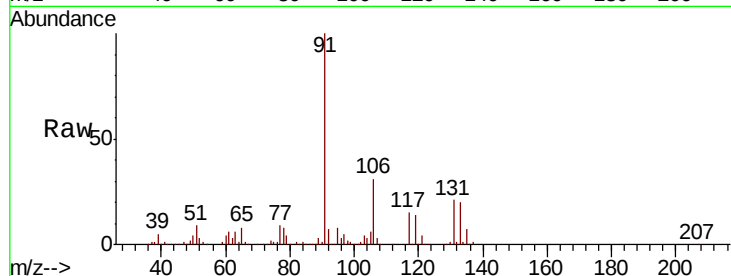
VN0828WBSD02

Tot Ion: 91 Resp: 658163

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 41.02 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050922.D

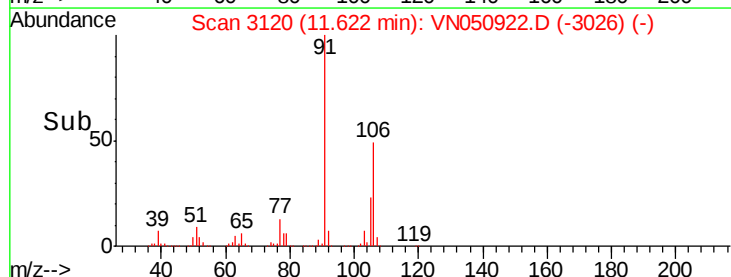
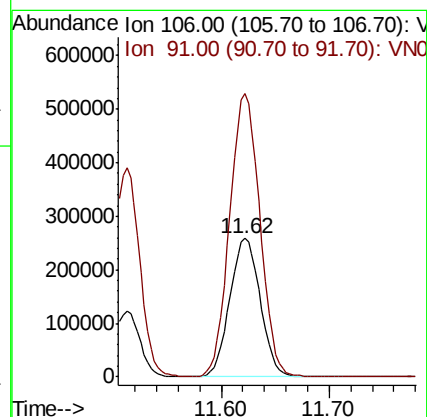
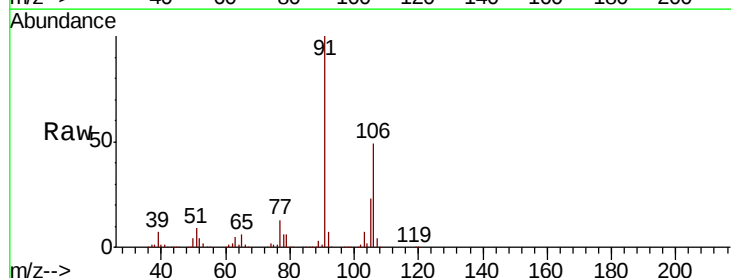
Acq: 28 Aug 2018 19:03

Tgt Ion: 106 Resp: 509422

Ion Ratio Lower Upper

106 100

91 202.7 161.0 241.6

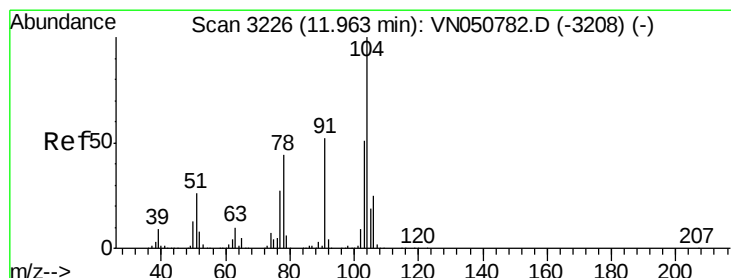
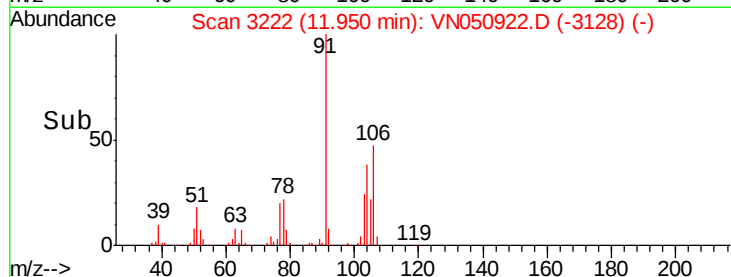
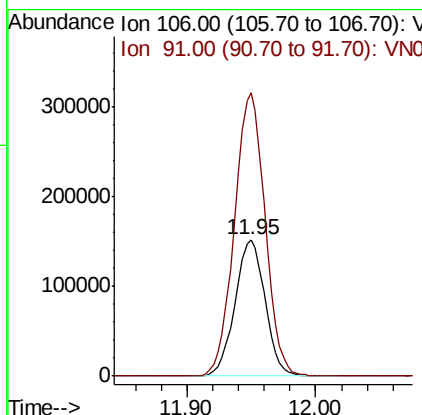
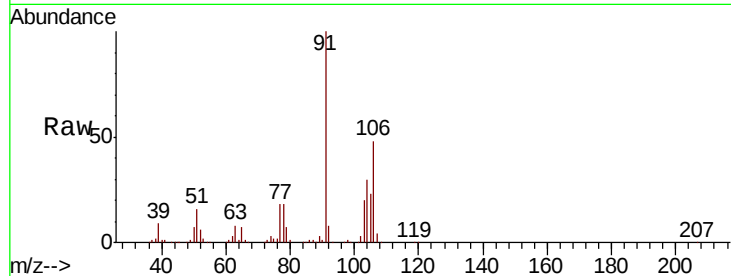




#69
o-Xylene
Concen: 20.66 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

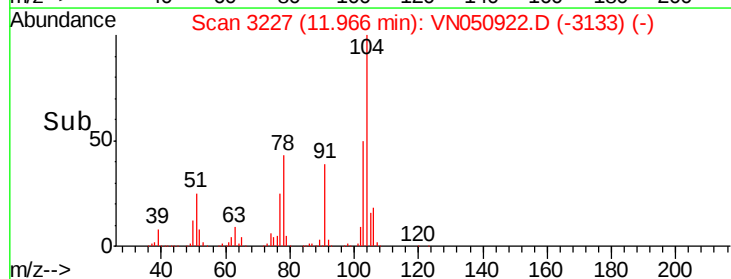
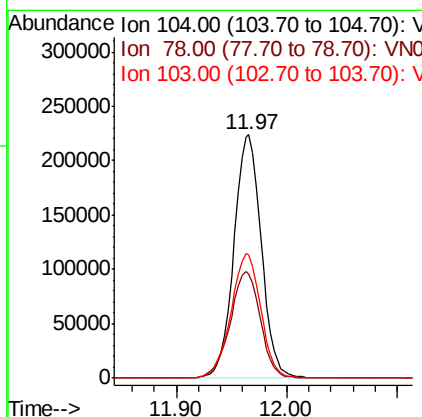
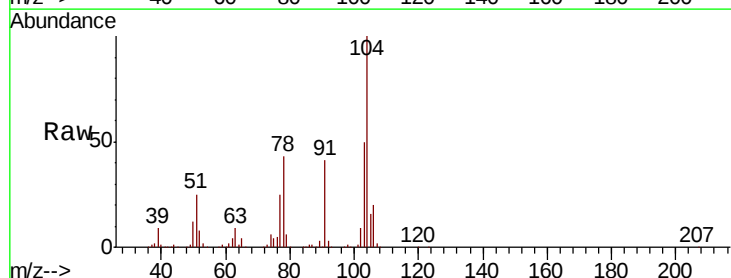
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

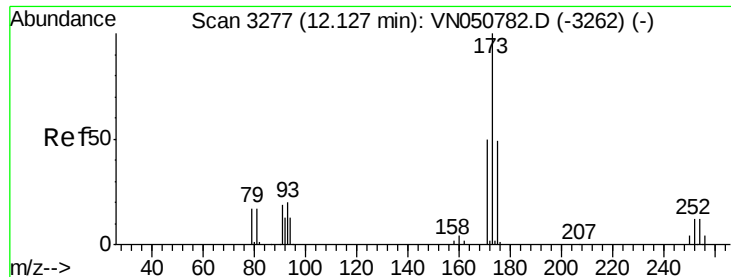
Tot Ion:106 Resp: 246665
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.5



#70
Styrene
Concen: 19.09 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion:104 Resp: 384700
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 55.8 44.4 66.6





#71

Bromoform

Concen: 21.29 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

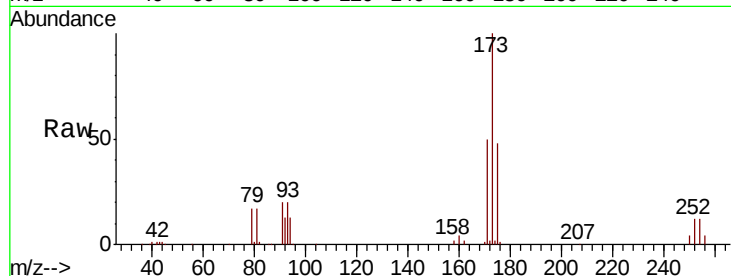
Tot Ion:173 Resp: 107797

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

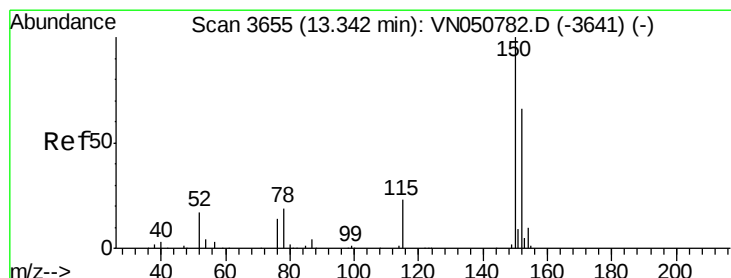
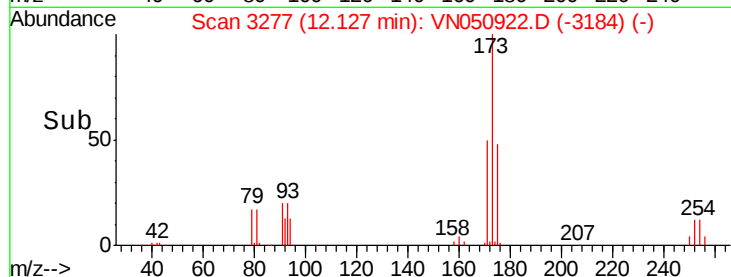
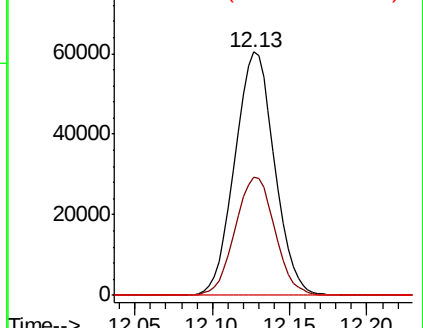
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

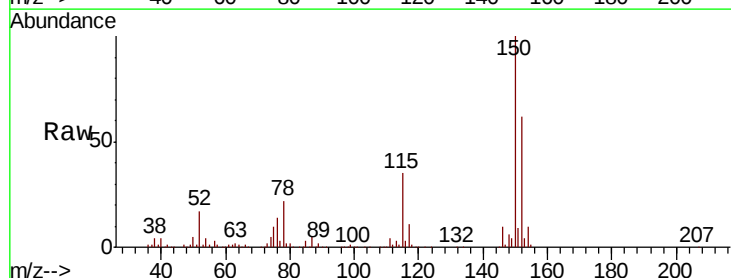
Tgt Ion:152 Resp: 362449

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.4

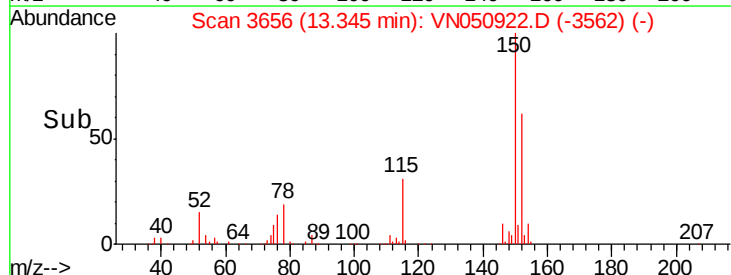
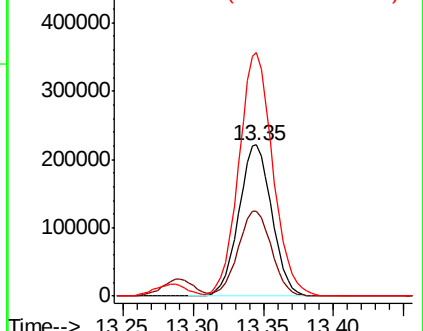
150 166.4 0.0 351.4

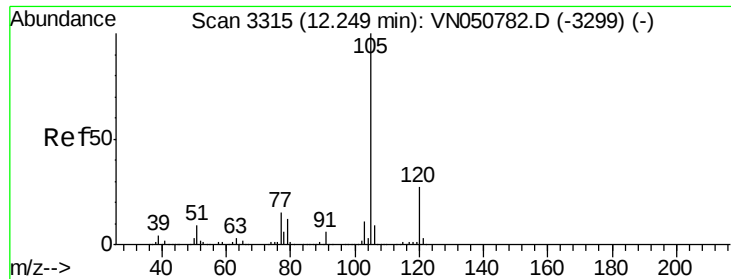


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

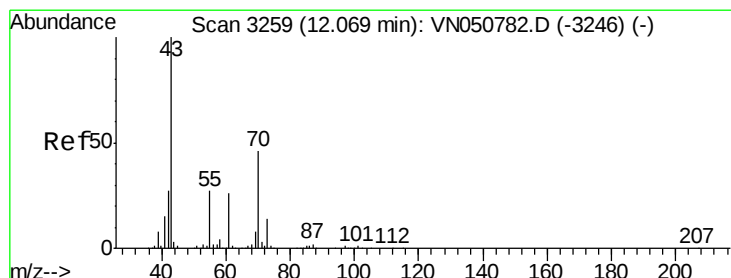
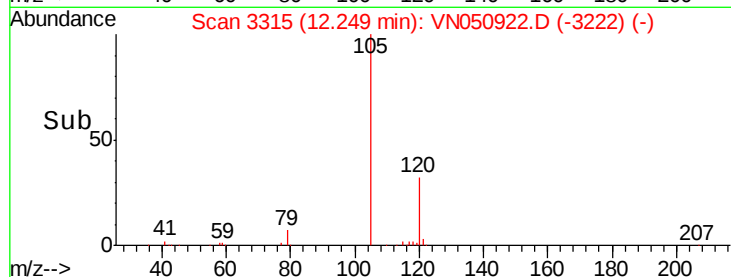
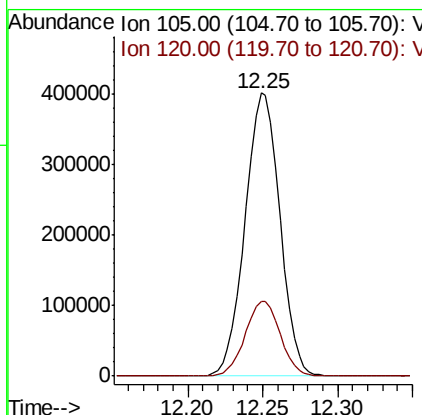
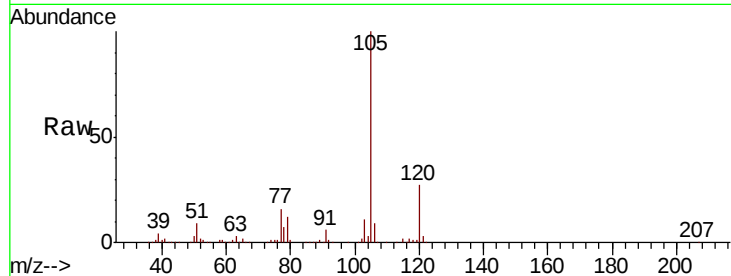




#73
Isopropylbenzene
Concen: 21.70 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

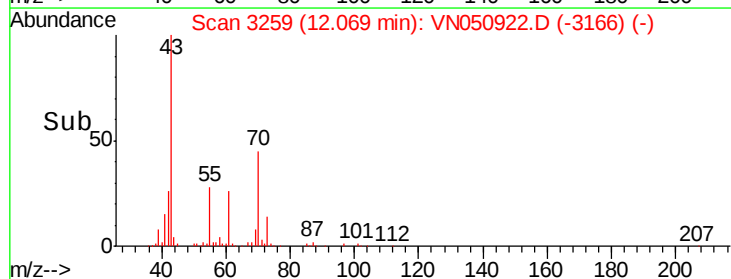
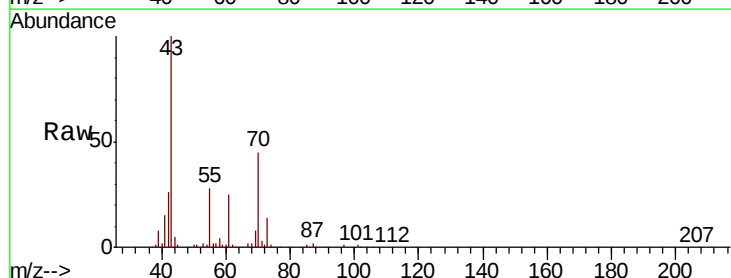
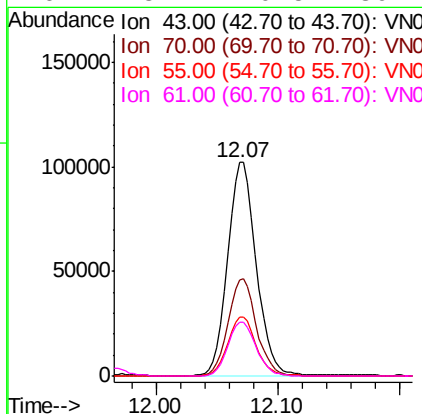
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

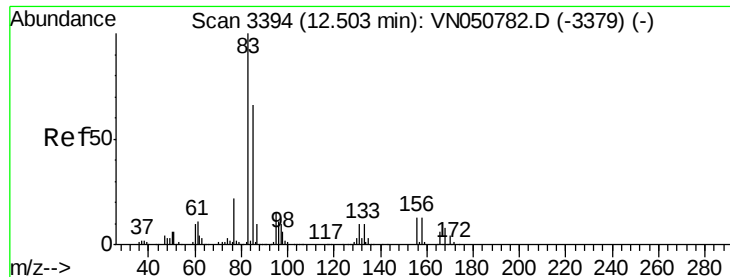
Tot Ion:105 Resp: 651390
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 22.21 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 43 Resp: 167506
Ion Ratio Lower Upper
43 100
70 45.2 36.2 54.2
55 27.7 21.8 32.8
61 25.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 24.36 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

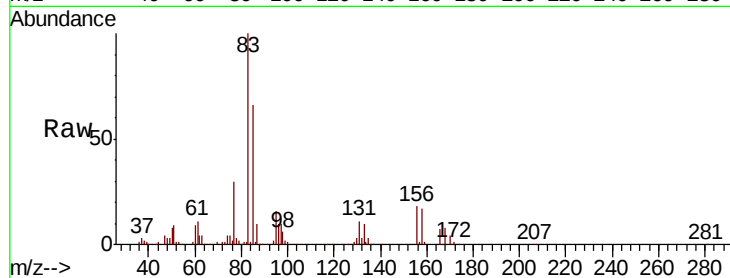
Tot Ion: 83 Resp: 180284

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

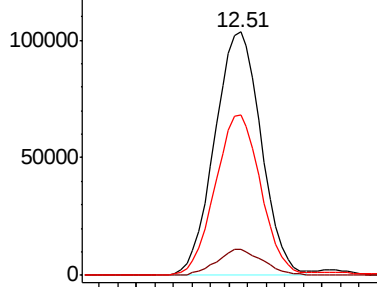
85 65.3 31.9 95.7



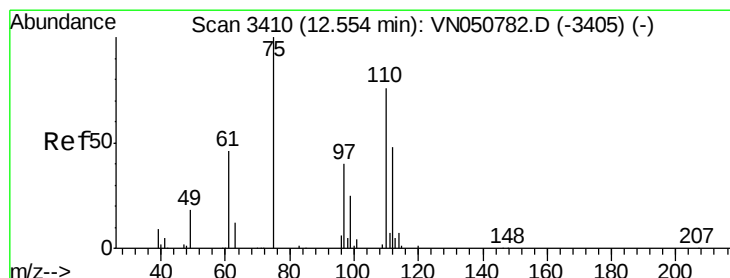
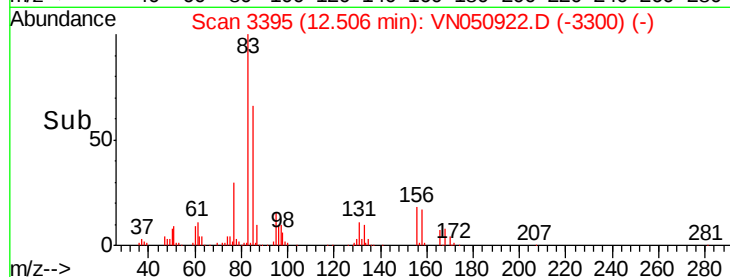
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 31.85 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050922.D

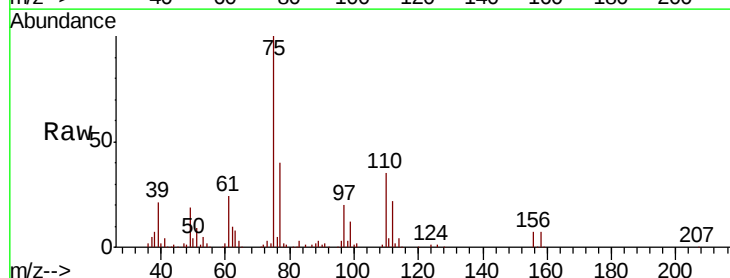
Acq: 28 Aug 2018 19:03

Tgt Ion: 75 Resp: 202185

Ion Ratio Lower Upper

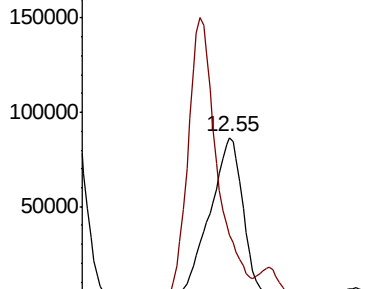
75 100

77 0.0 0.0 0.0

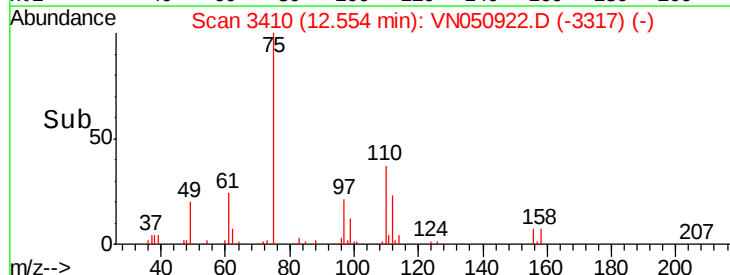


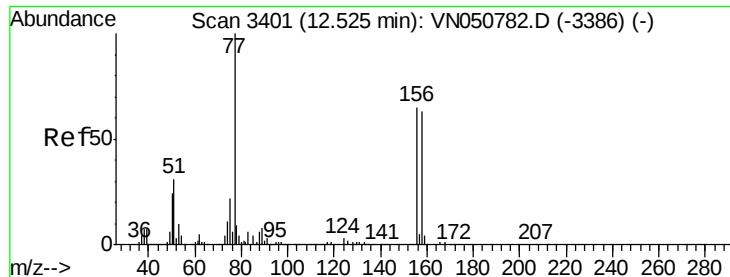
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 20.70 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

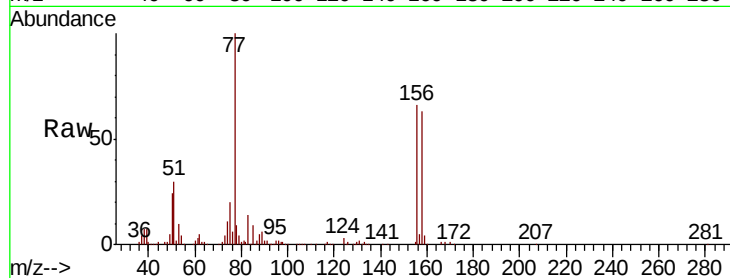
Tot Ion:156 Resp: 168826

Ion Ratio Lower Upper

156 100

77 179.5 89.9 269.7

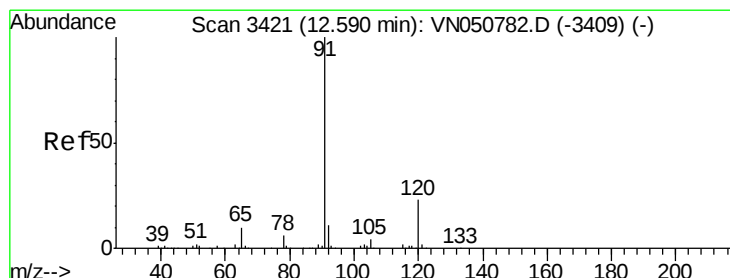
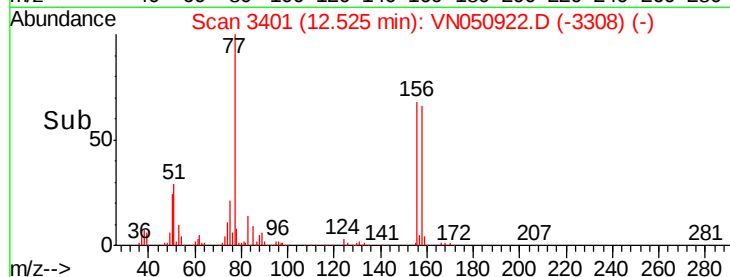
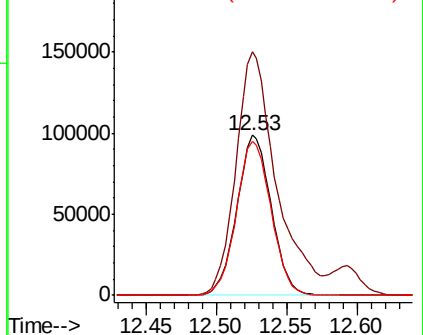
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.39 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050922.D

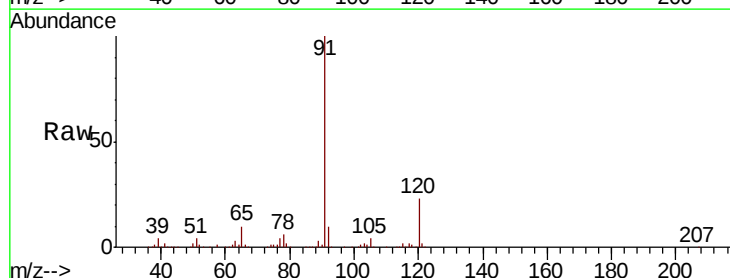
Acq: 28 Aug 2018 19:03

Tgt Ion: 91 Resp: 717094

Ion Ratio Lower Upper

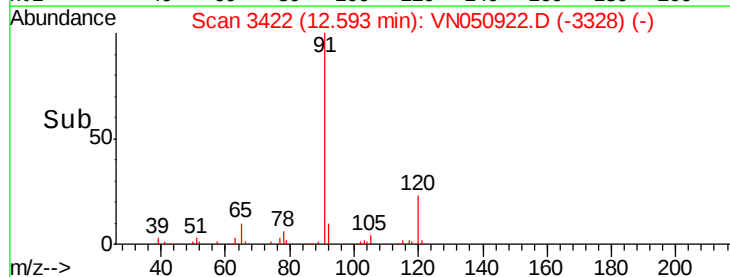
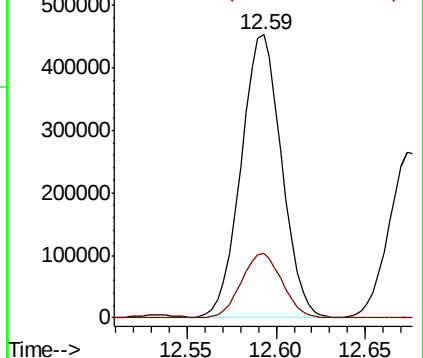
91 100

120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.12 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

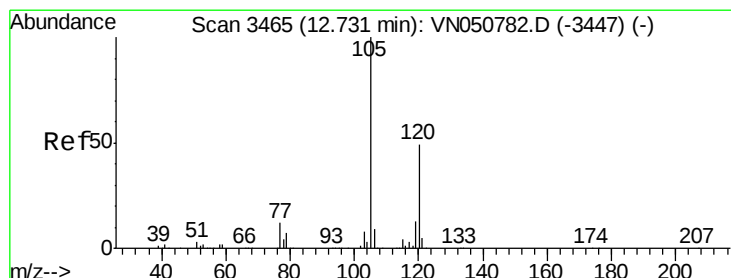
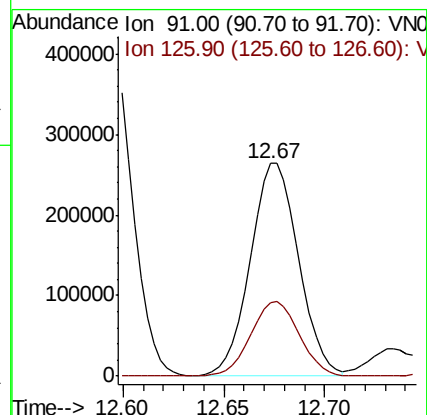
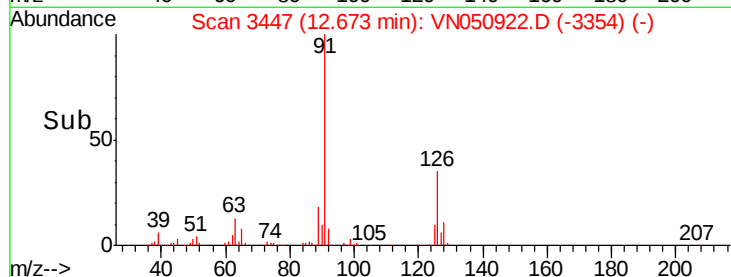
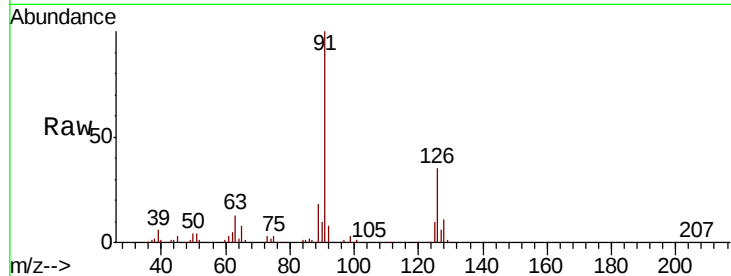
VN0828WBSD02

Tot Ion: 91 Resp: 440979

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.98 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050922.D

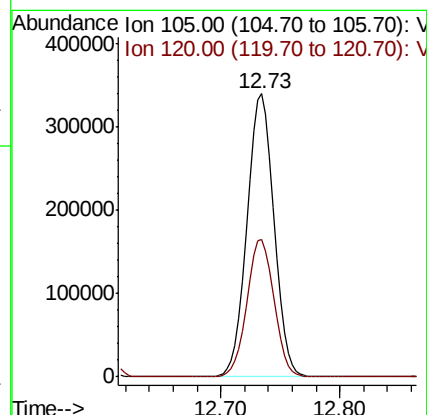
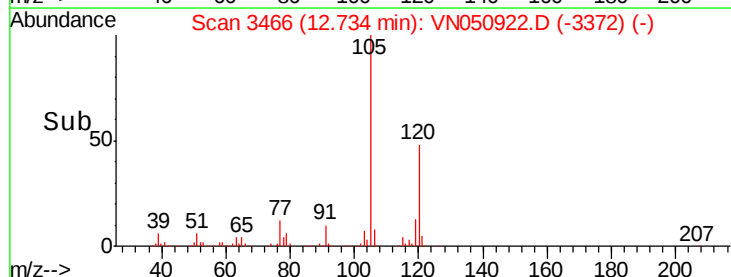
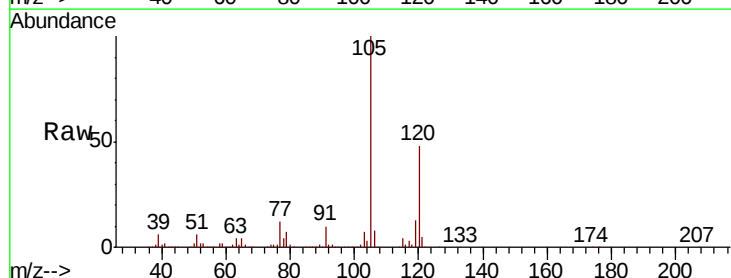
Acq: 28 Aug 2018 19:03

Tgt Ion: 105 Resp: 532281

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.56 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

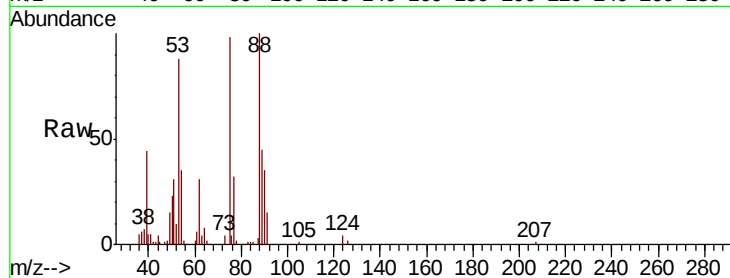
Tot Ion: 75 Resp: 38617

Ion Ratio Lower Upper

75 100

53 92.2 68.9 103.3

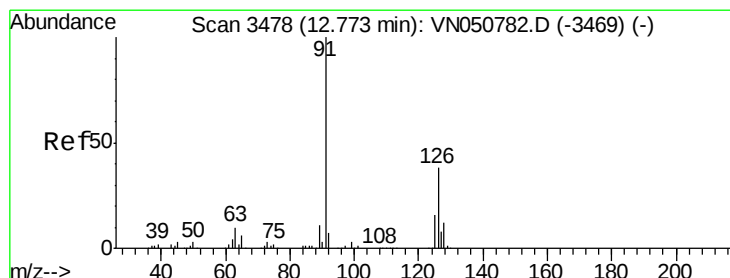
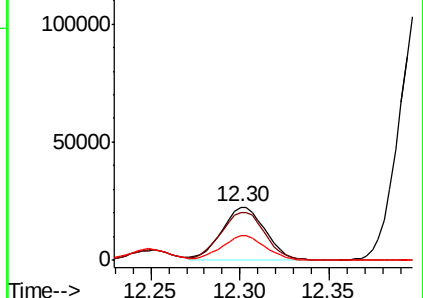
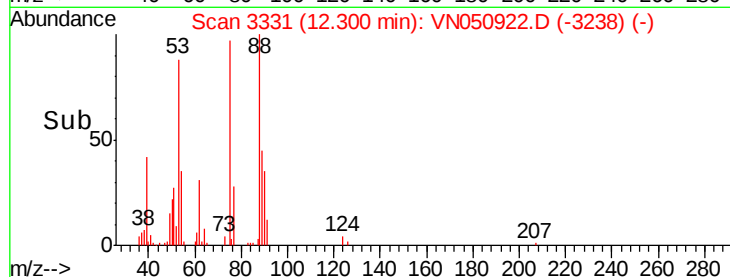
89 46.4 36.1 54.1



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: 21.00 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050922.D

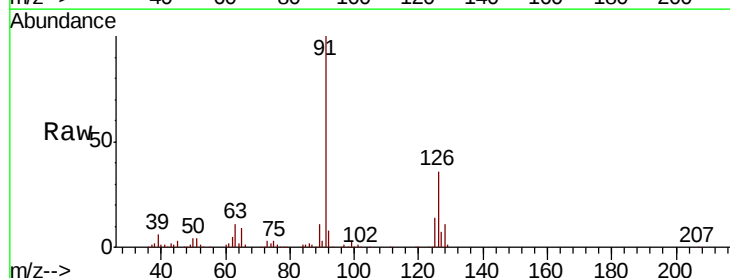
Acq: 28 Aug 2018 19:03

Tgt Ion: 91 Resp: 433047

Ion Ratio Lower Upper

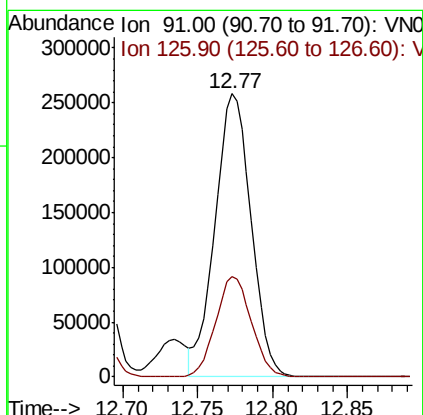
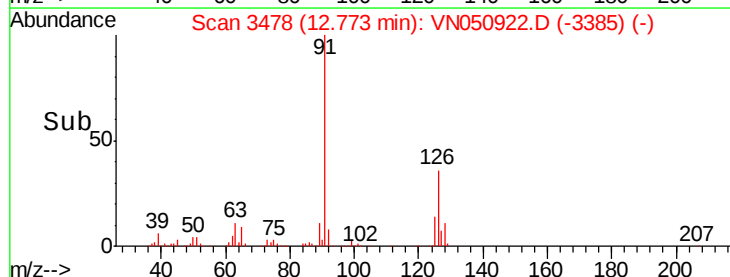
91 100

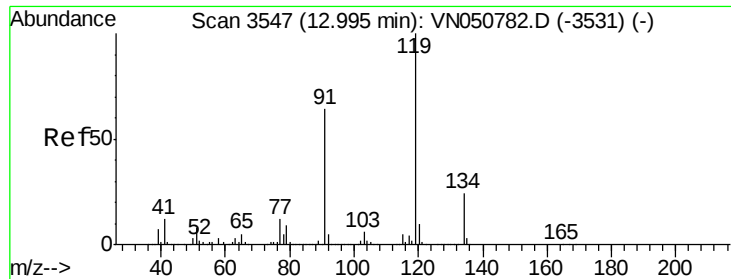
126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

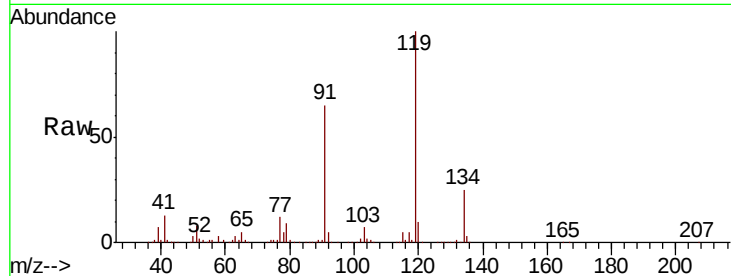




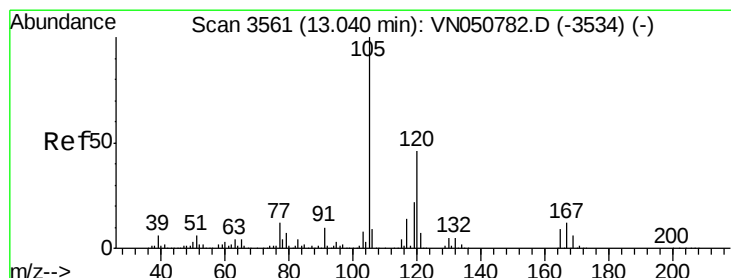
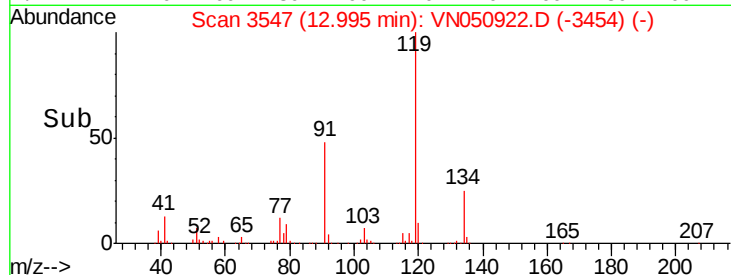
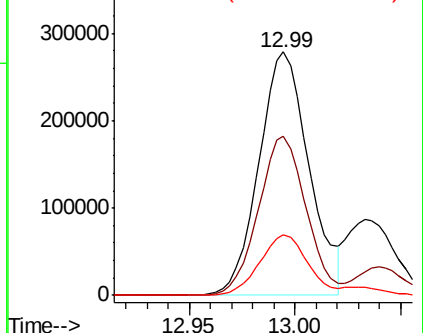
#83
 tert-Butylbenzene
 Concen: 22.03 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

Tot Ion:119 Resp: 461995
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.6 94.7
 134 24.2 13.4 40.1

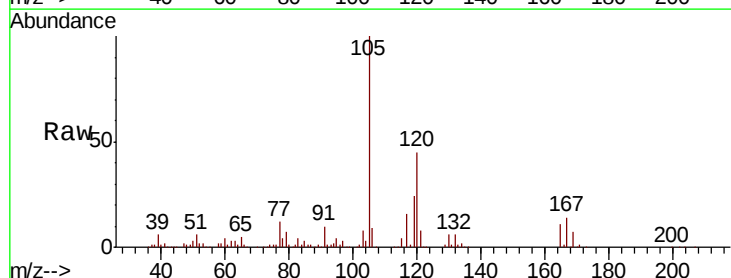


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

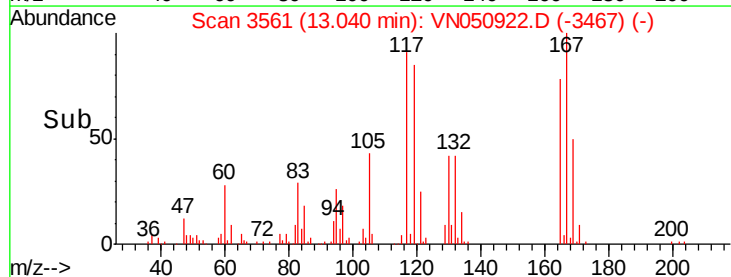
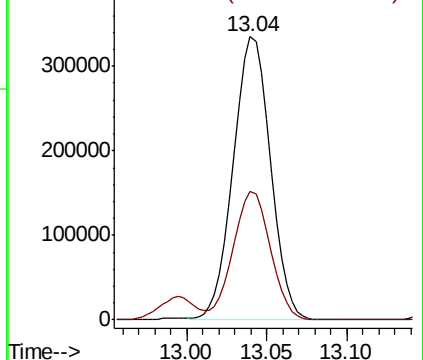


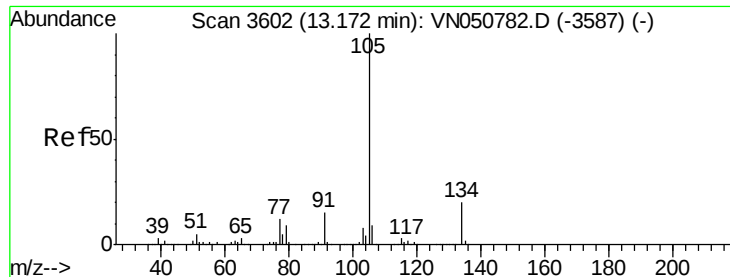
#84
 1,2,4-Trimethylbenzene
 Concen: 21.70 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050922.D
 Acq: 28 Aug 2018 19:03

Tgt Ion:105 Resp: 528655
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.73 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

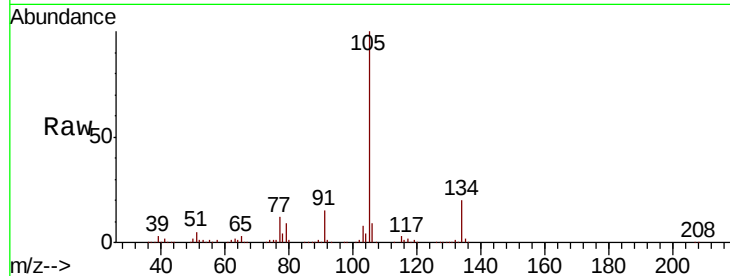
VN0828WBSD02

Tot Ion:105 Resp: 597183

Ion Ratio Lower Upper

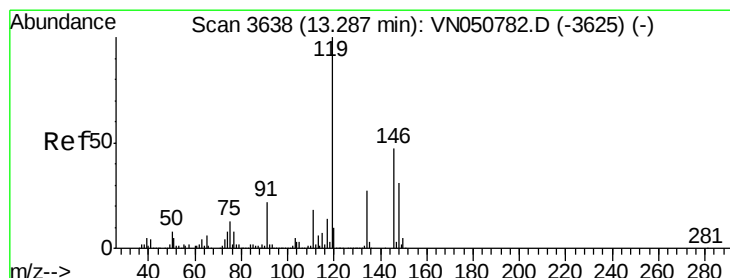
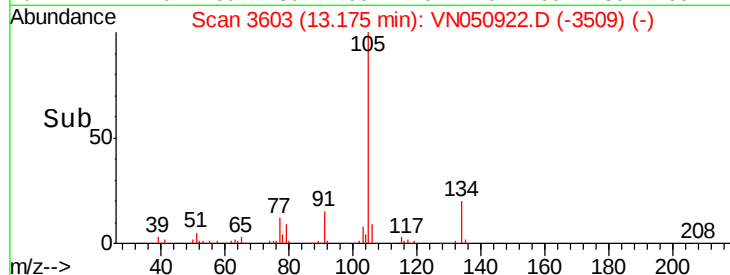
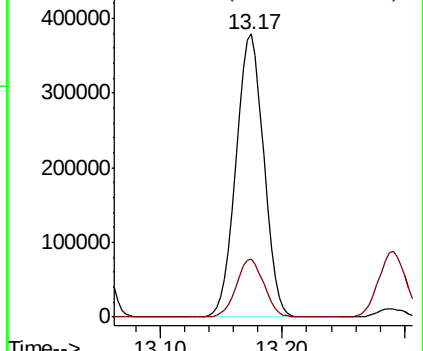
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.71 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

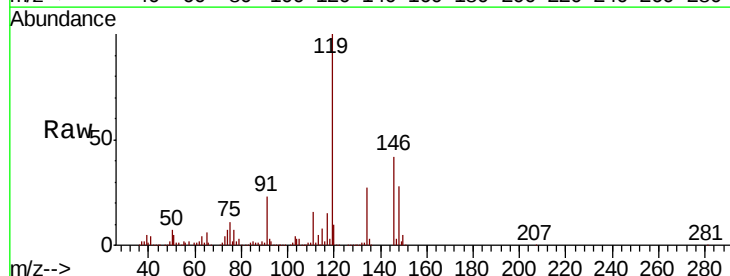
Tgt Ion:119 Resp: 508413

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

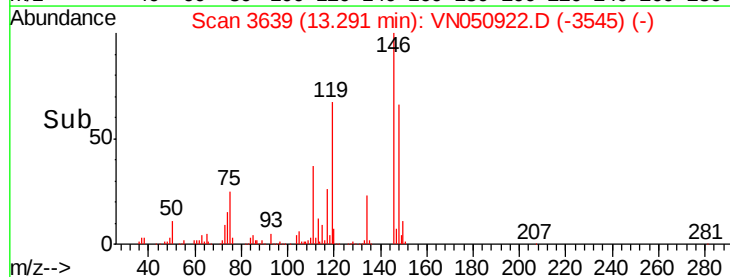
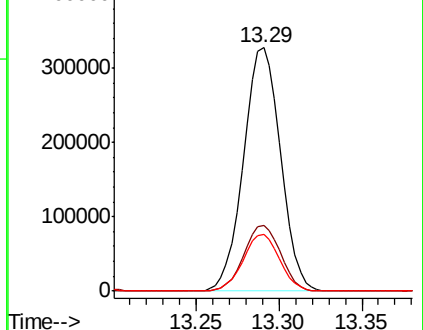
91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.99 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

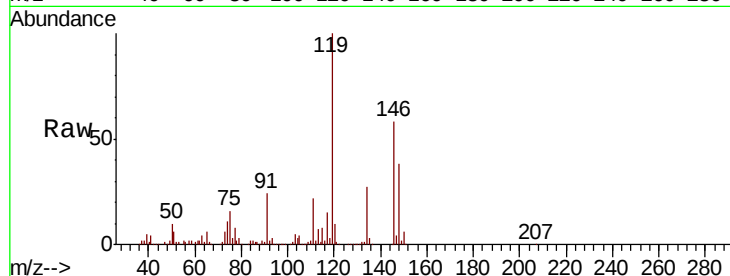
Tot Ion:146 Resp: 276667

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.3

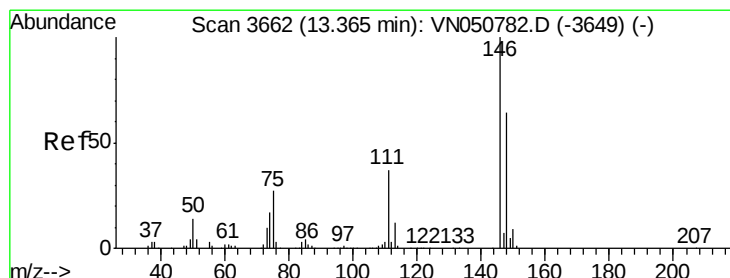
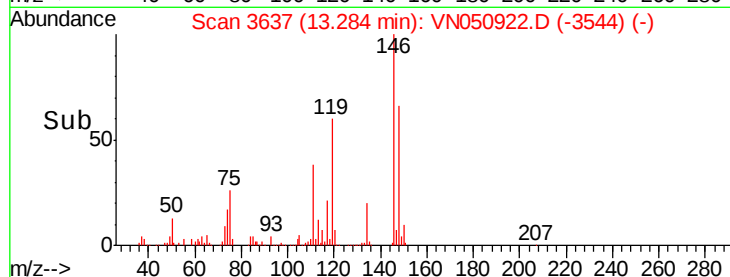
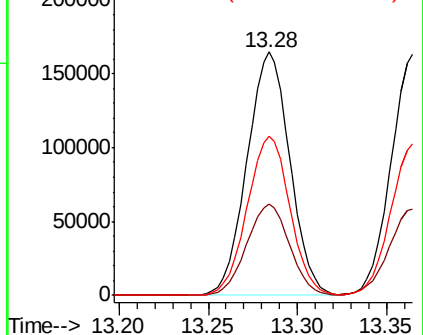
148 65.2 32.2 96.6



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: 19.72 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

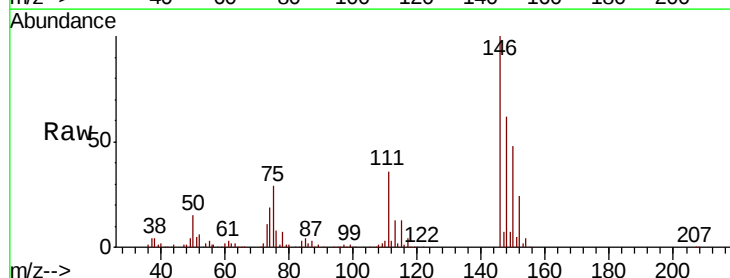
Tgt Ion:146 Resp: 268638

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

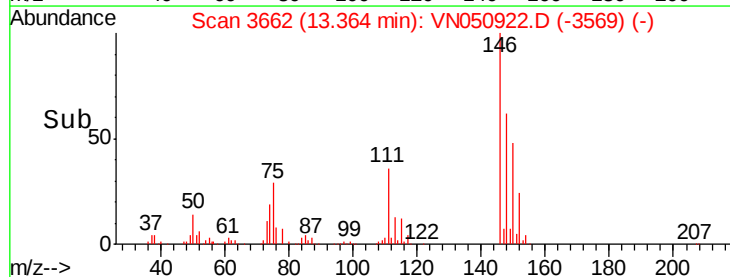
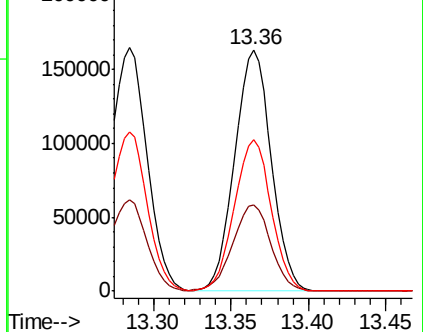
148 63.2 32.2 96.6

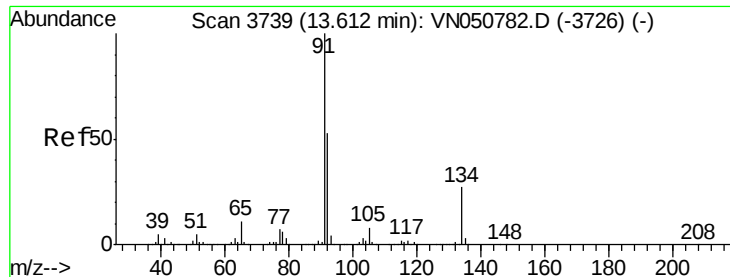


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

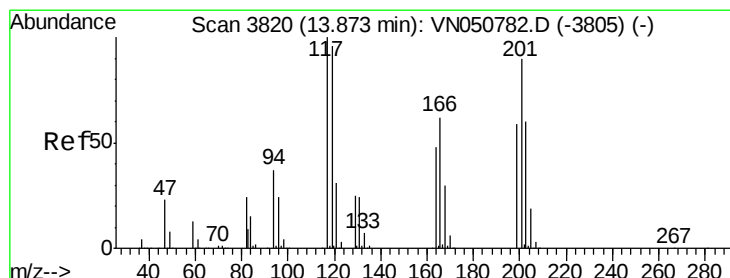
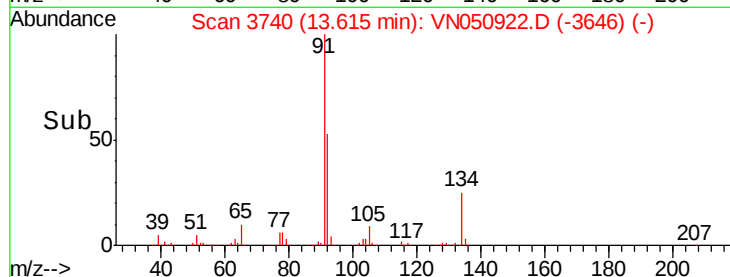
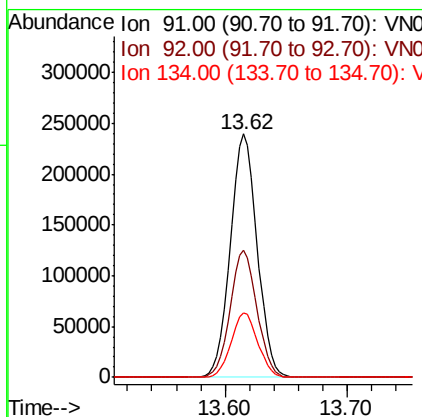
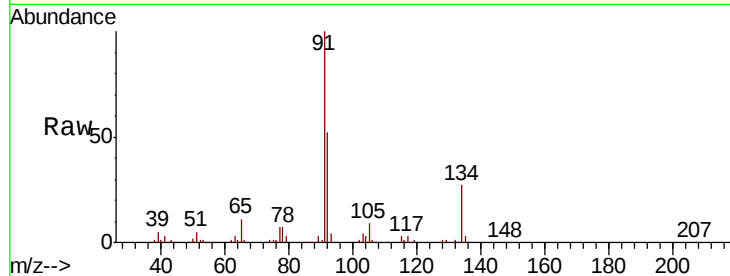




#89
n-Butylbenzene
Concen: 19.62 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

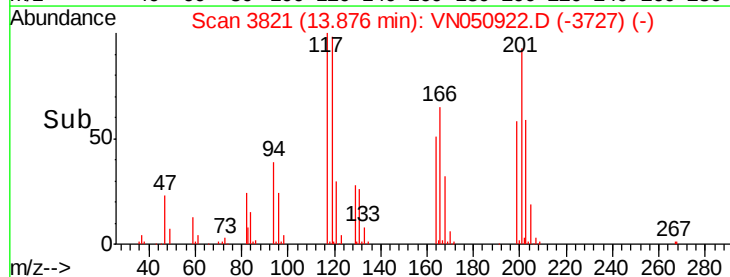
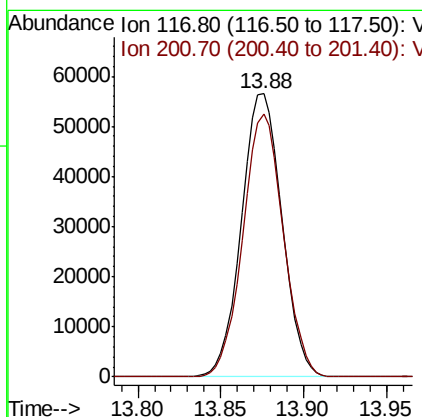
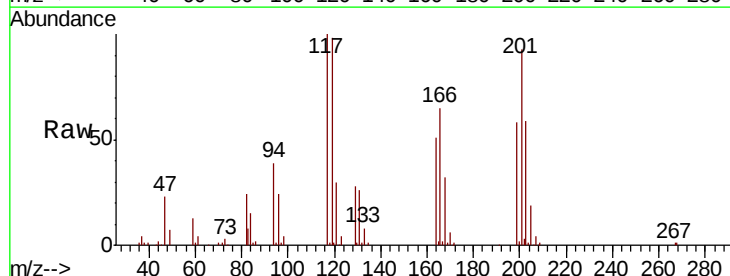
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

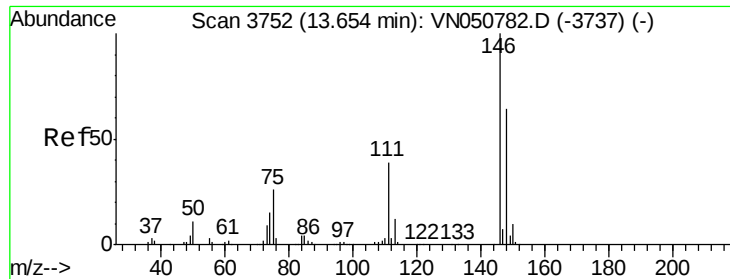
Tot Ion: 91 Resp: 367360
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 21.71 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion: 117 Resp: 96438
Ion Ratio Lower Upper
117 100
201 92.1 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 20.52 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

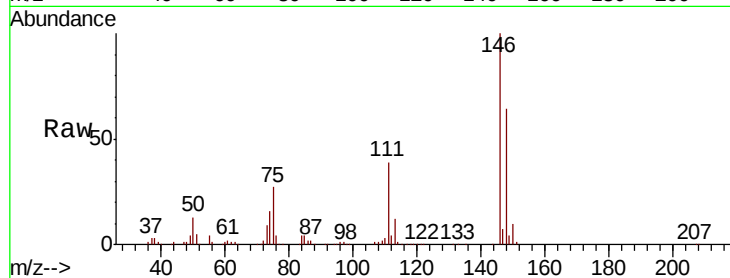
Tot Ion:146 Resp: 274075

Ion Ratio Lower Upper

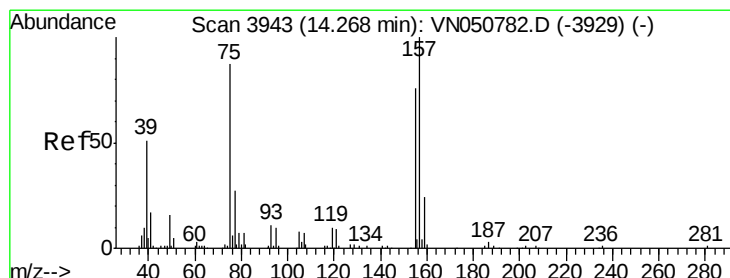
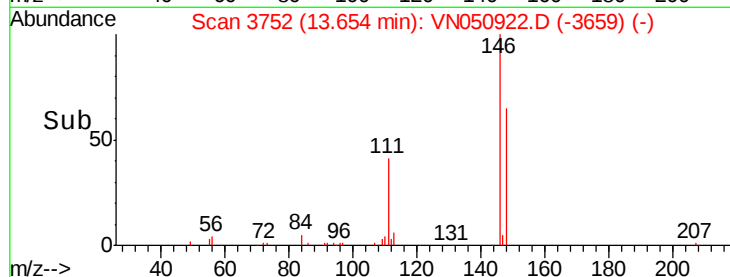
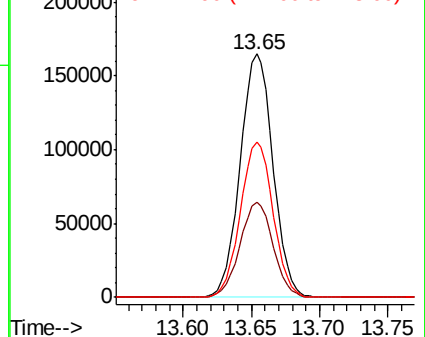
146 100

111 39.5 19.8 59.3

148 63.6 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.35 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

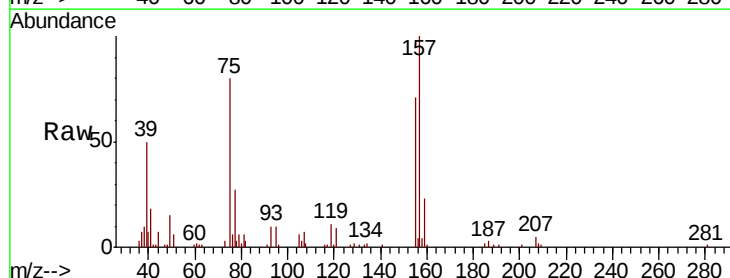
Tgt Ion: 75 Resp: 24093

Ion Ratio Lower Upper

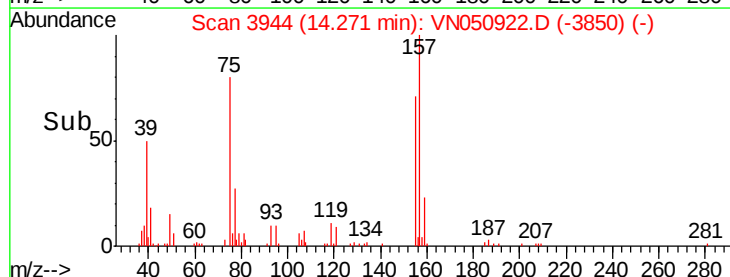
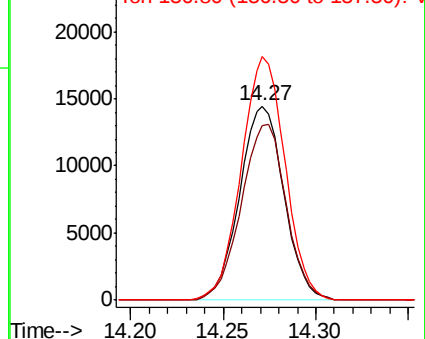
75 100

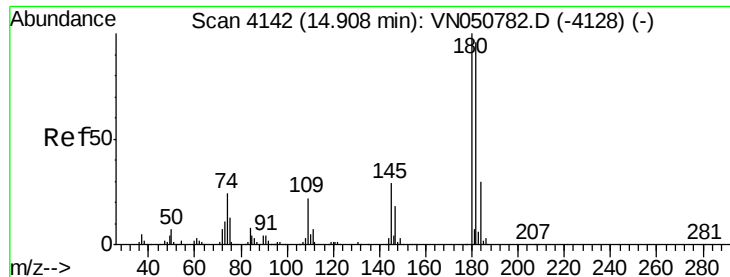
155 91.4 46.4 139.1

157 124.0 60.7 182.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.22 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD02

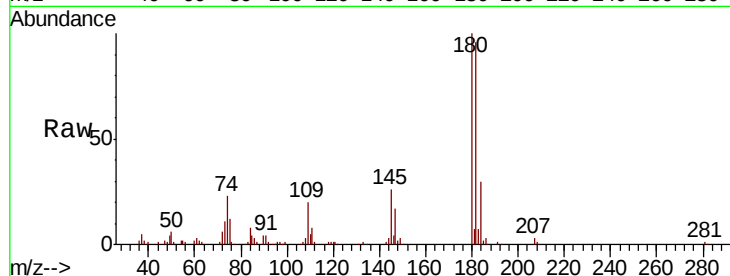
Tot Ion:180 Resp: 106976

Ion Ratio Lower Upper

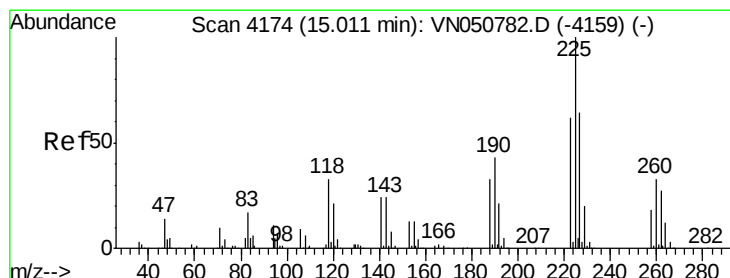
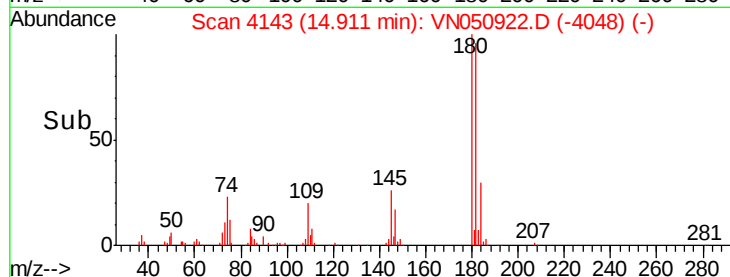
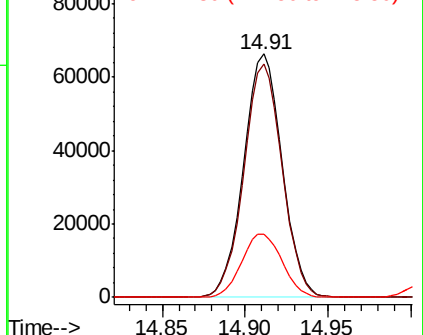
180 100

182 95.5 48.2 144.6

145 27.3 14.1 42.2



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



#94

Hexachlorobutadiene

Concen: 20.57 ug/l

RT: 15.01 min Scan# 4174

Delta R.T. 0.00 min

Lab File: VN050922.D

Acq: 28 Aug 2018 19:03

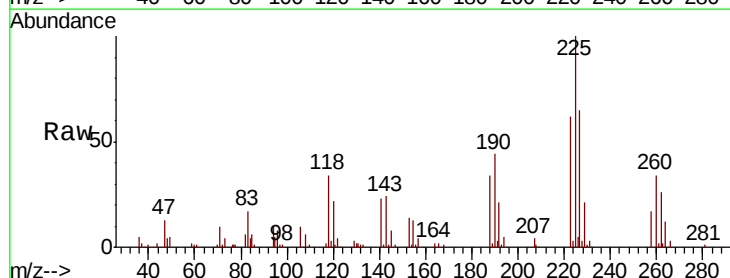
Tgt Ion:225 Resp: 84028

Ion Ratio Lower Upper

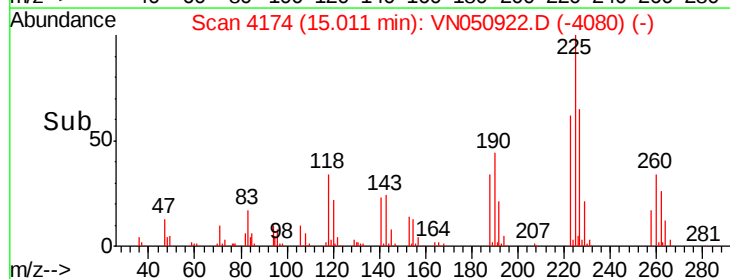
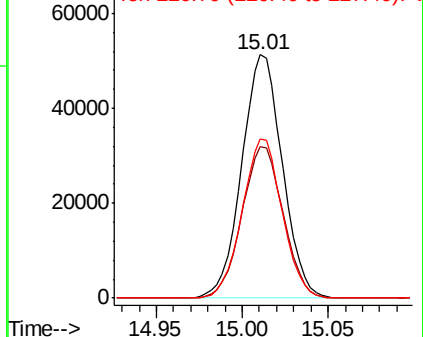
225 100

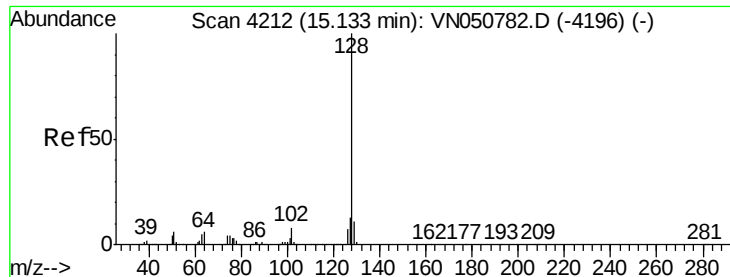
223 63.3 31.3 93.8

227 64.3 32.0 96.2



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

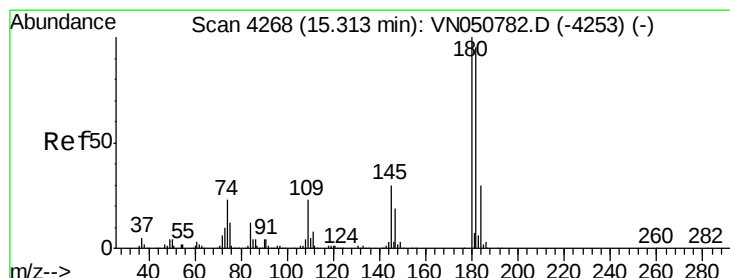
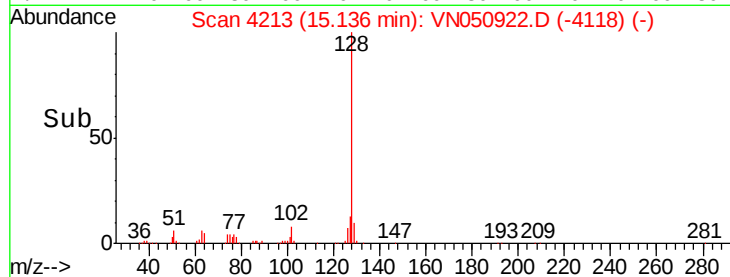
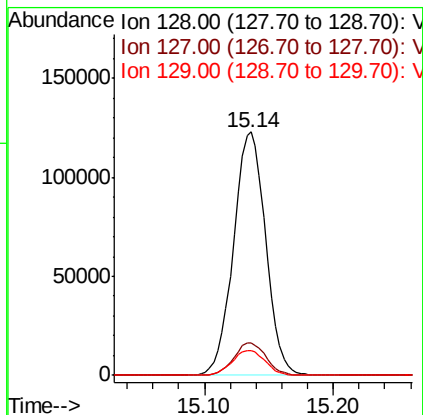
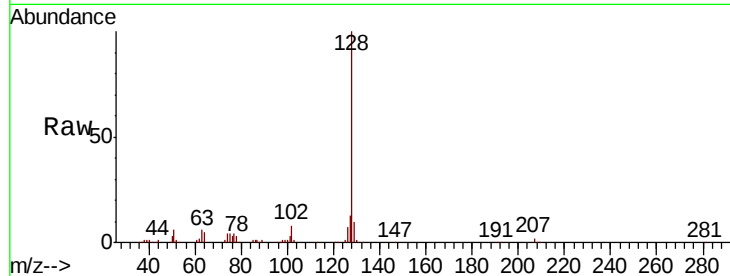




#95
Naphthalene
Concen: 18.52 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD02

Tot Ion:128 Resp: 212941
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.41 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050922.D
Acq: 28 Aug 2018 19:03

Tgt Ion:180 Resp: 112337
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.2
145 30.1 15.2 45.6

