

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049890.D
 Acq On : 18 Jul 2018 23:41
 Operator : MD\SY
 Sample : VN0718WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:06:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	420385	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	370427	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1347168	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	441364	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	109466	19.56	ug/l	97
3) Chloromethane	2.06	50	149268	18.61	ug/l	98
4) Vinyl Chloride	2.18	62	165828	19.39	ug/l	99
5) Bromomethane	2.56	94	103728	20.57	ug/l	98
6) Chloroethane	2.70	64	105878	18.95	ug/l	100
7) Trichlorofluoromethane	3.01	101	224614	19.10	ug/l	98
8) Diethyl Ether	3.41	74	81916	19.97	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	135607	18.70	ug/l	99
10) Methyl Iodide	3.95	142	180686	18.58	ug/l	98
11) Tert butyl alcohol	4.81	59	58550	101.78	ug/l	99
12) 1,1-Dichloroethene	3.73	96	121698	19.11	ug/l	99
13) Acrolein	3.61	56	33143	89.41	ug/l	91
14) Allyl chloride	4.32	41	193963	19.32	ug/l	99
15) Acrylonitrile	4.99	53	263262	104.06	ug/l	99
16) Acetone	3.82	43	193634	92.62	ug/l	100
17) Carbon Disulfide	4.05	76	348963	18.31	ug/l	97
18) Methyl Acetate	4.33	43	150804	22.50	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	362082	20.66	ug/l	99
20) Methylene Chloride	4.55	84	149313	18.78	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	132215	19.55	ug/l	99
22) Diisopropyl ether	5.96	45	435833	21.27	ug/l	99
23) Vinyl Acetate	5.90	43	1486533	103.40	ug/l	99
24) 1,1-Dichloroethane	5.85	63	264557	20.11	ug/l	99
25) 2-Butanone	6.84	43	302957	101.39	ug/l	100
26) 2,2-Dichloropropane	6.82	77	174155	17.02	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	151342	20.39	ug/l	97
28) Bromochloromethane	7.19	49	116927	19.68	ug/l	98
29) Tetrahydrofuran	7.22	42	204254	108.52	ug/l	100
30) Chloroform	7.37	83	269829	19.98	ug/l	98
31) Cyclohexane	7.65	56	210696	19.68	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	228371	19.57	ug/l	99
36) 1,1-Dichloropropene	7.79	75	191679	19.22	ug/l	99
37) Ethyl Acetate	6.94	43	136701	19.96	ug/l	99
38) Carbon Tetrachloride	7.77	117	201123	18.83	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	185850	18.04	ug/l	97
40) Benzene	8.04	78	590093	19.42	ug/l	99
41) Methacrylonitrile	7.21	41	197973	57.67	ug/l #	20
42) 1,2-Dichloroethane	8.13	62	198332	19.70	ug/l	99
43) Isopropyl Acetate	8.17	43	265330	22.18	ug/l	98
44) Trichloroethene	8.84	130	152272	19.11	ug/l	98
45) 1,2-Dichloropropane	9.12	63	156101	19.04	ug/l	100
46) Dibromomethane	9.21	93	98162	19.31	ug/l	98
47) Bromodichloromethane	9.40	83	207219	19.71	ug/l	99
48) Methyl methacrylate	9.20	41	117751	19.62	ug/l	98
49) 1,4-Dioxane	9.20	88	33605	394.76	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	697795	104.35	ug/l	99
52) Toluene	10.16	92	362598	20.00	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196630	18.91	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	221213	19.25	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143202	19.12	ug/l	99
56) Ethyl methacrylate	10.43	69	174576	18.77	ug/l	98
57) 1,3-Dichloropropane	10.71	76	232886	19.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	416088	104.29	ug/l	100
59) 2-Hexanone	10.75	43	461229	102.68	ug/l	98
60) Dibromochloromethane	10.90	129	156374	19.04	ug/l	99
61) 1,2-Dibromoethane	11.01	107	136968	19.57	ug/l	98
64) Tetrachloroethene	10.63	164	140379	19.59	ug/l	99
65) Chlorobenzene	11.44	112	390094	19.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151217	19.49	ug/l	99
67) Ethyl Benzene	11.51	91	639285	19.67	ug/l	100
68) m/p-Xylenes	11.62	106	503275	40.91	ug/l	98
69) o-Xylene	11.95	106	239109	20.24	ug/l	98
70) Styrene	11.97	104	391444	20.45	ug/l	99
71) Bromoform	12.13	173	112104	20.20	ug/l #	98
73) Isopropylbenzene	12.25	105	636284	20.42	ug/l	100
74) N-amyl acetate	12.07	43	194230	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	188970	20.24	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	220360	28.63	ug/l #	100
77) Bromobenzene	12.53	156	169952	19.75	ug/l	97
78) n-propylbenzene	12.59	91	726374	20.50	ug/l	99
79) 2-Chlorotoluene	12.68	91	448462	20.61	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	521441	20.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46259	18.80	ug/l	95
82) 4-Chlorotoluene	12.77	91	453898	20.80	ug/l	99
83) tert-Butylbenzene	12.99	119	450492	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	536399	21.20	ug/l	100
85) sec-Butylbenzene	13.17	105	599864	20.69	ug/l	100
86) p-Isopropyltoluene	13.29	119	510494	20.66	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294592	19.65	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	290277	19.31	ug/l	100
89) n-Butylbenzene	13.62	91	395928	19.40	ug/l	99
90) Hexachloroethane	13.88	117	102599	18.50	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	295843	20.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29253	20.28	ug/l	98

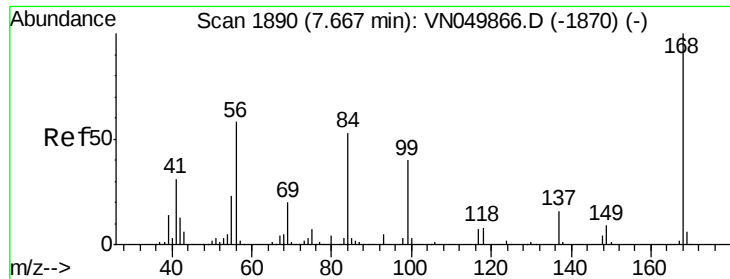
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136694	19.12	ug/l	100
94) Hexachlorobutadiene	15.01	225	89878	18.60	ug/l	99
95) Naphthalene	15.14	128	300913	18.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	140822	19.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

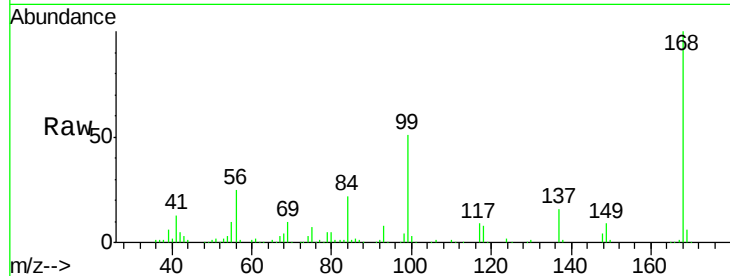
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 587497

Ion Ratio Lower Upper

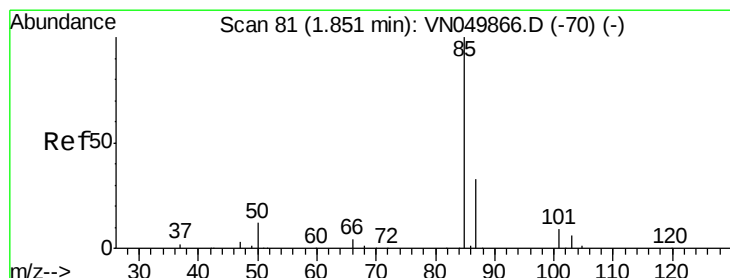
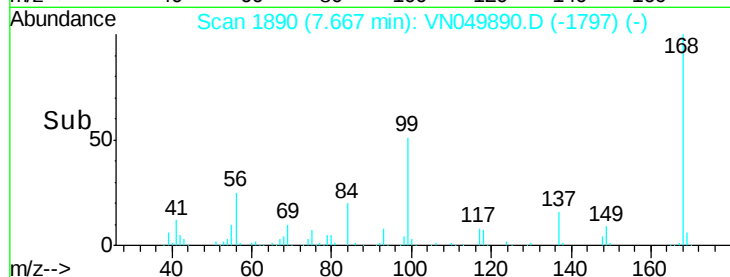
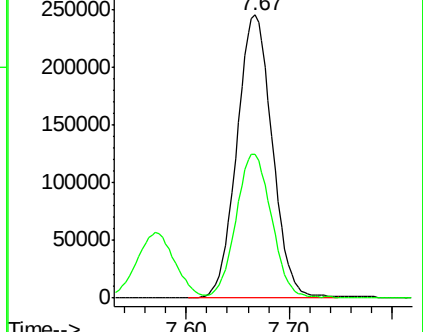
168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.56 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049890.D

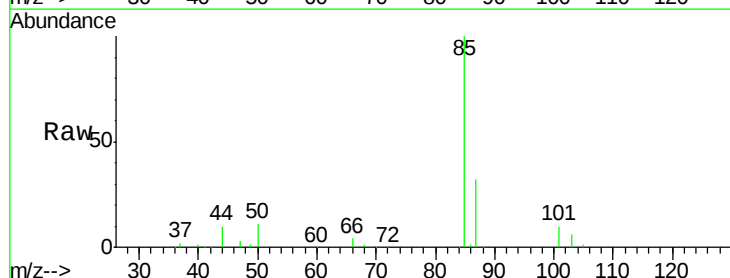
Acq: 18 Jul 2018 23:41

Tgt Ion: 85 Resp: 109466

Ion Ratio Lower Upper

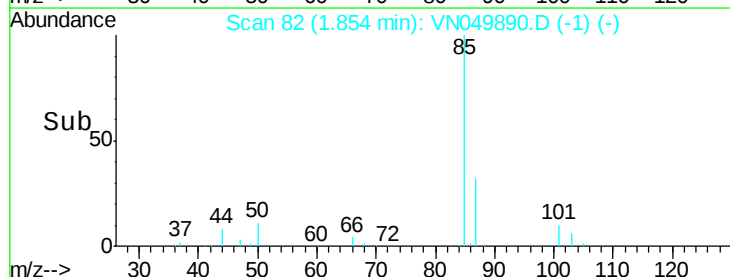
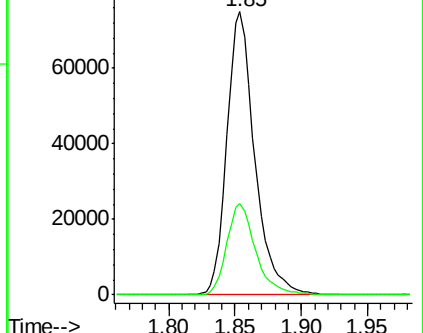
85 100

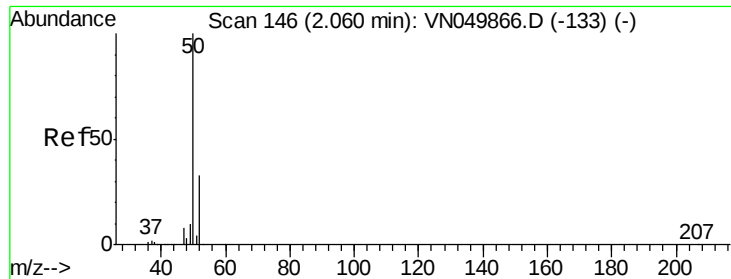
87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.61 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

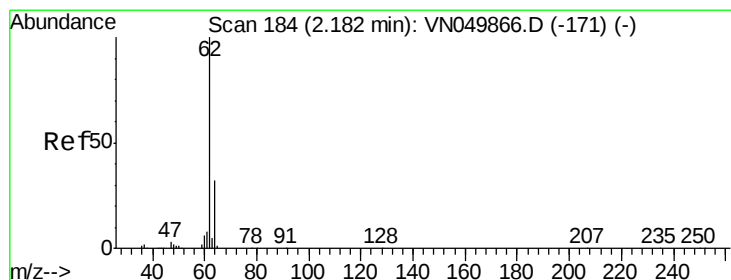
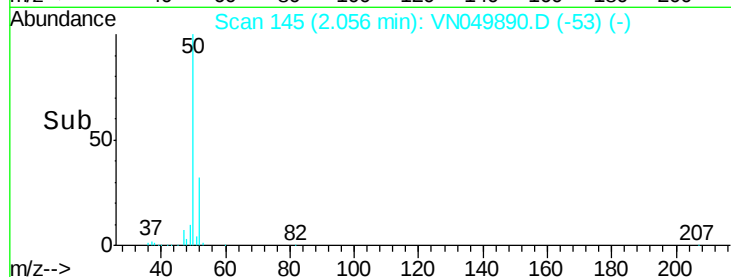
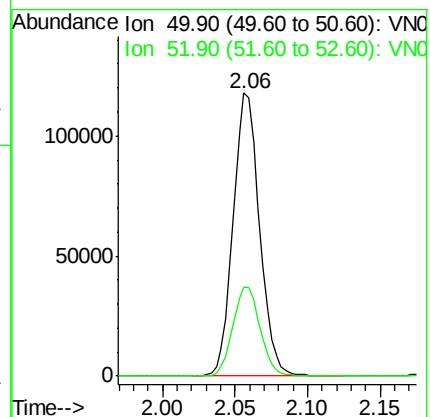
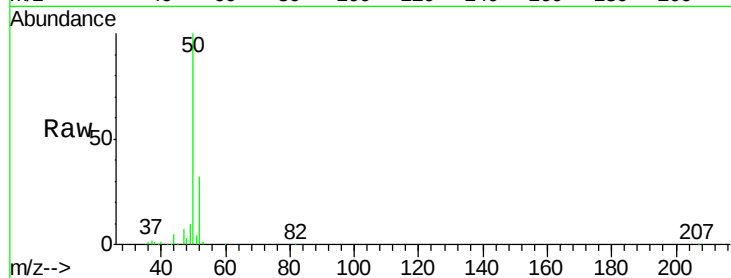
ClientSampled :

Tot Ion: 50 Resp: 149268

Ion Ratio Lower Upper

50 100

52 31.6 26.1 39.1



#4

Vinyl Chloride

Concen: 19.39 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049890.D

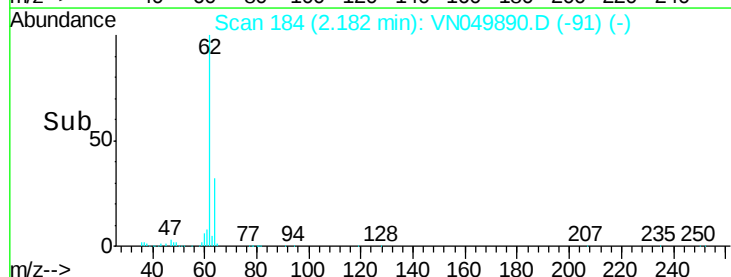
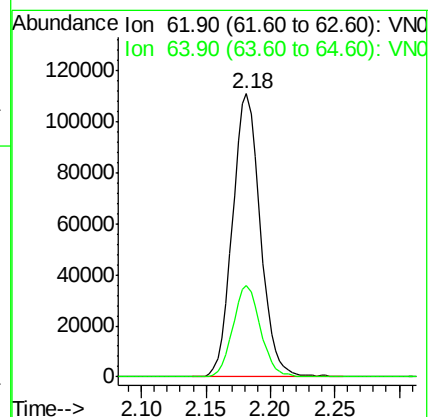
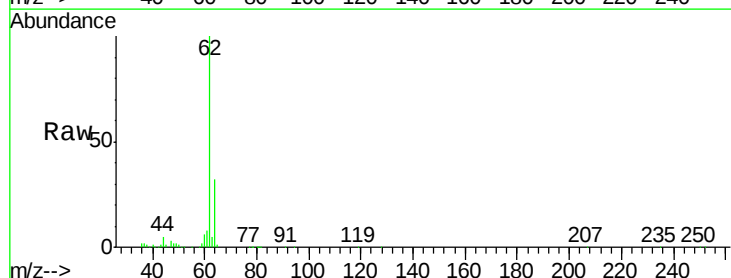
Acq: 18 Jul 2018 23:41

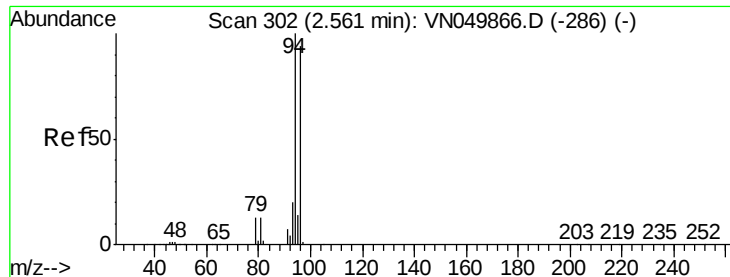
Tgt Ion: 62 Resp: 165828

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 20.57 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

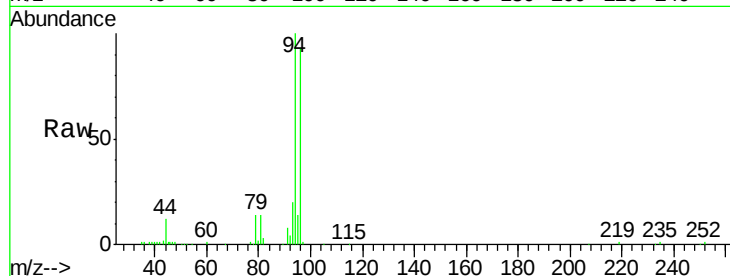
ClientSampled :

Tot Ion: 94 Resp: 103728

Ion Ratio Lower Upper

94 100

96 92.8 75.7 113.5

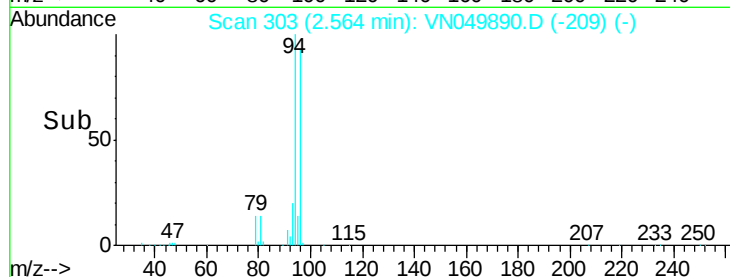


Abundance Ion 93.90 (93.60 to 94.60): VN049866.D (-286) (-)

Ion 95.90 (95.60 to 96.60): VN049890.D (-209) (-)

2.56

Time-->



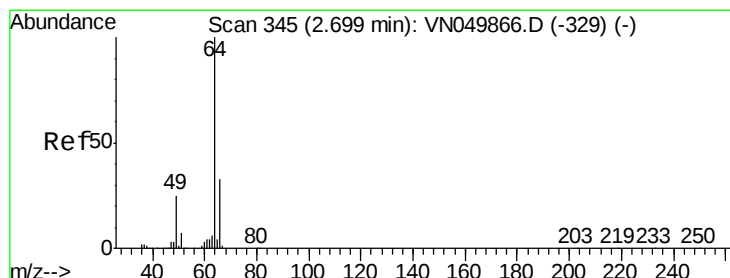
Abundance

Ion 93.90 (93.60 to 94.60): VN049866.D (-286) (-)

Ion 95.90 (95.60 to 96.60): VN049890.D (-209) (-)

2.56

Time-->



#6

Chloroethane

Concen: 18.95 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049890.D

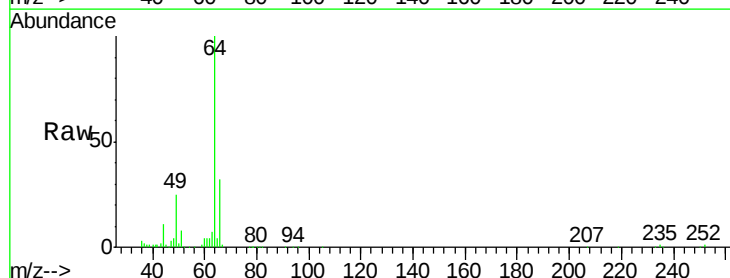
Acq: 18 Jul 2018 23:41

Tgt Ion: 64 Resp: 105878

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4

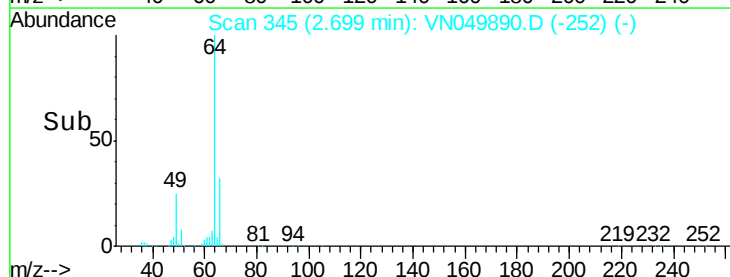


Abundance Ion 63.90 (63.60 to 64.60): VN049866.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN049890.D (-252) (-)

2.70

Time-->



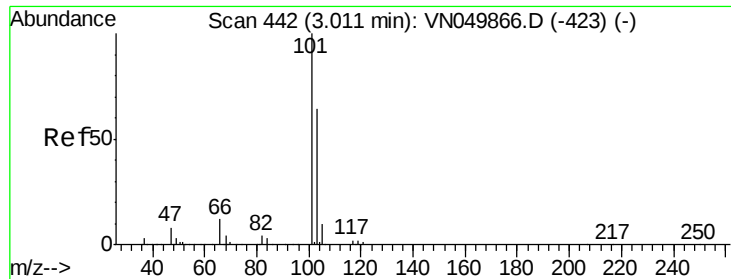
Abundance

Ion 63.90 (63.60 to 64.60): VN049866.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN049890.D (-252) (-)

2.70

Time-->

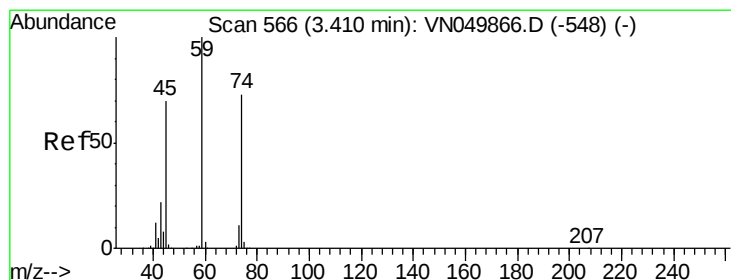
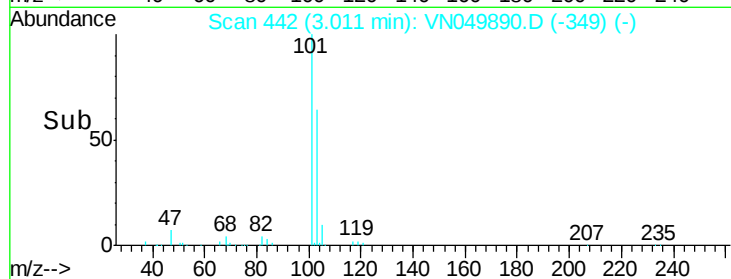
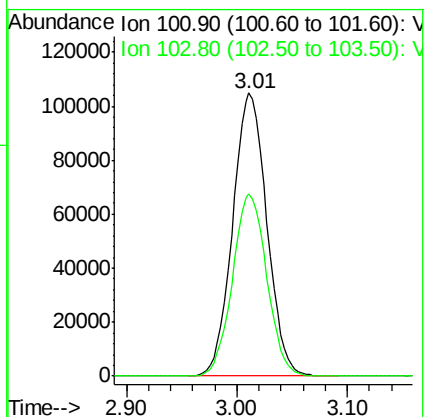
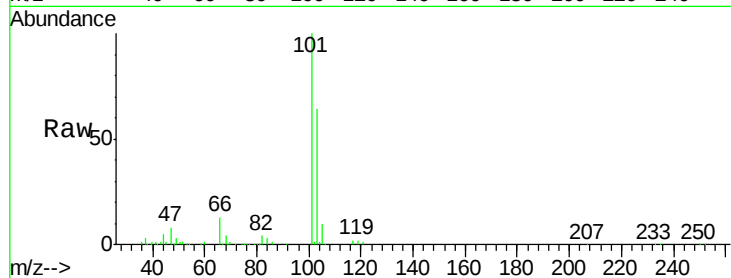


#7

Trichlorofluoromethane
 Concen: 19.10 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

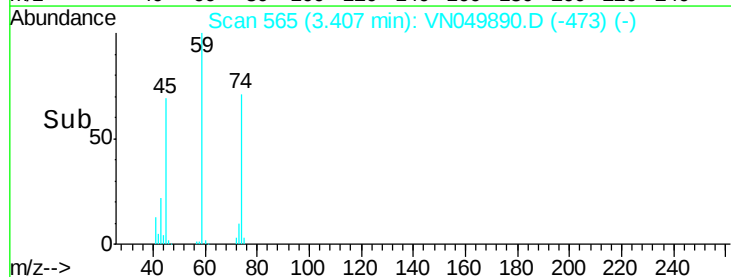
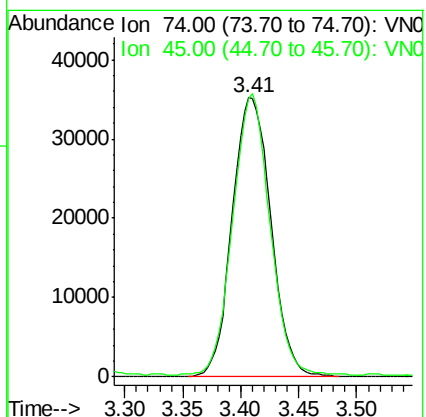
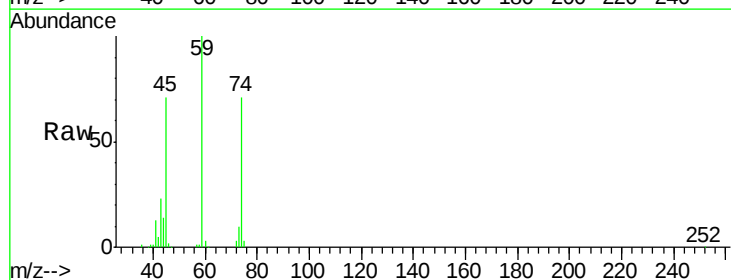
Tot Ion:101 Resp: 224614
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

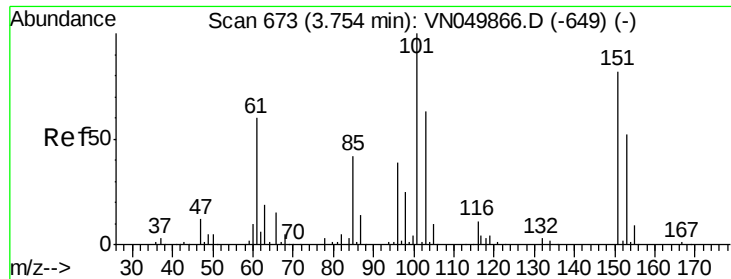


#8

Diethyl Ether
 Concen: 19.97 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 74 Resp: 81916
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.4 145.2

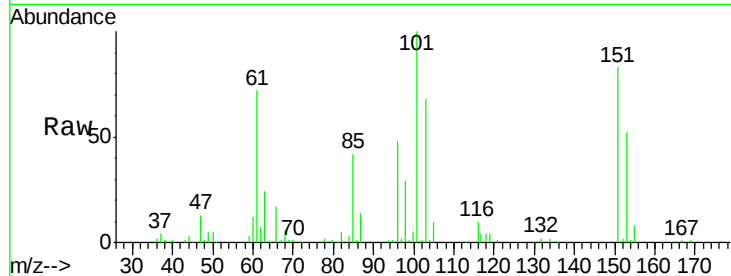




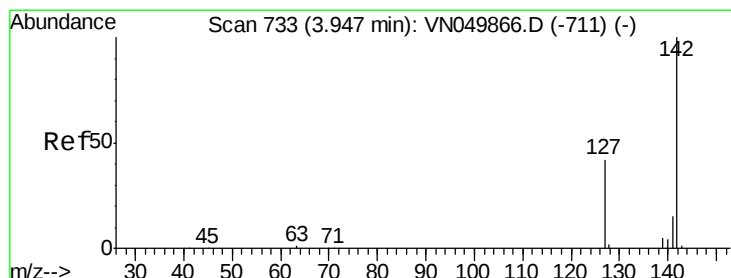
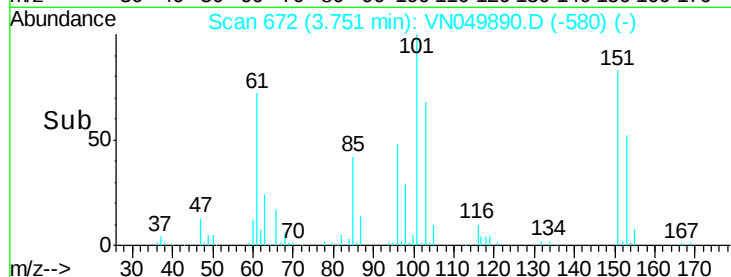
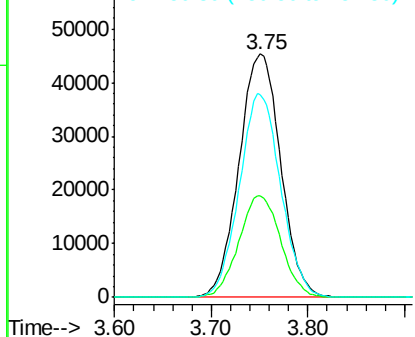
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.70 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 135607
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.4 51.6
 151 83.0 66.2 99.4

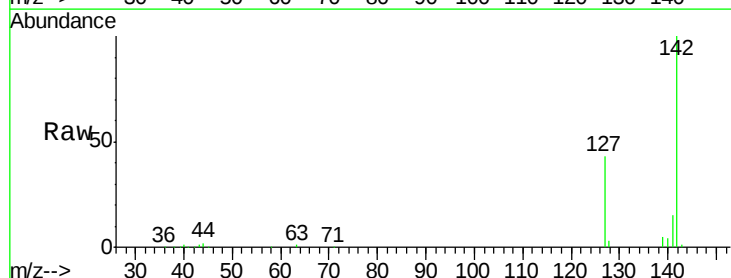


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

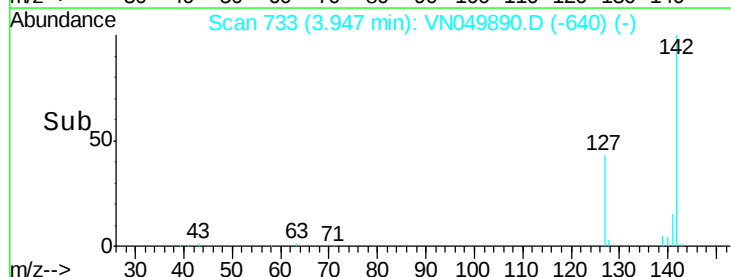
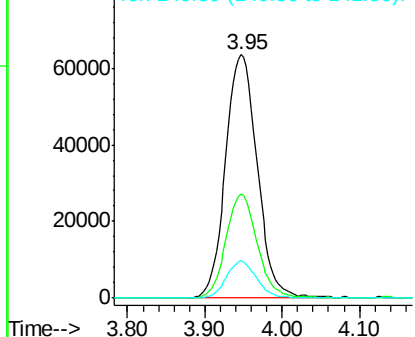


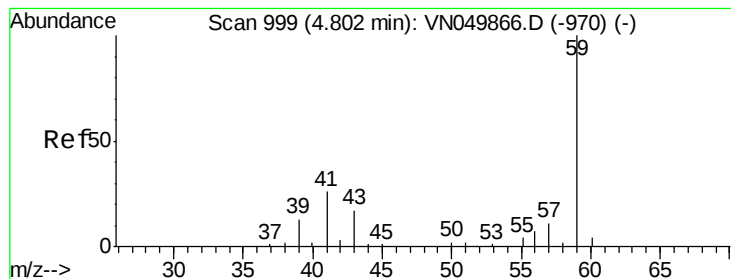
#10
 Methyl Iodide
 Concen: 18.58 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion:142 Resp: 180686
 Ion Ratio Lower Upper
 142 100
 127 42.1 32.5 48.7
 141 14.5 11.1 16.7



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



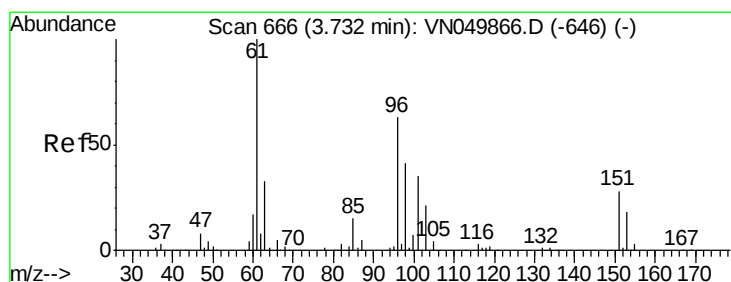
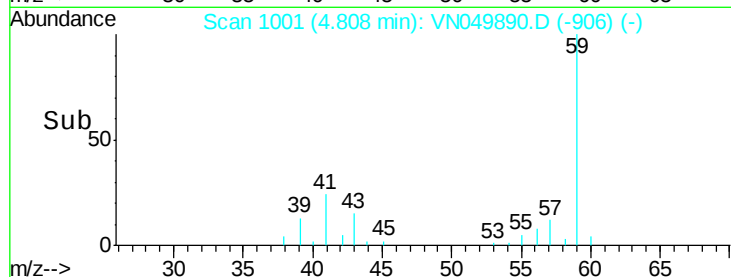
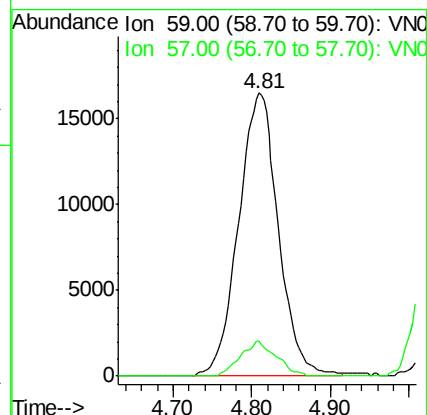
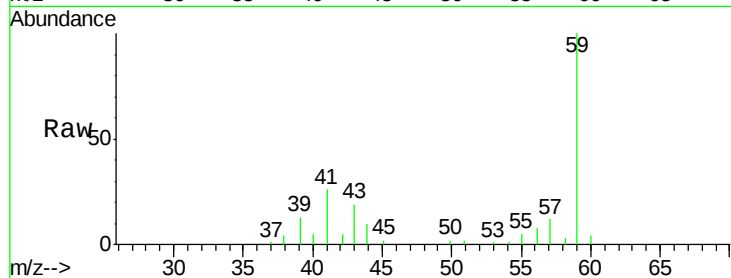


#11

Tert butyl alcohol
Concen: 101.78 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampleId :

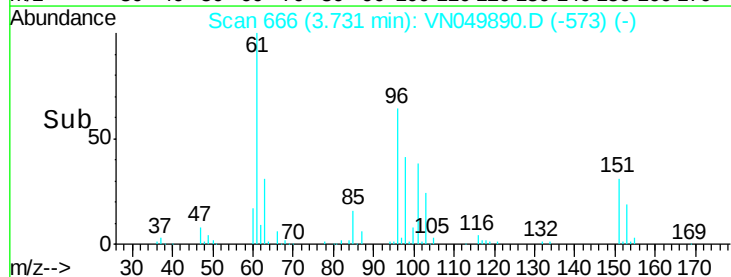
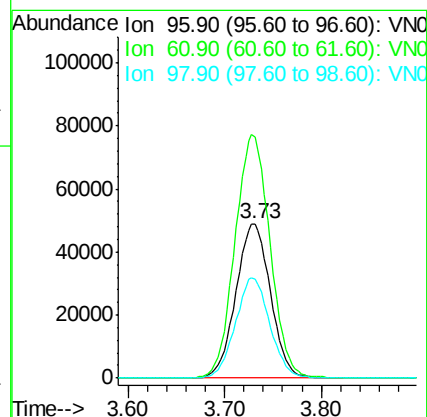
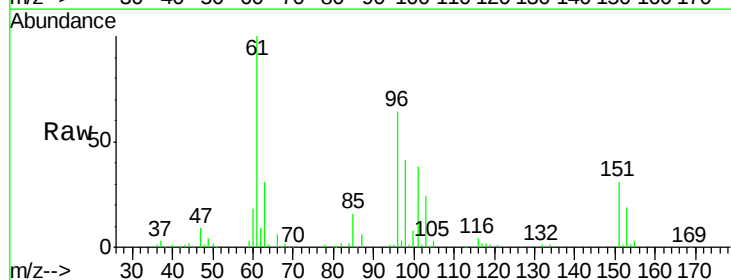
Tot Ion: 59 Resp: 58550
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

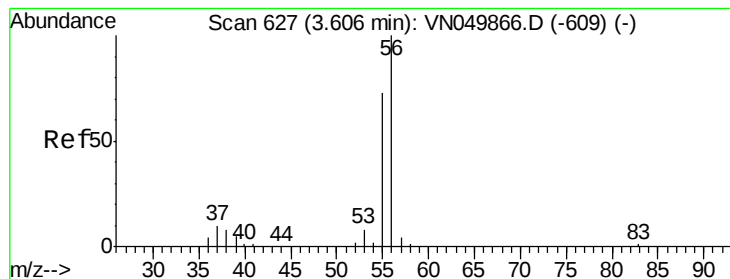


#12

1,1-Dichloroethene
Concen: 19.11 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 96 Resp: 121698
Ion Ratio Lower Upper
96 100
61 156.1 126.5 189.7
98 63.9 51.0 76.6





#13

Acrolein

Concen: 89.41 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

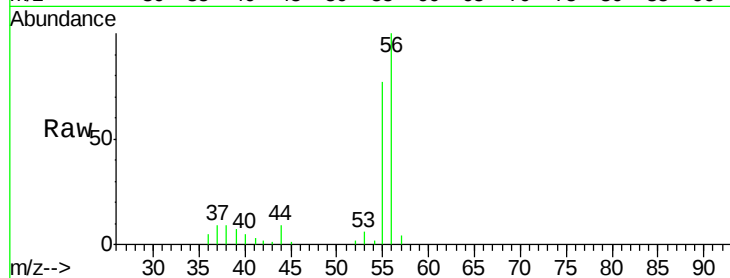
ClientSampled :

Tot Ion: 56 Resp: 33143

Ion Ratio Lower Upper

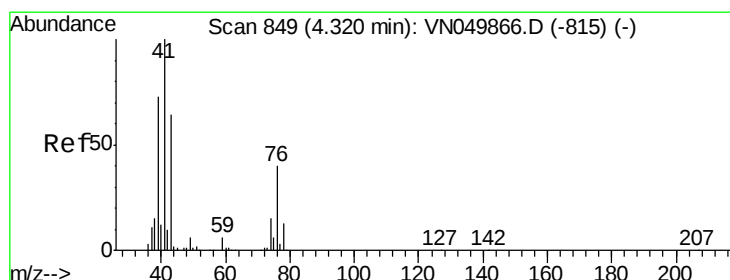
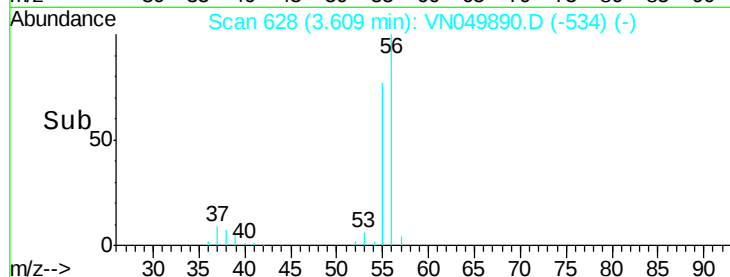
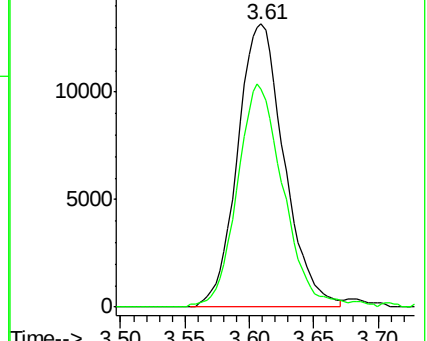
56 100

55 77.4 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-609) (-)

Ion 55.00 (54.70 to 55.70): VN049866.D (-609) (-)



#14

Allyl chloride

Concen: 19.32 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

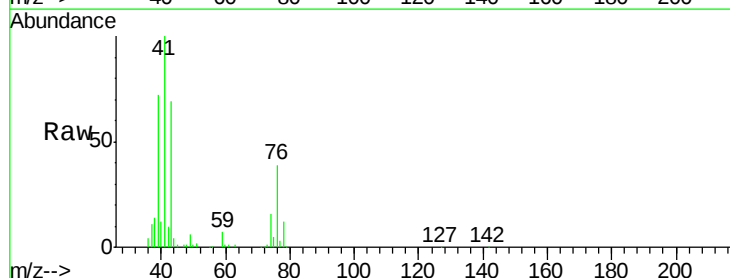
Tgt Ion: 41 Resp: 193963

Ion Ratio Lower Upper

41 100

39 68.2 53.2 79.8

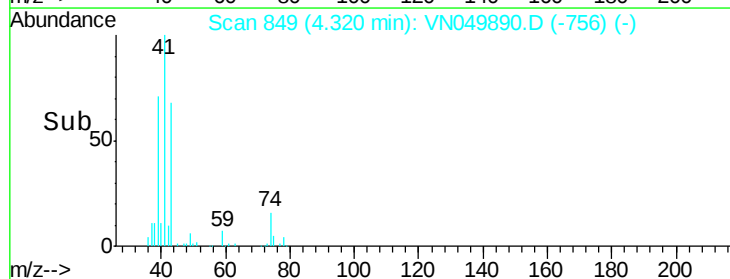
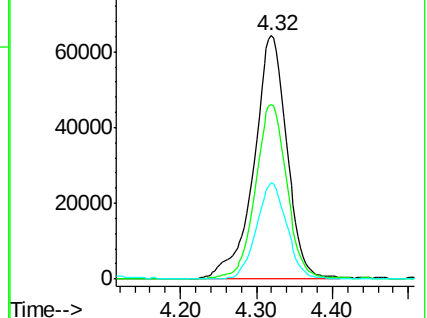
76 36.3 29.0 43.6

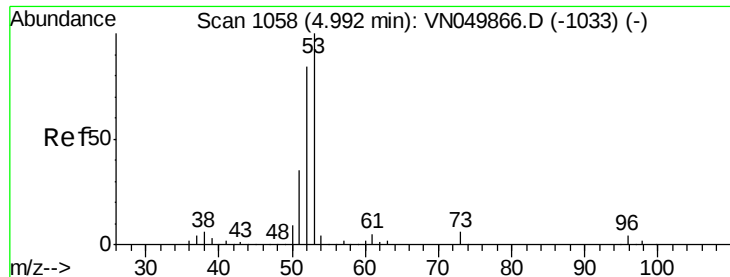


Abundance Ion 41.00 (40.70 to 41.70): VN049866.D (-815) (-)

Ion 39.00 (38.70 to 39.70): VN049866.D (-815) (-)

Ion 75.90 (75.60 to 76.60): VN049866.D (-815) (-)

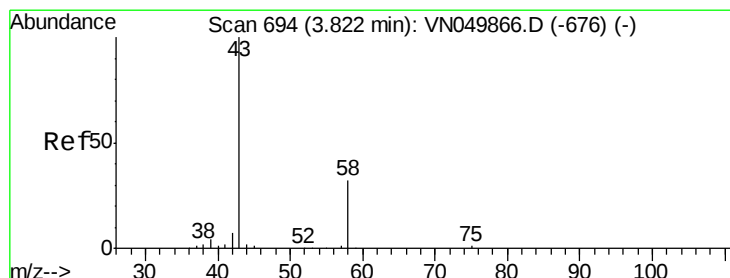
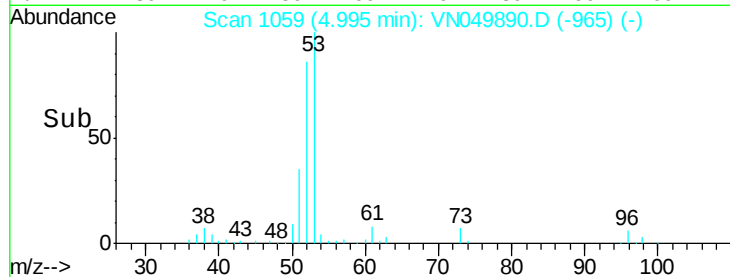
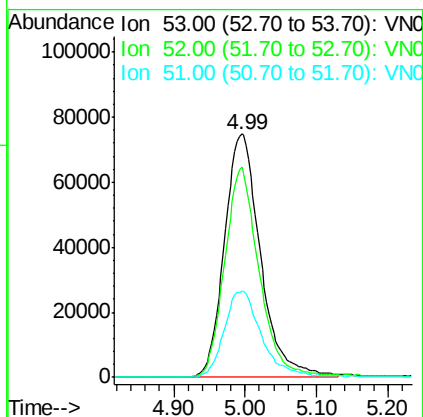
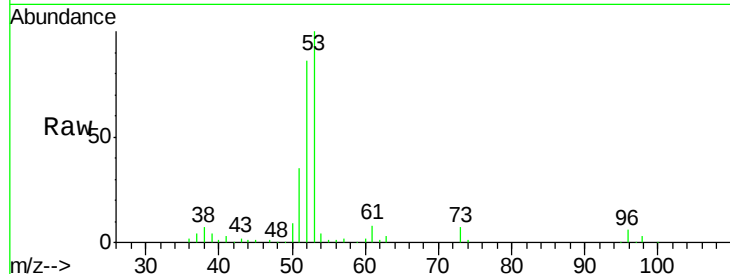




#15
 Acrylonitrile
 Concen: 104.06 ug/l
 RT: 4.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

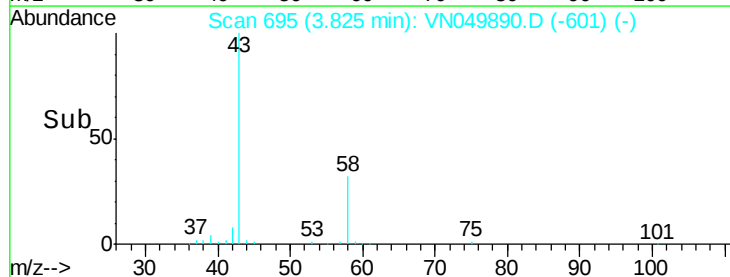
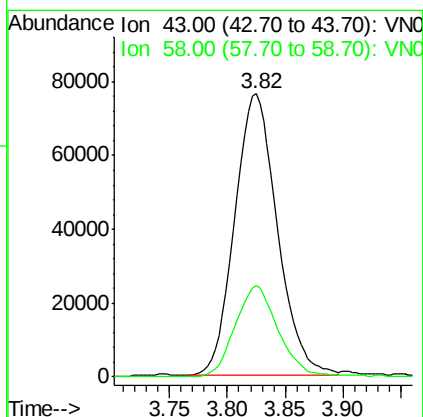
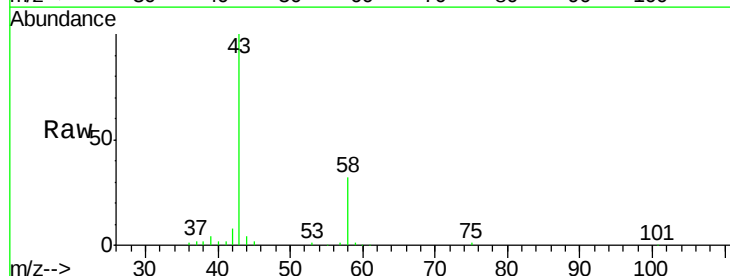
Instrument :
 MSVOA_N
 ClientSampled :

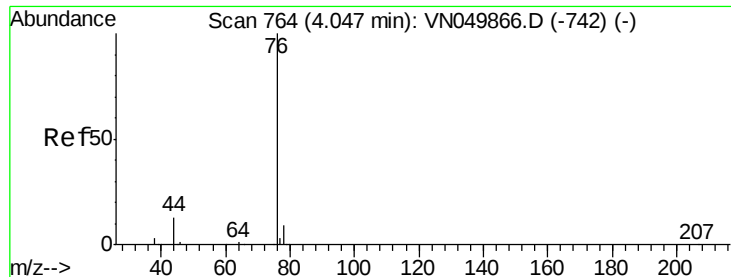
Tot Ion: 53 Resp: 263262
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.8 97.2
 51 36.4 28.9 43.3



#16
 Acetone
 Concen: 92.62 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 43 Resp: 193634
 Ion Ratio Lower Upper
 43 100
 58 32.3 25.9 38.9





#17

Carbon Disulfide

Concen: 18.31 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

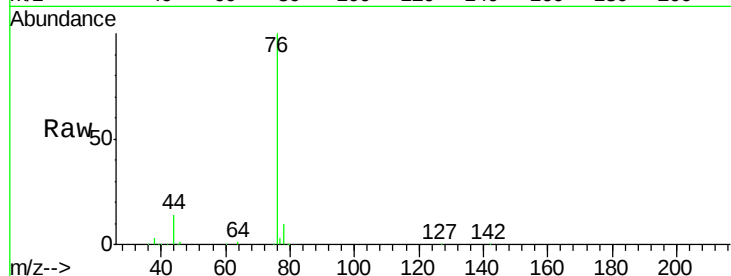
ClientSampled :

Tot Ion: 76 Resp: 348963

Ion Ratio Lower Upper

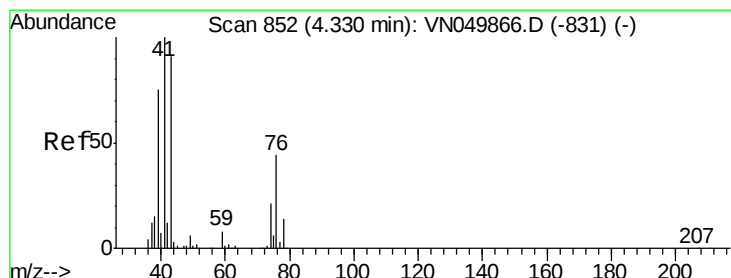
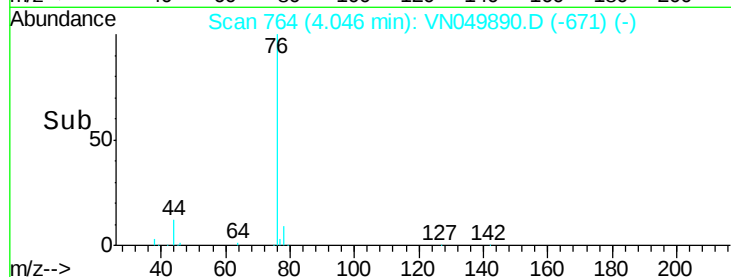
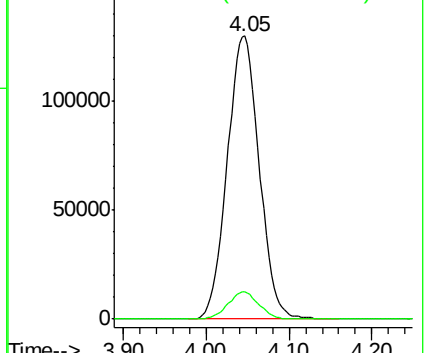
76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049866.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049866.D (-742) (-)



#18

Methyl Acetate

Concen: 22.50 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049890.D

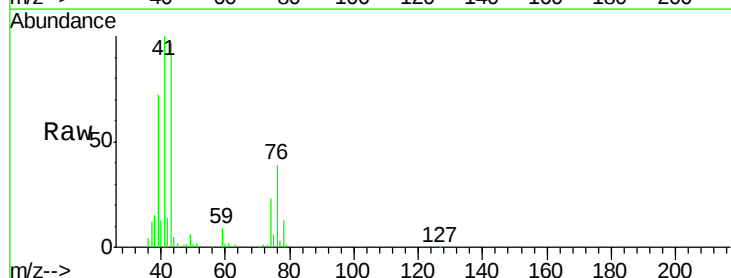
Acq: 18 Jul 2018 23:41

Tgt Ion: 43 Resp: 150804

Ion Ratio Lower Upper

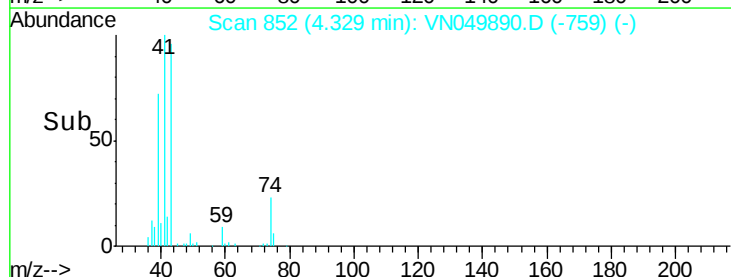
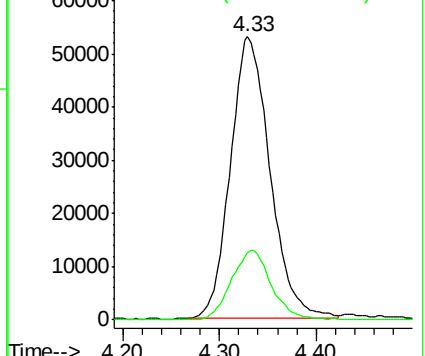
43 100

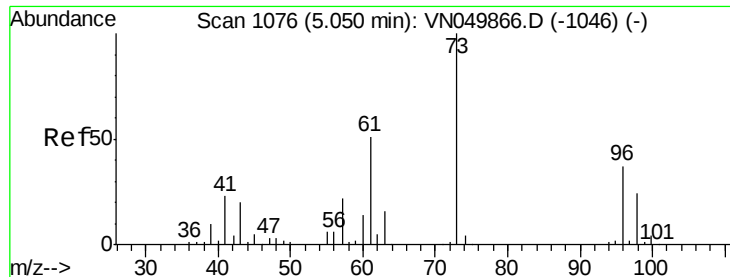
74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049866.D (-831) (-)

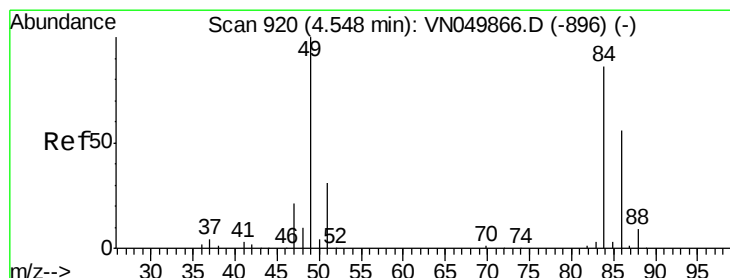
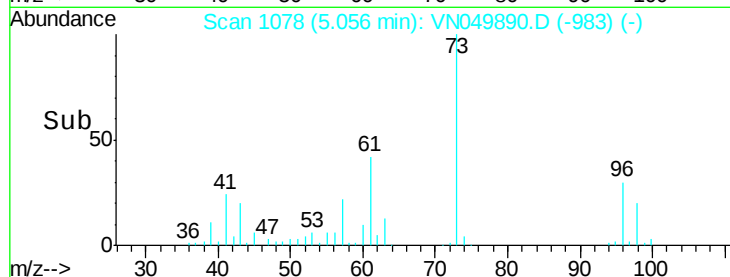
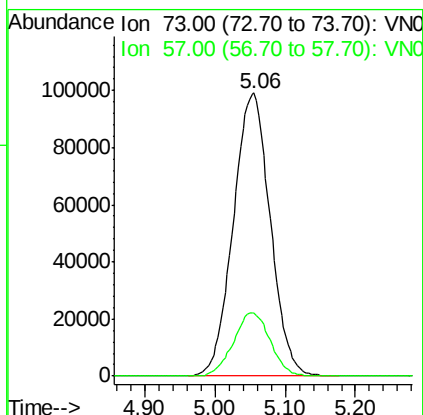
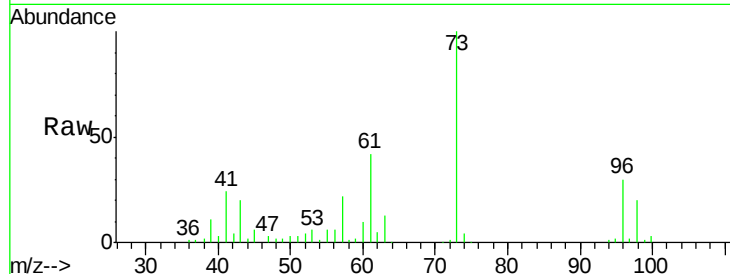




#19
Methyl tert-butyl Ether
Concen: 20.66 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

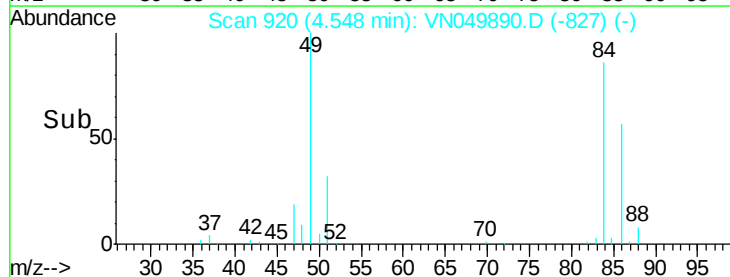
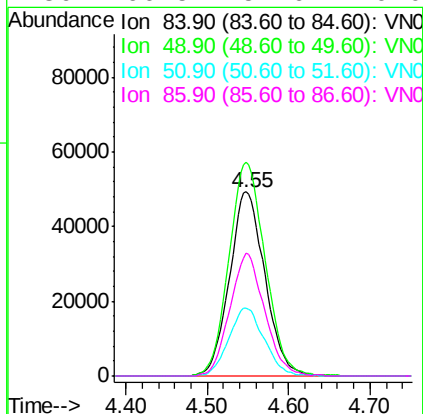
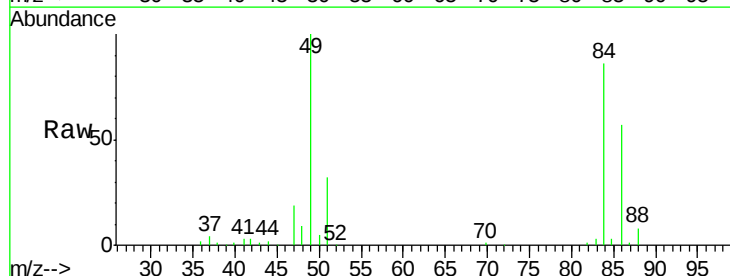
Instrument :
MSVOA_N
ClientSampled :

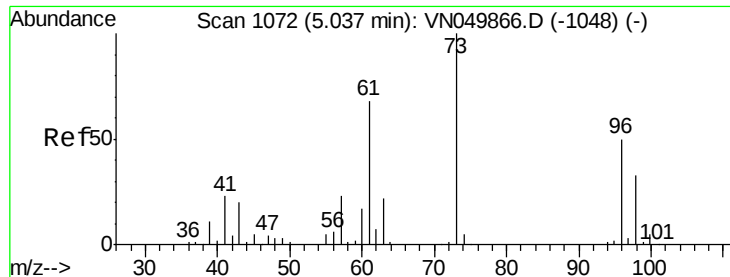
Tot Ion: 73 Resp: 362082
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 18.78 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 84 Resp: 149313
Ion Ratio Lower Upper
84 100
49 116.0 95.4 143.2
51 36.9 28.4 42.6
86 66.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.55 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

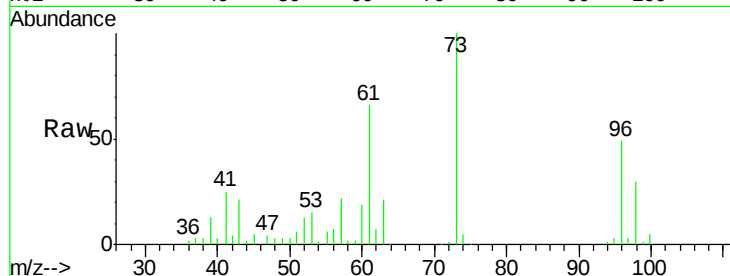
Tot Ion: 96 Resp: 132215

Ion Ratio Lower Upper

96 100

61 136.2 109.0 163.6

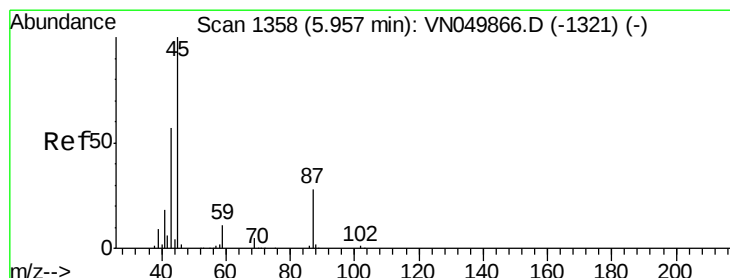
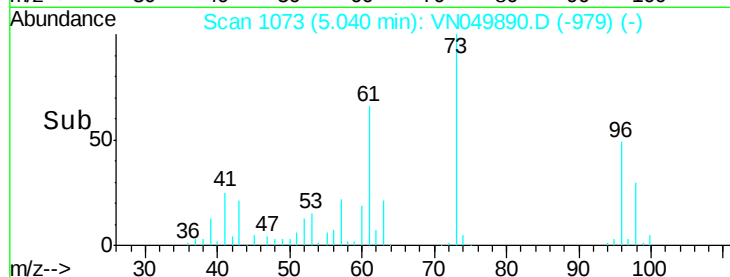
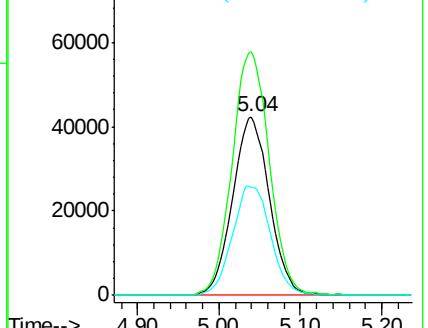
98 60.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049866.D (-1048) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-1048) (-)

Ion 97.90 (97.60 to 98.60): VN049866.D (-1048) (-)



#22

Diisopropyl ether

Concen: 21.27 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Tgt Ion: 45 Resp: 435833

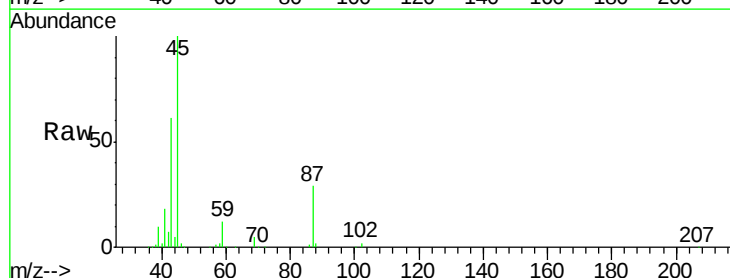
Ion Ratio Lower Upper

45 100

43 59.4 48.1 72.1

87 28.6 22.6 34.0

59 11.8 9.2 13.8

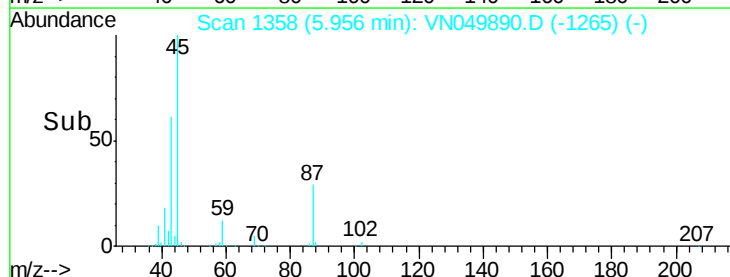
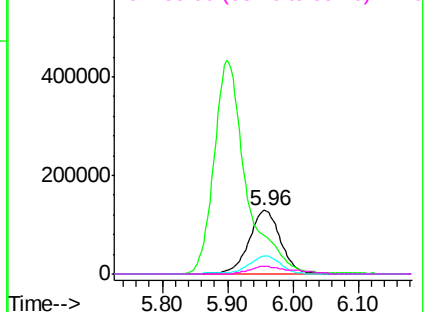


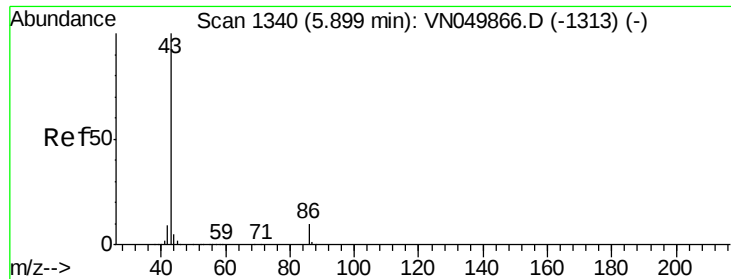
Abundance Ion 45.00 (44.70 to 45.70): VN049866.D (-1321) (-)

Ion 43.00 (42.70 to 43.70): VN049866.D (-1321) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-1321) (-)

Ion 59.00 (58.70 to 59.70): VN049866.D (-1321) (-)





#23

Vinyl Acetate

Concen: 103.40 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

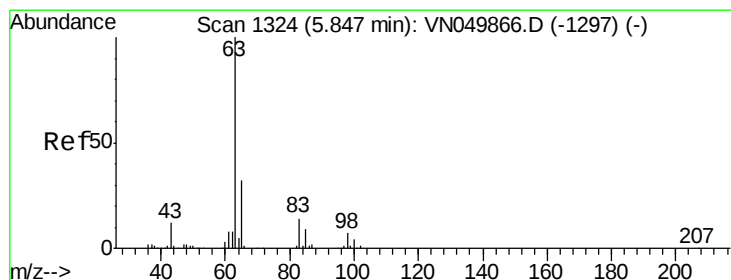
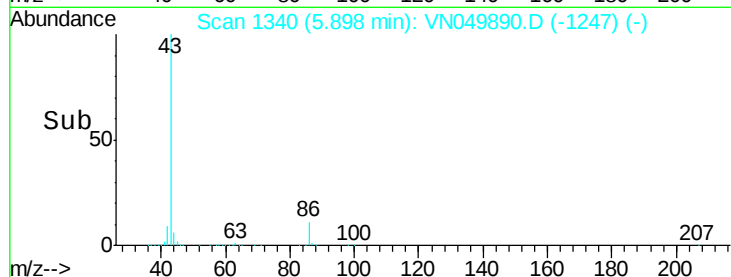
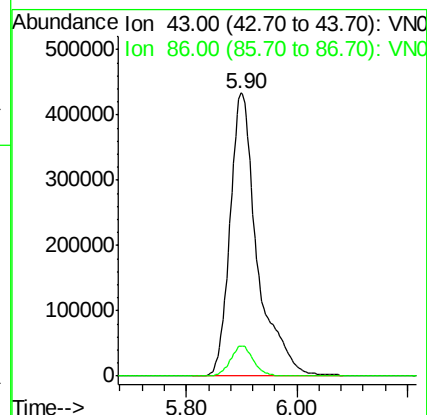
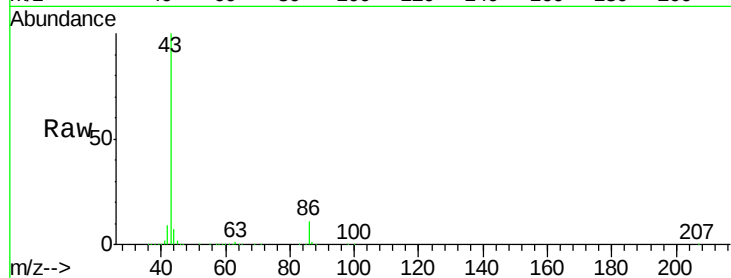
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1486533

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 20.11 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

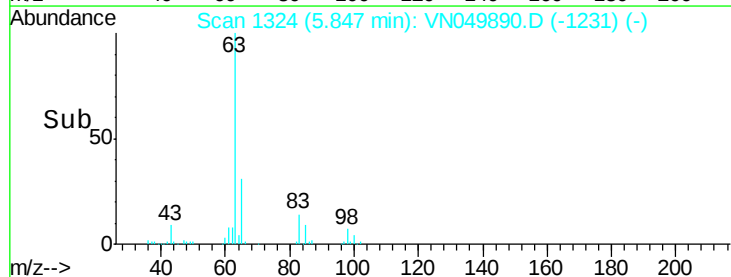
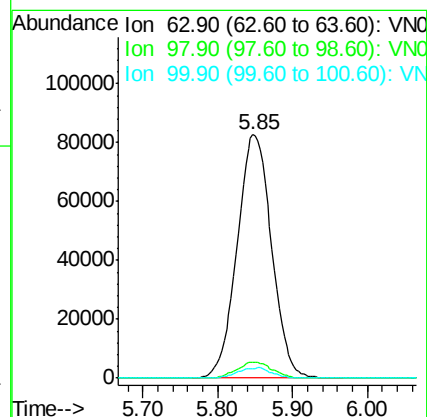
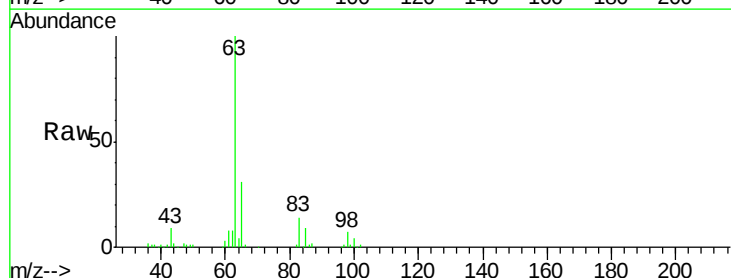
Tgt Ion: 63 Resp: 264557

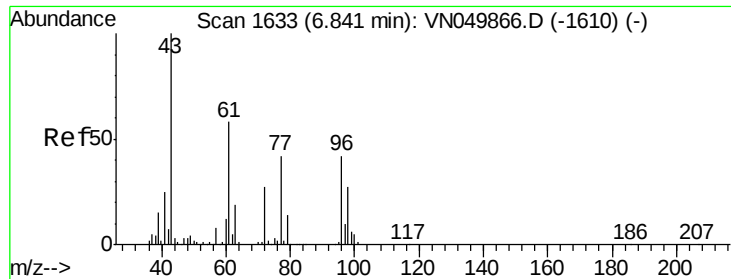
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 101.39 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

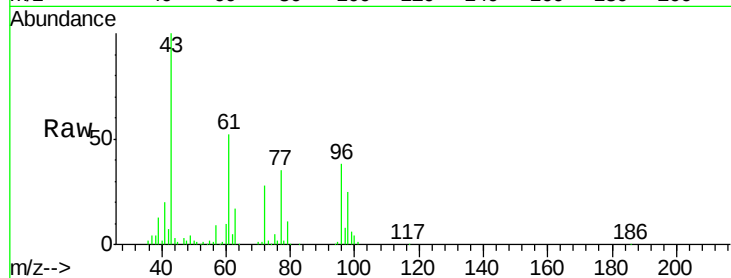
ClientSampleId :

Tot Ion: 43 Resp: 302957

Ion Ratio Lower Upper

43 100

72 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

120000

100000

80000

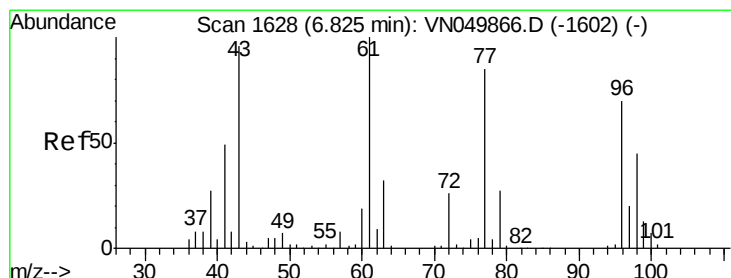
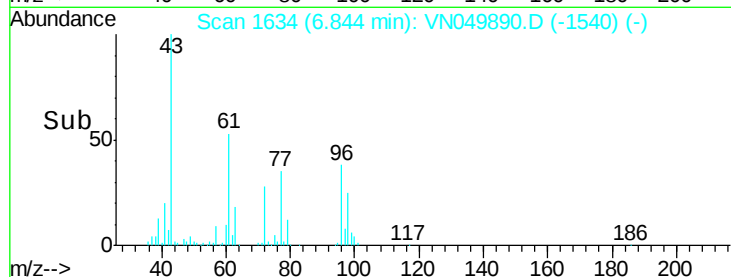
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.02 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049890.D

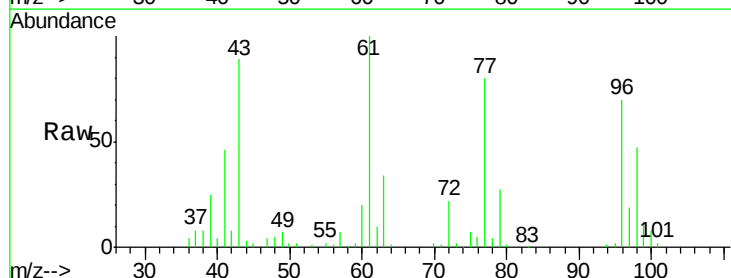
Acq: 18 Jul 2018 23:41

Tgt Ion: 77 Resp: 174155

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

60000

50000

40000

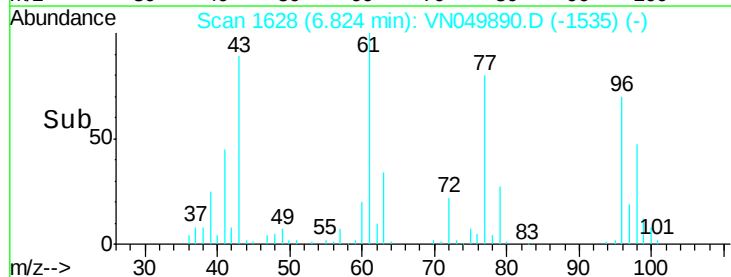
30000

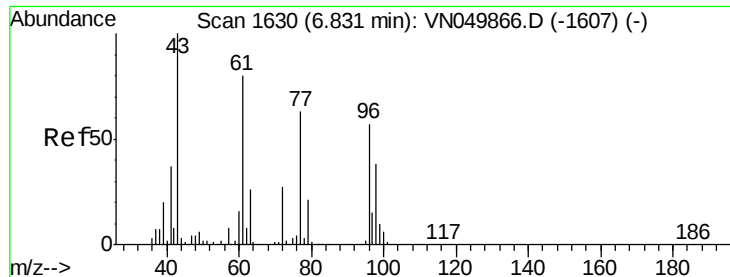
20000

10000

0

Time-->

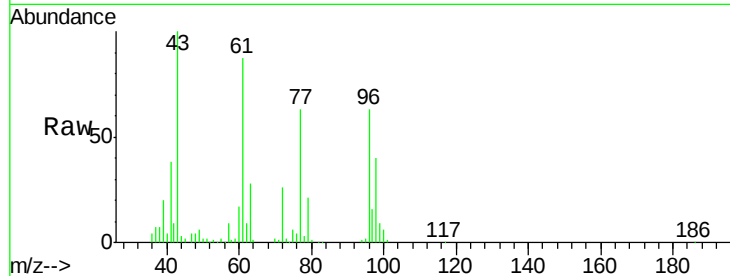




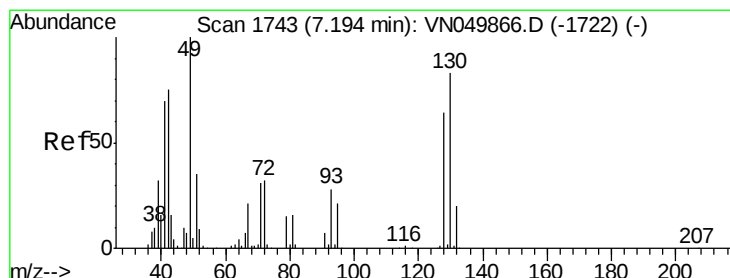
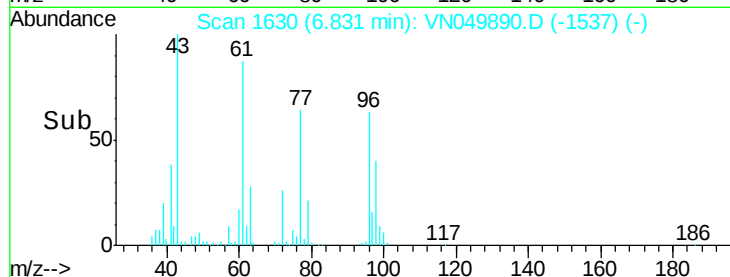
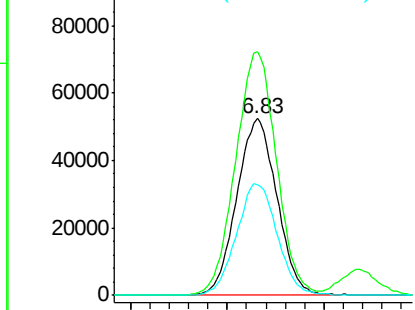
#27
 cis-1,2-Dichloroethene
 Concen: 20.39 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 151342
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 289.0
 98 64.1 0.0 130.2

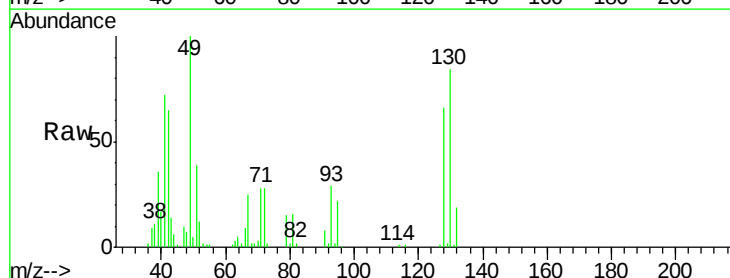


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

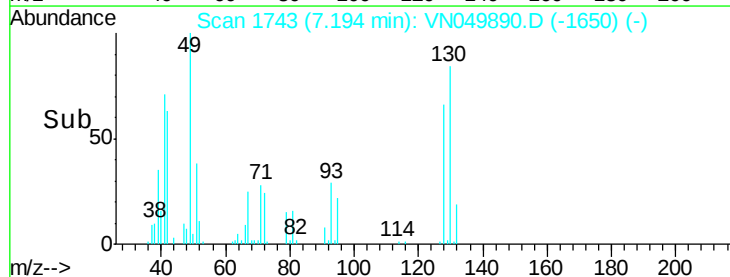
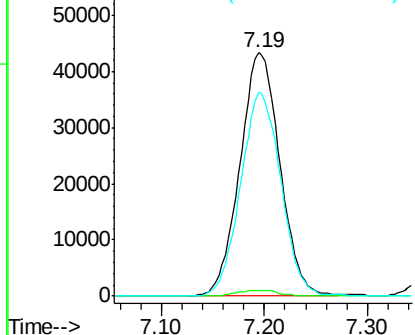


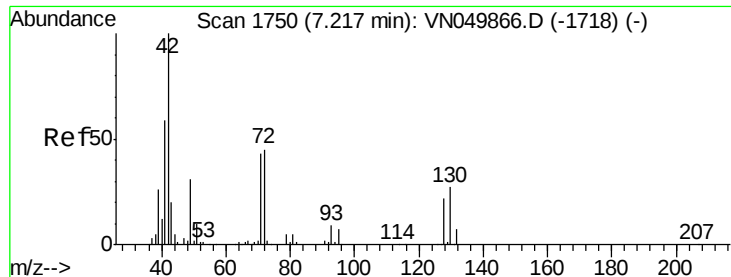
#28
 Bromochloromethane
 Concen: 19.68 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 49 Resp: 116927
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 83.9 65.5 98.3



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

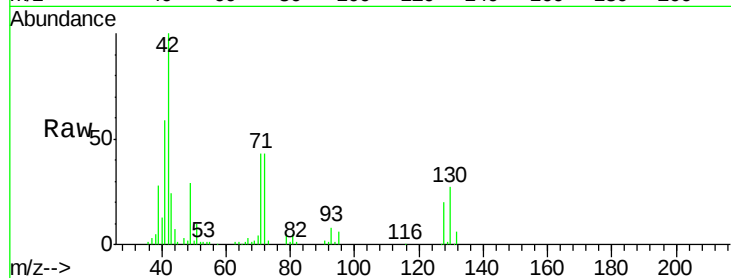




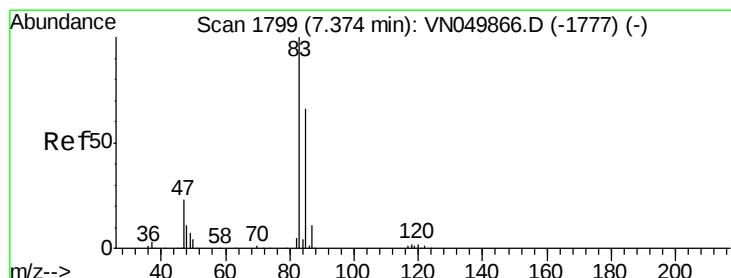
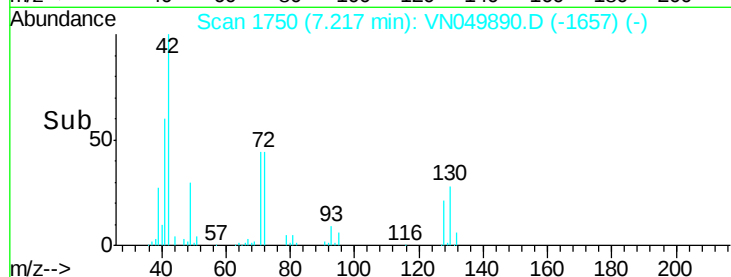
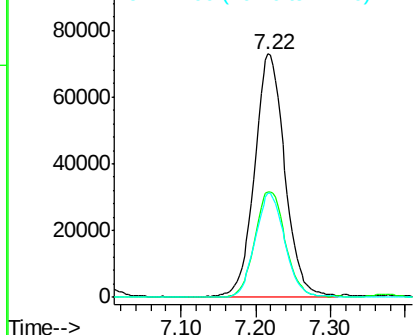
#29
Tetrahydrofuran
Concen: 108.52 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 204254
Ion Ratio Lower Upper
42 100
72 44.2 35.6 53.4
71 42.2 34.0 51.0

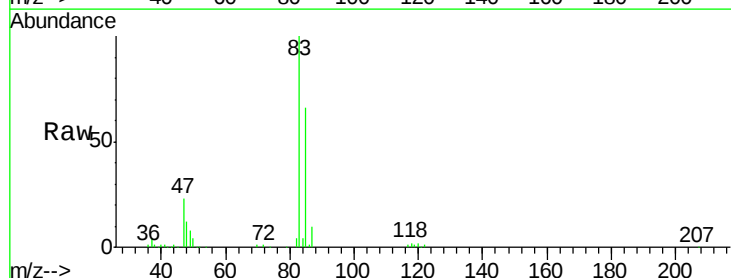


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

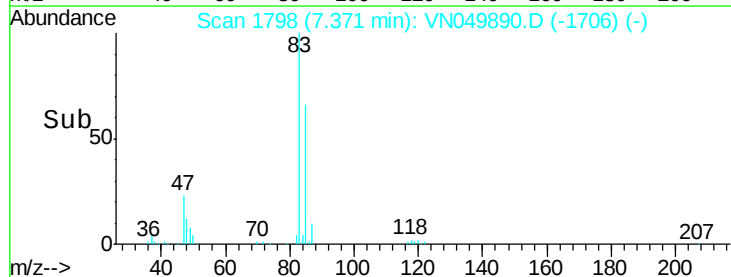
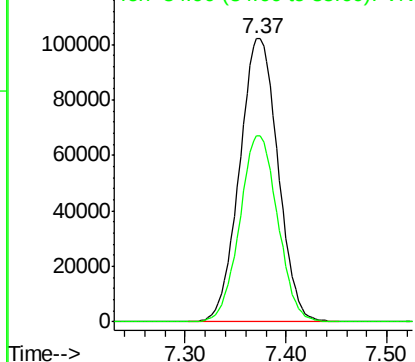


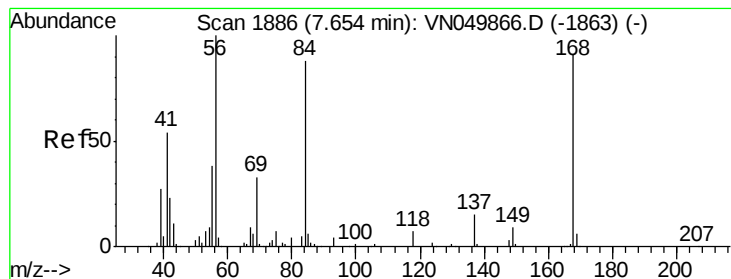
#30
Chloroform
Concen: 19.98 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 83 Resp: 269829
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.68 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

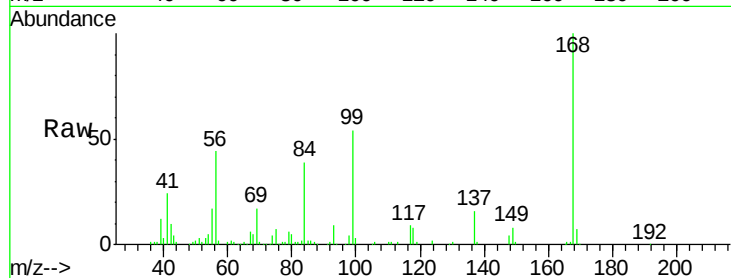
Tot Ion: 56 Resp: 210696

Ion Ratio Lower Upper

56 100

69 37.8 26.6 40.0

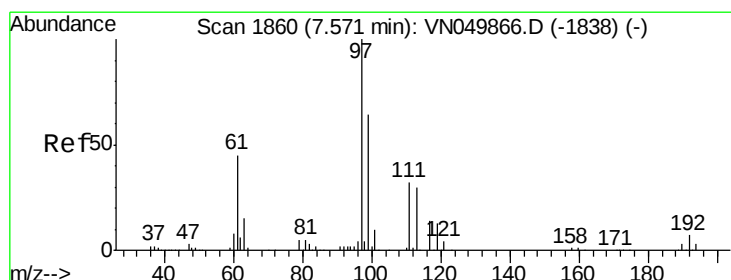
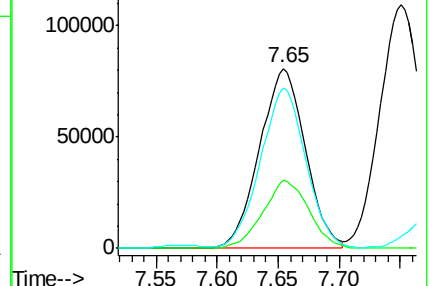
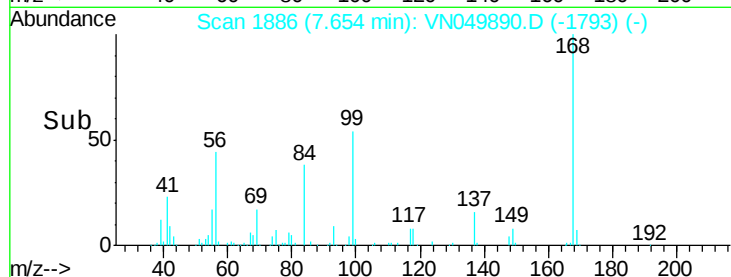
84 87.3 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049890.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049890.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049890.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 19.57 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

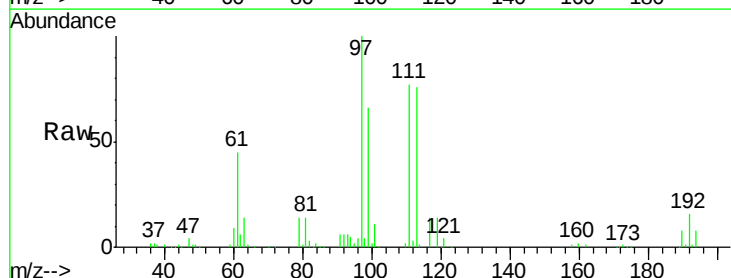
Tgt Ion: 97 Resp: 228371

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

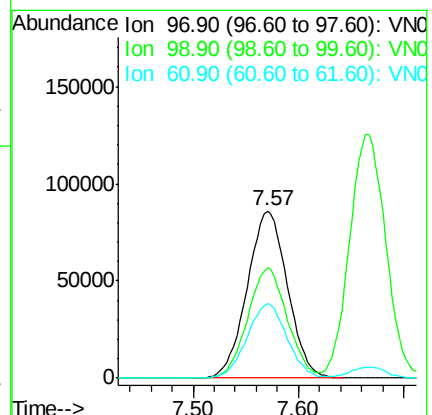
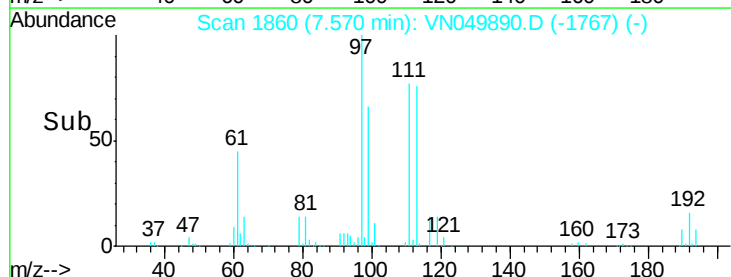
61 44.2 35.5 53.3

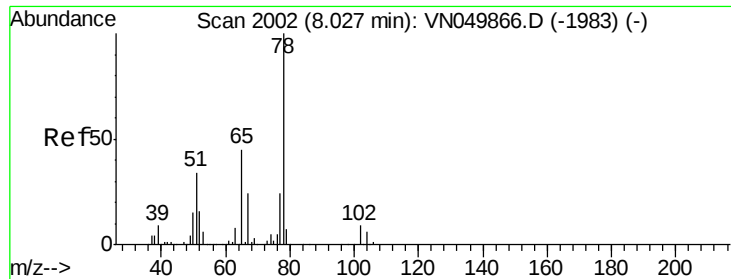


Abundance Ion 96.90 (96.60 to 97.60): VN049890.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049890.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049890.D (-1767) (-)

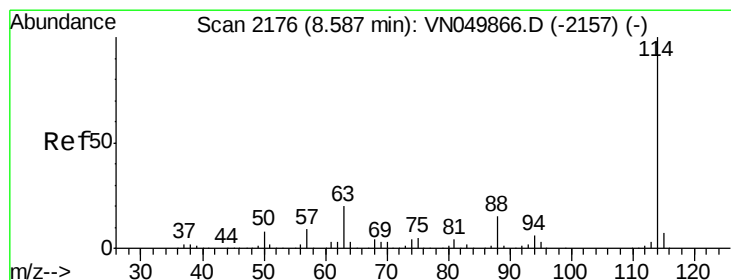
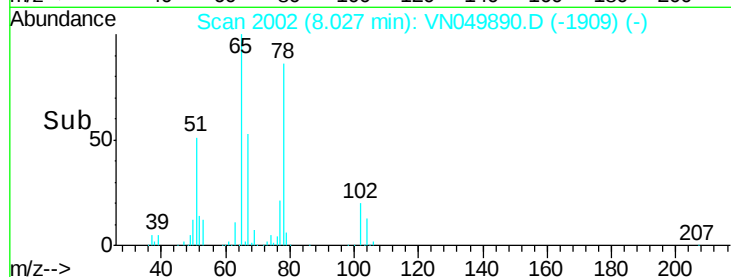
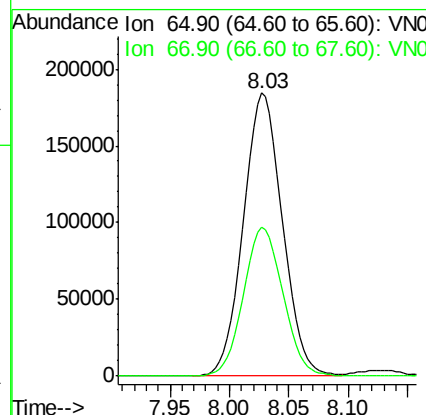
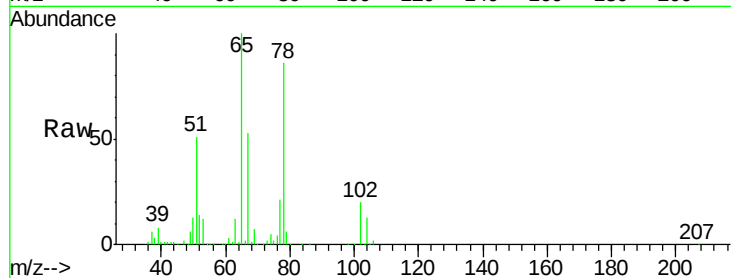




#33
 1,2-Dichloroethane-d4
 Concen: 52.06 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

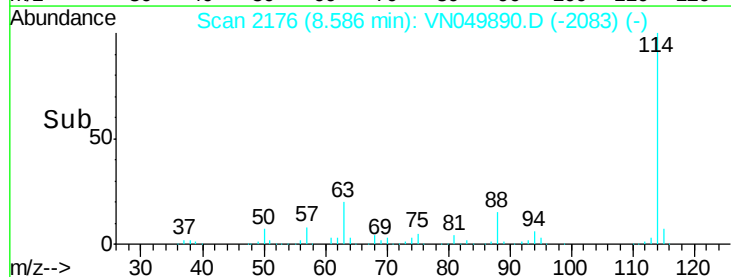
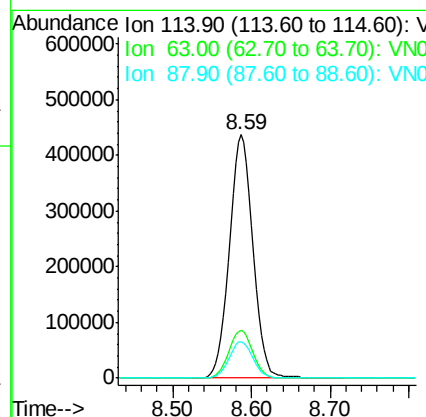
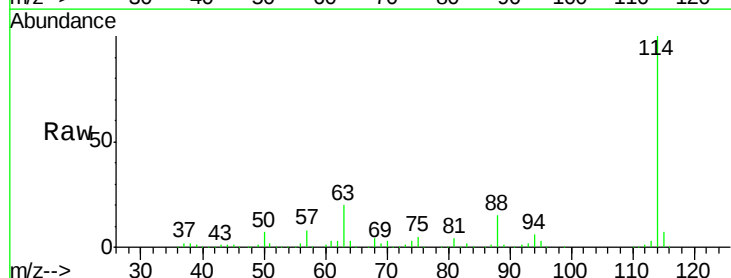
Instrument :
 MSVOA_N
 ClientSampleId :

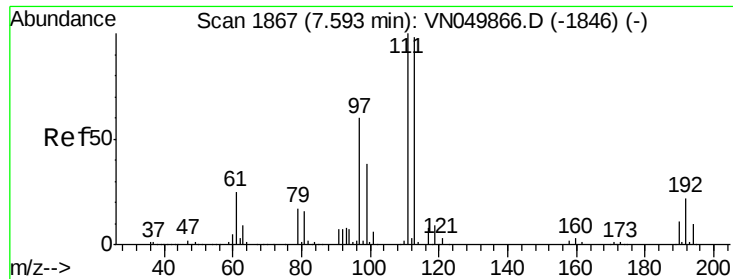
Tot Ion: 65 Resp: 420385
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 114 Resp: 896823
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.1 0.0 30.6

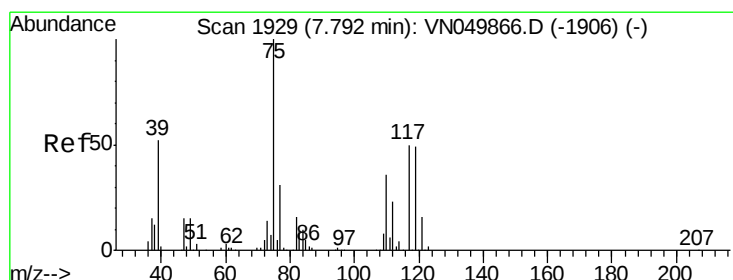
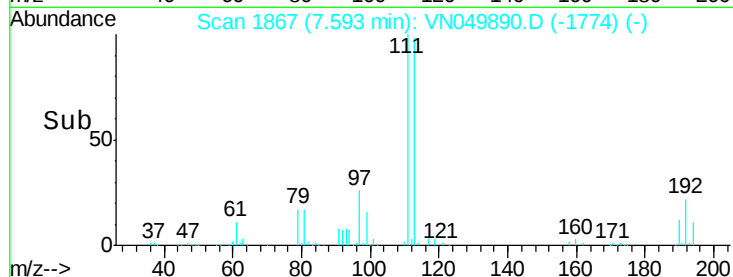
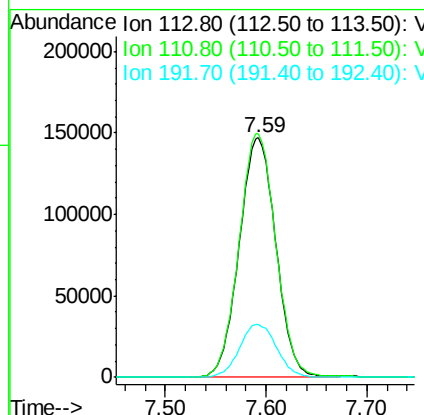
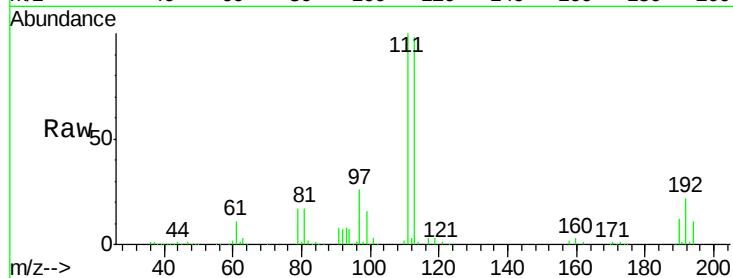




#35
 Dibromofluoromethane
 Concen: 49.20 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

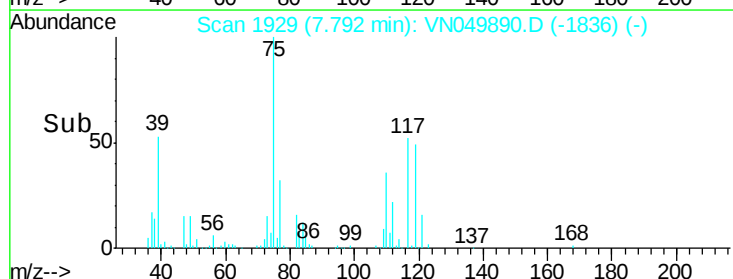
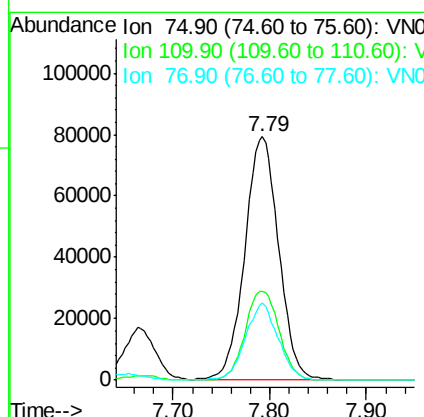
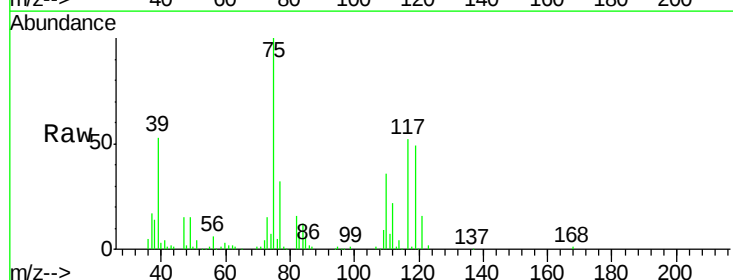
Instrument :
 MSVOA_N
 ClientSampleId :

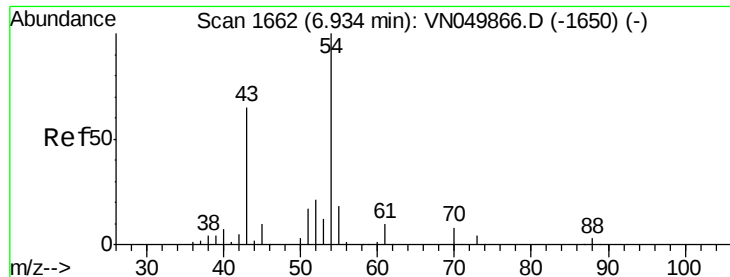
Tot Ion:113 Resp: 370427
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 22.5 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.22 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 75 Resp: 191679
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.4
 77 30.8 24.9 37.3

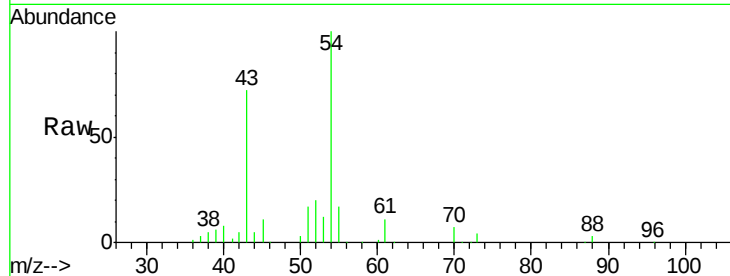




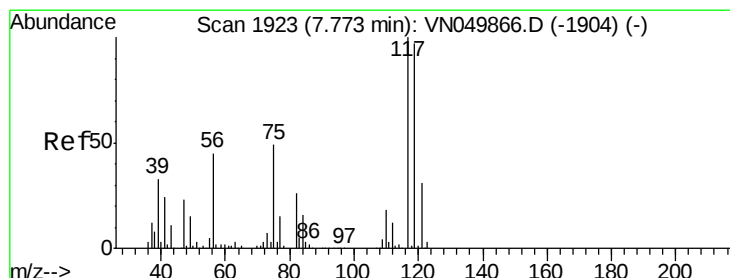
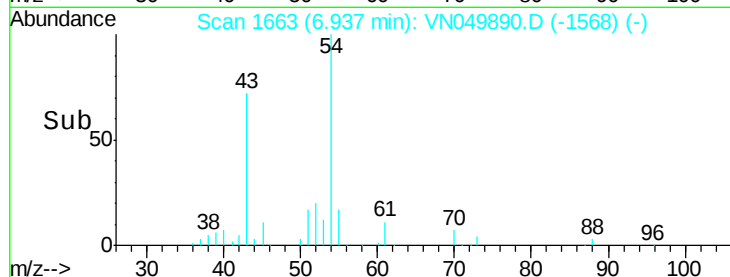
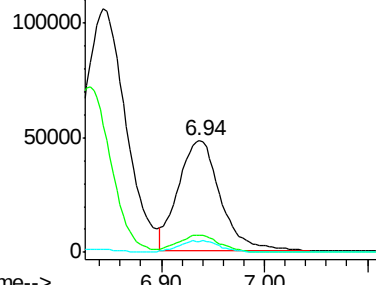
#37
Ethyl Acetate
Concen: 19.96 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 136701
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 10.3 8.4 12.6

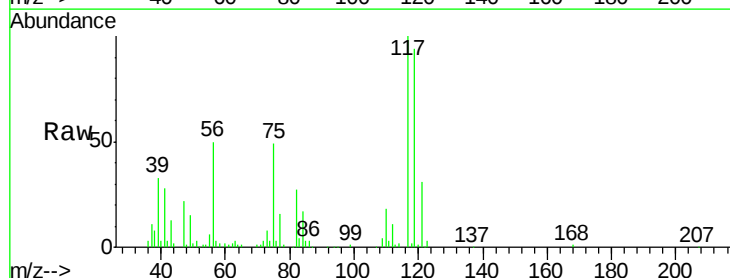


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

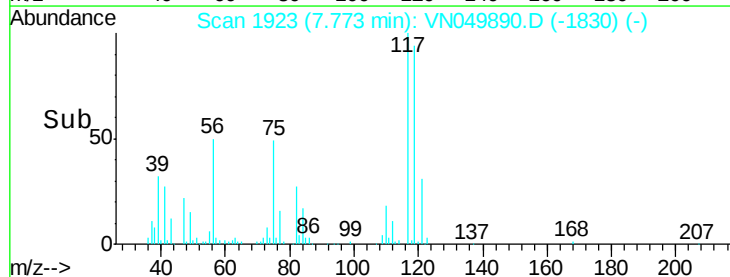
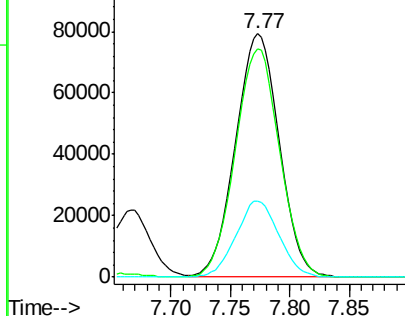


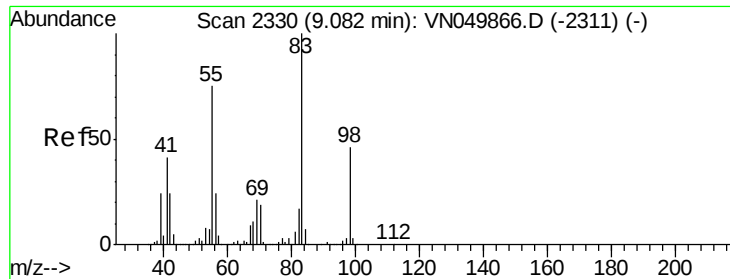
#38
Carbon Tetrachloride
Concen: 18.83 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 117 Resp: 201123
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 31.2 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

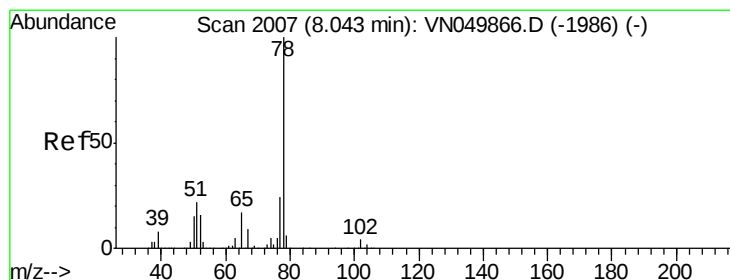
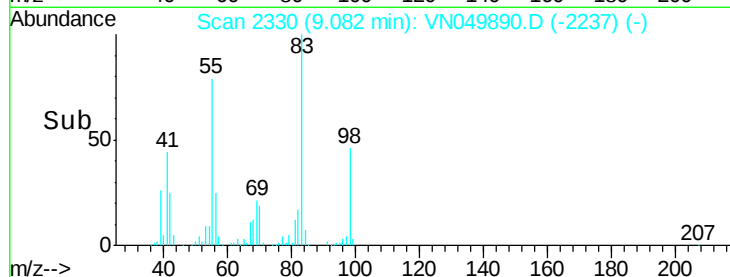
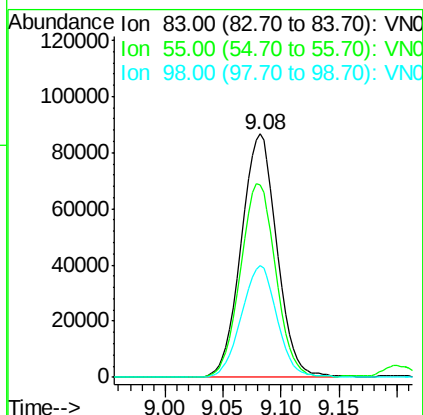
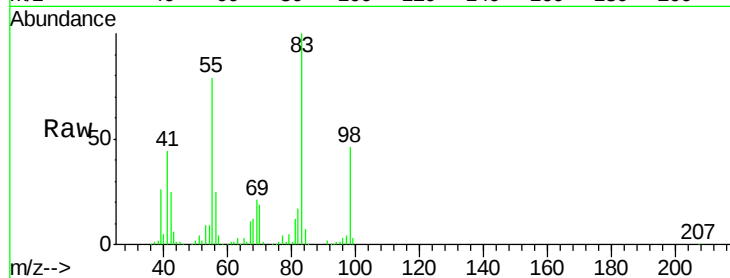




#39
Methvlcvclohexane
Concen: 18.04 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

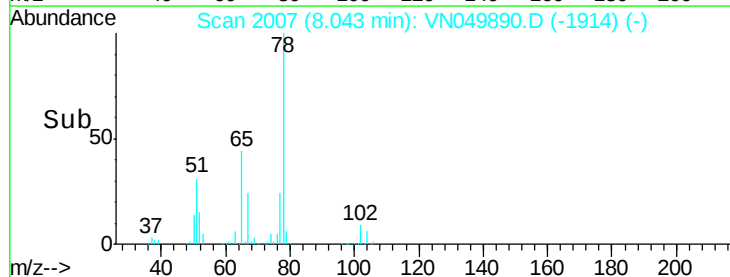
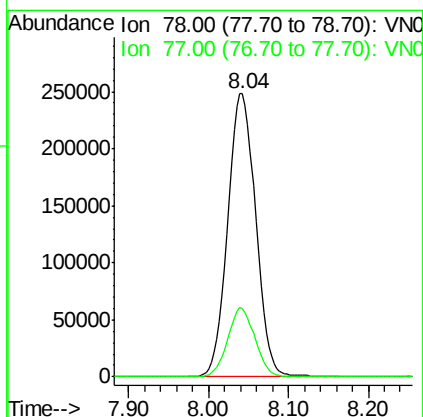
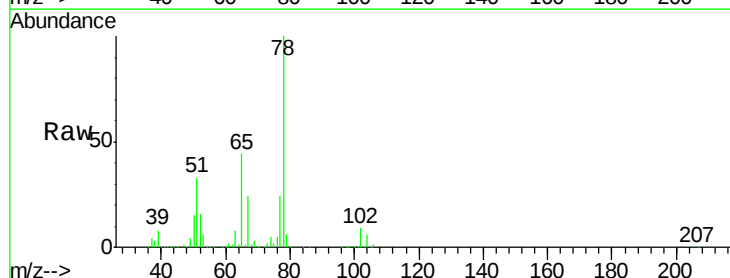
Instrument :
MSVOA_N
ClientSampleId :

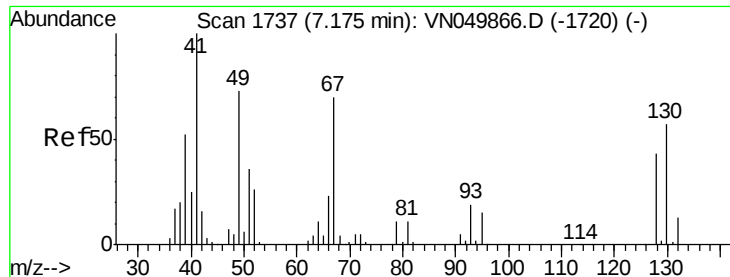
Tot Ion: 83 Resp: 185850
Ion Ratio Lower Upper
83 100
55 79.1 59.7 89.5
98 45.9 36.5 54.7



#40
Benzene
Concen: 19.42 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 78 Resp: 590093
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

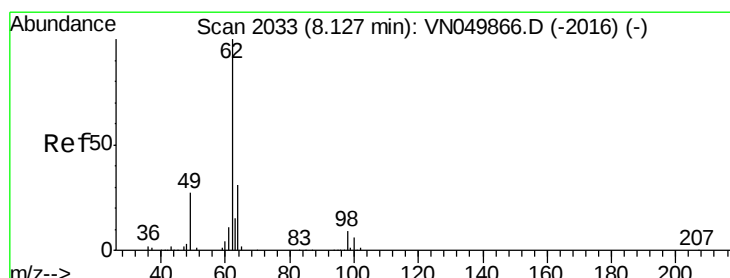
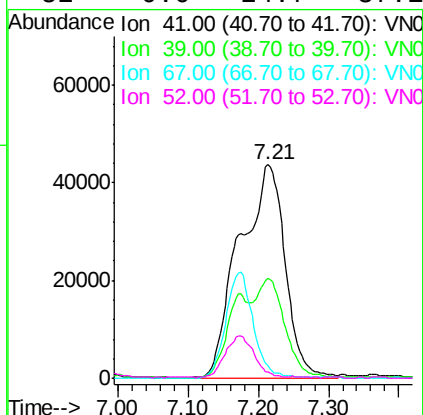
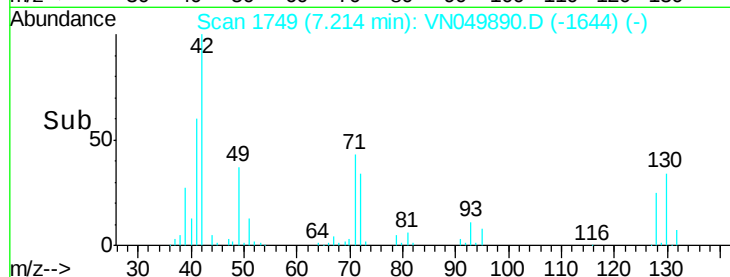
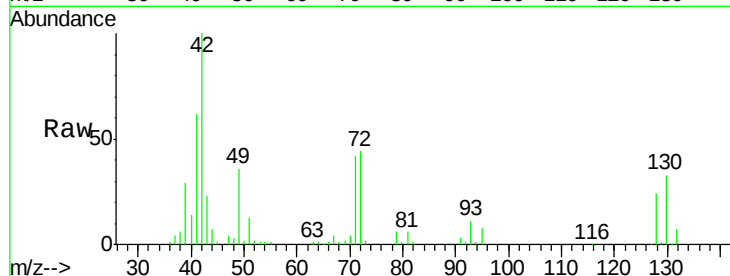




#41
Methacrylonitrile
Concen: 57.67 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.04 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

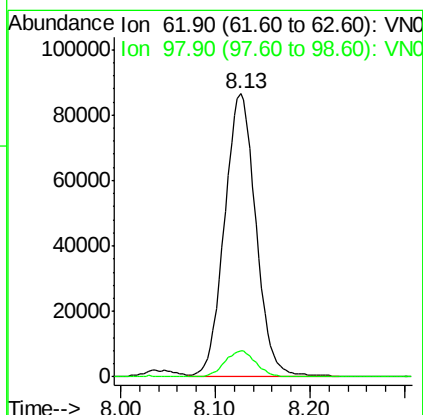
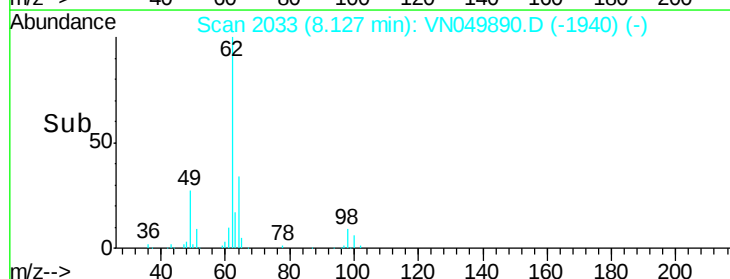
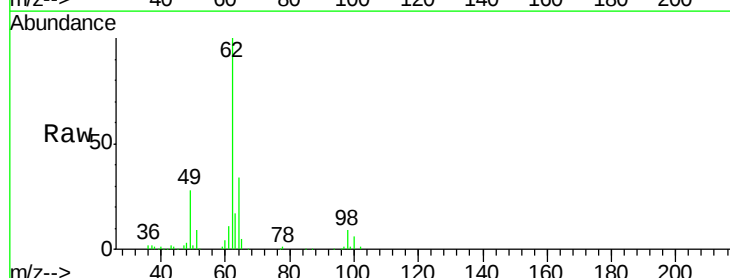
Instrument :
MSVOA_N
ClientSampled :

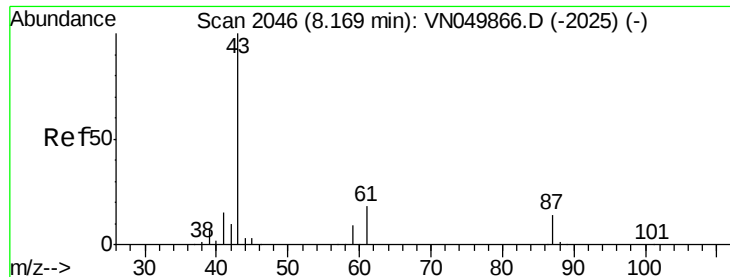
Tot Ion: 41 Resp: 197973
Ion Ratio Lower Upper
41 100
39 0.0 45.4 68.2#
67 0.0 65.4 98.0#
52 0.0 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 19.70 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 62 Resp: 198332
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.0





#43

Isopropyl Acetate

Concen: 22.18 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

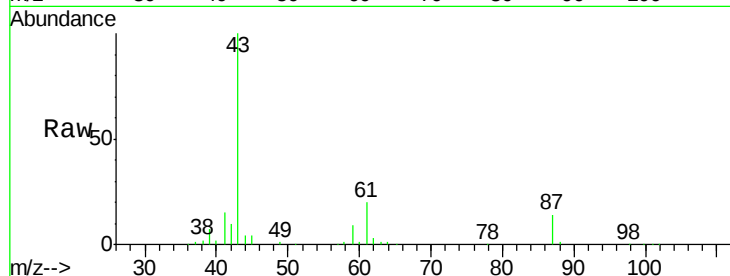
Tot Ion: 43 Resp: 265330

Ion Ratio Lower Upper

43 100

61 17.7 14.9 22.3

87 12.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)

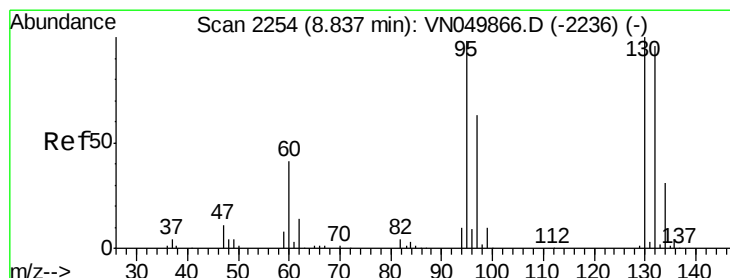
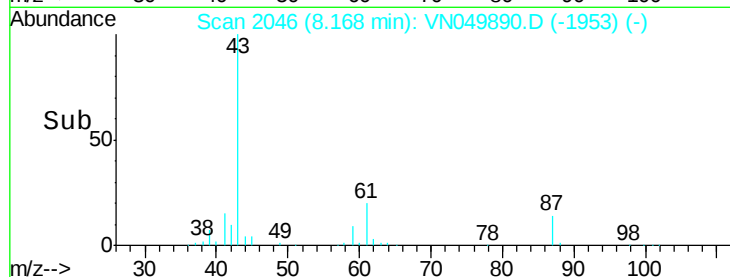
8.17

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 19.11 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049890.D

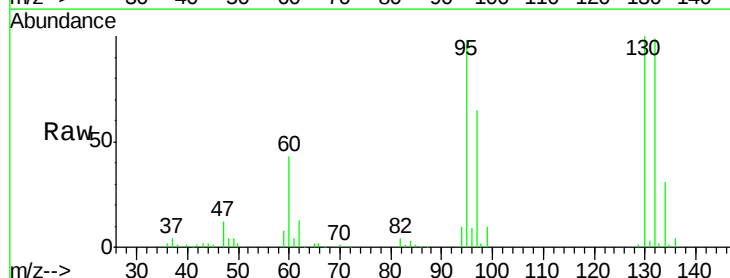
Acq: 18 Jul 2018 23:41

Tgt Ion:130 Resp: 152272

Ion Ratio Lower Upper

130 100

95 98.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)

8.84

80000

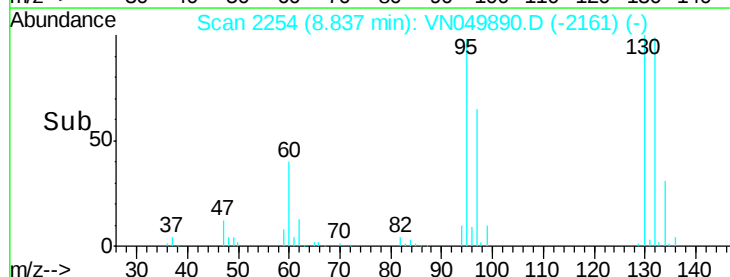
60000

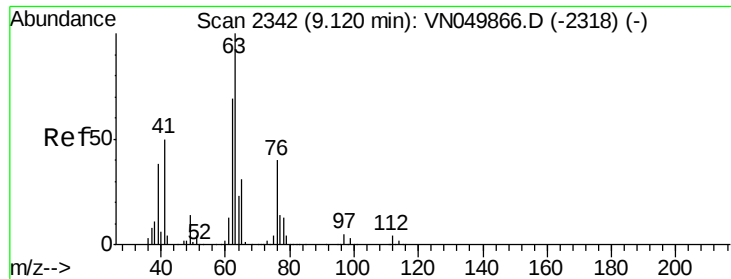
40000

20000

0

Time-->

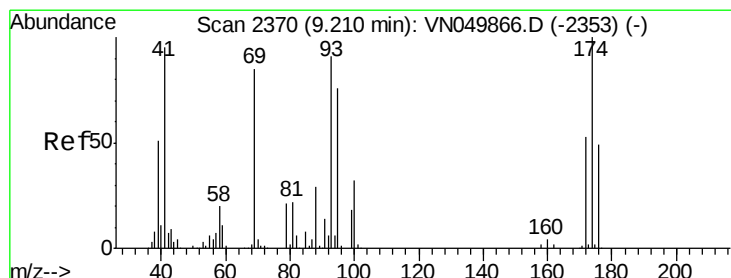
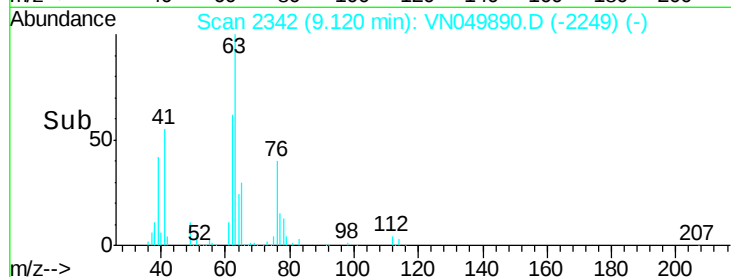
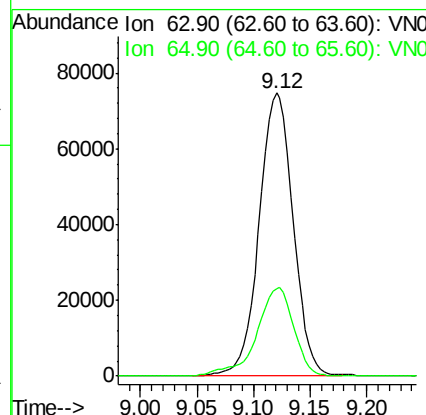
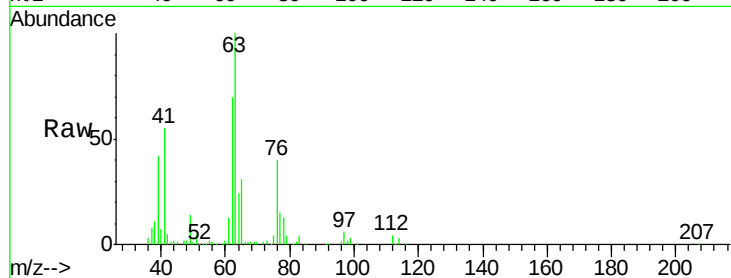




#45
 1,2-Dichloropropane
 Concen: 19.04 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

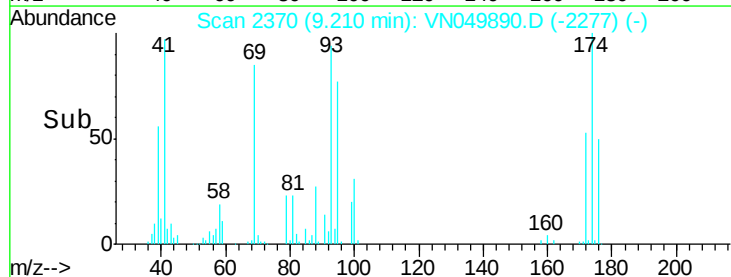
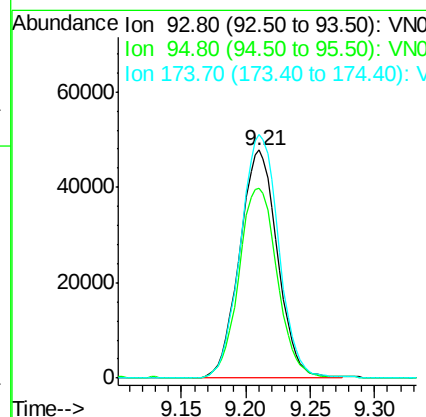
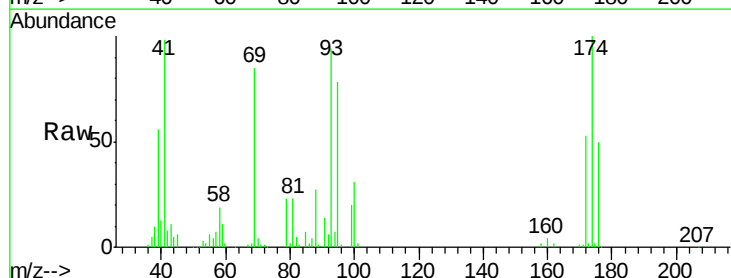
Instrument :
 MSVOA_N
 ClientSampleId :

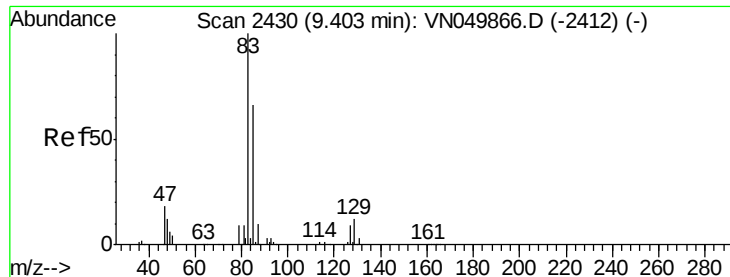
Tot Ion: 63 Resp: 156101
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.31 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 93 Resp: 98162
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.9 101.9
 174 107.8 89.4 134.0





#47

Bromodichloromethane

Concen: 19.71 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

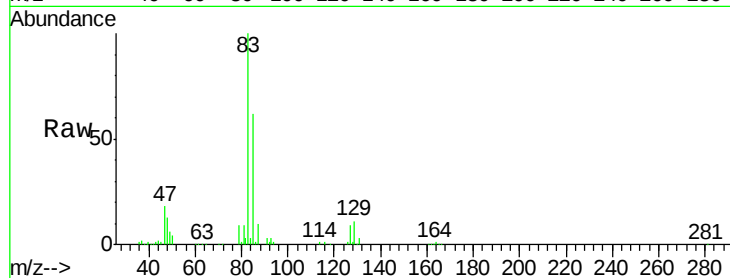
Tot Ion: 83 Resp: 207219

Ion Ratio Lower Upper

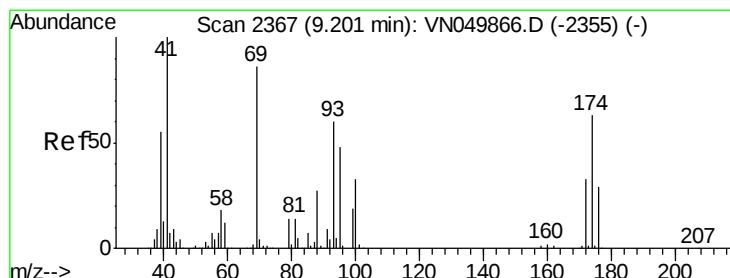
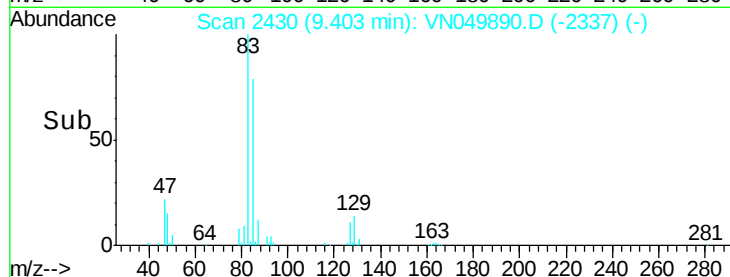
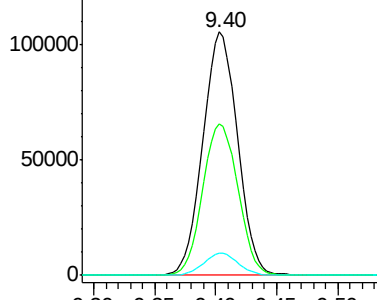
83 100

85 62.2 50.5 75.7

127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.62 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

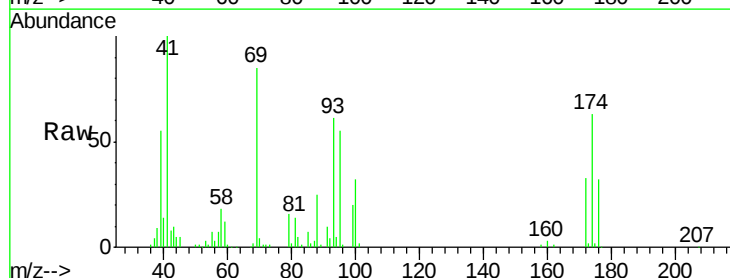
Tgt Ion: 41 Resp: 117751

Ion Ratio Lower Upper

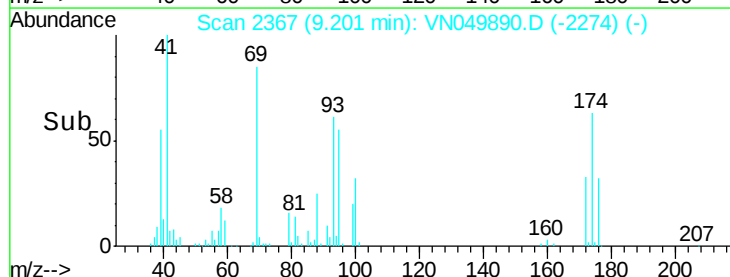
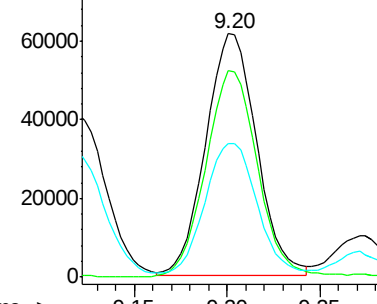
41 100

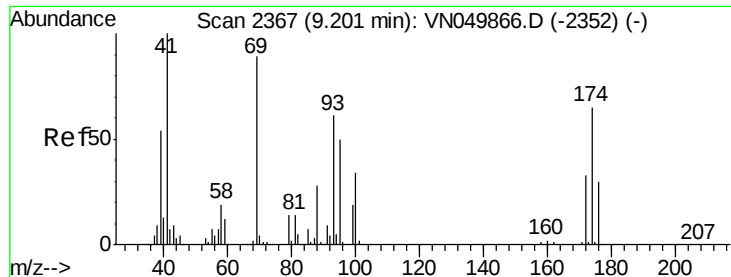
69 86.6 71.5 107.3

39 57.0 44.7 67.1



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

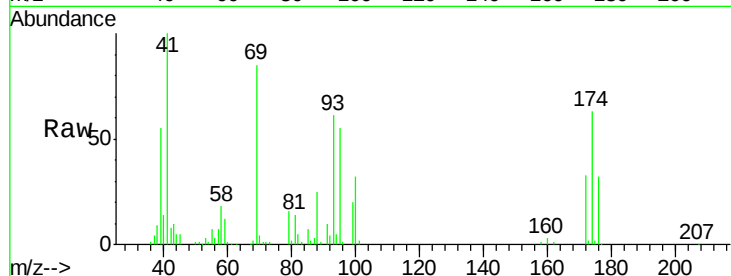




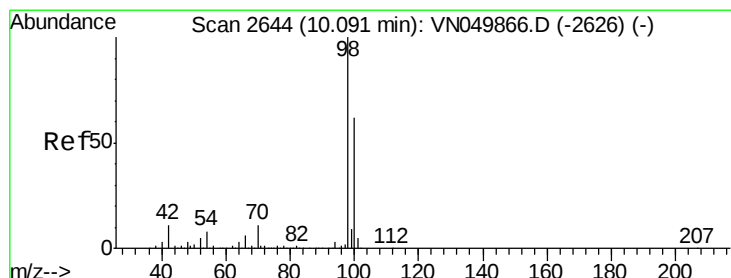
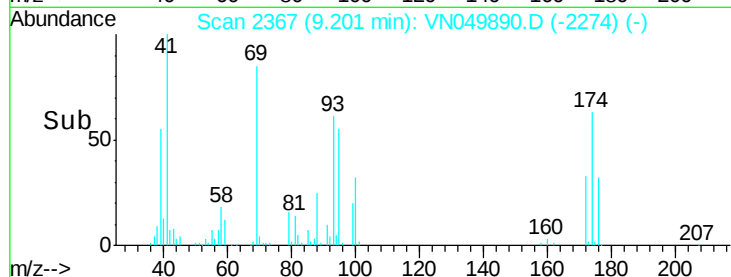
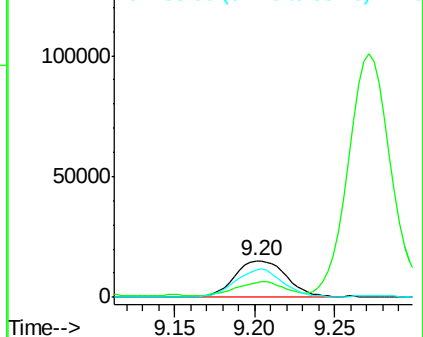
#49
1,4-Dioxane
Concen: 394.76 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 33605
Ion Ratio Lower Upper
88 100
43 34.2 25.1 37.7
58 71.0 52.5 78.7

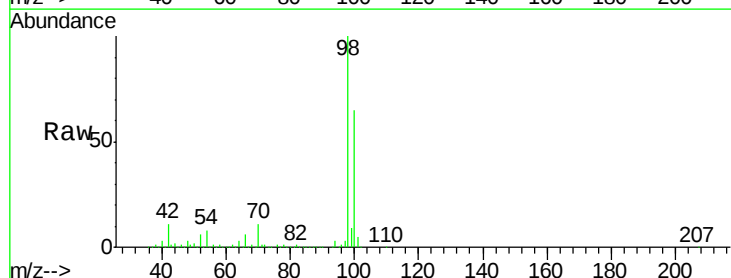


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

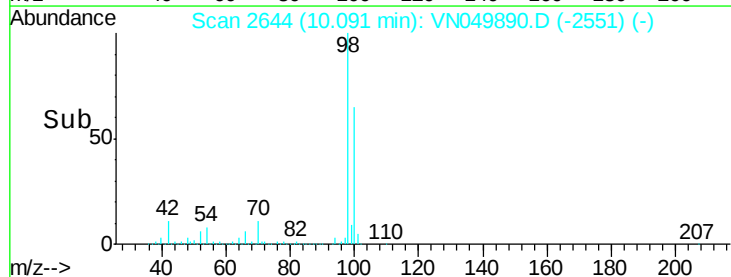
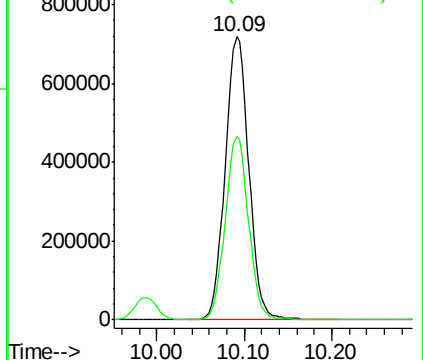


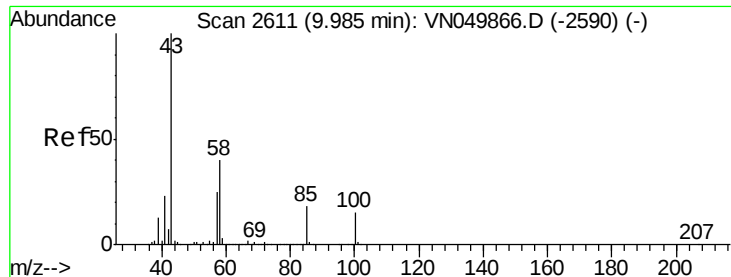
#50
Toluene-d8
Concen: 49.11 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 98 Resp: 1347168
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 104.35 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

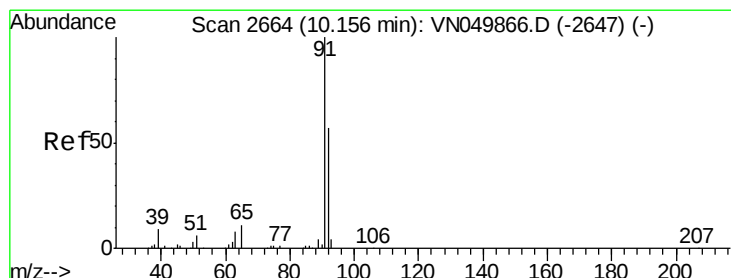
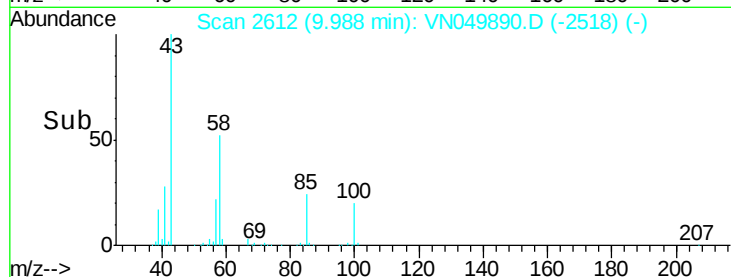
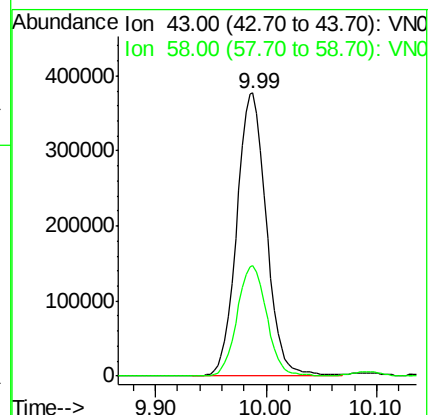
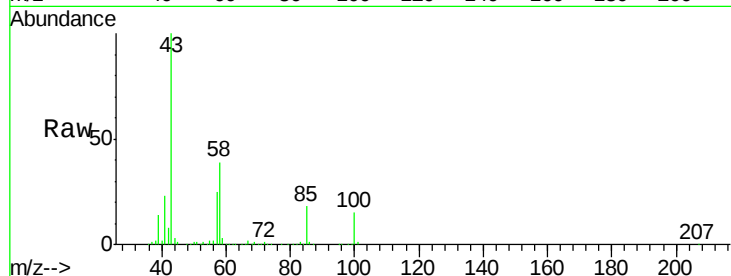
ClientSampled :

Tot Ion: 43 Resp: 697795

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



#52

Toluene

Concen: 20.00 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049890.D

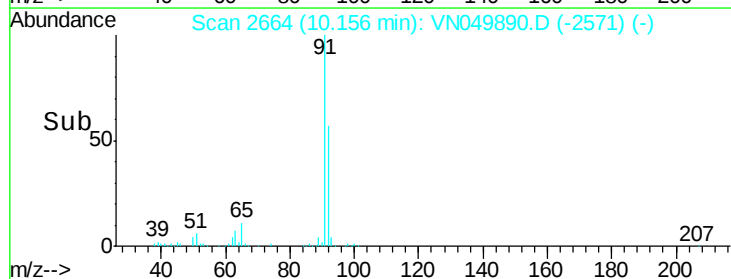
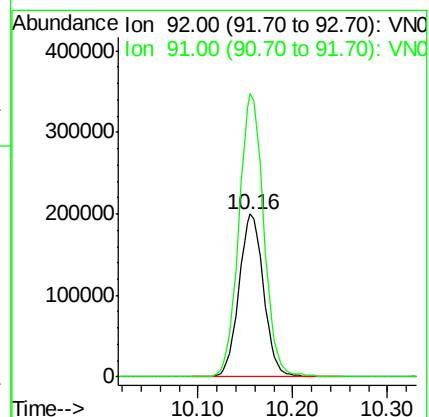
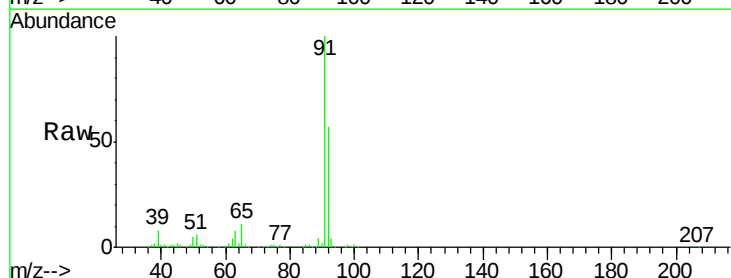
Acq: 18 Jul 2018 23:41

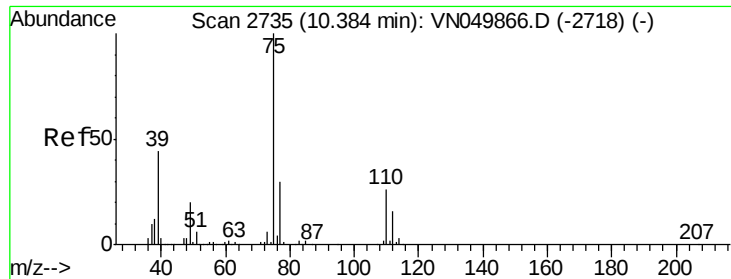
Tgt Ion: 92 Resp: 362598

Ion Ratio Lower Upper

92 100

91 175.4 140.1 210.1

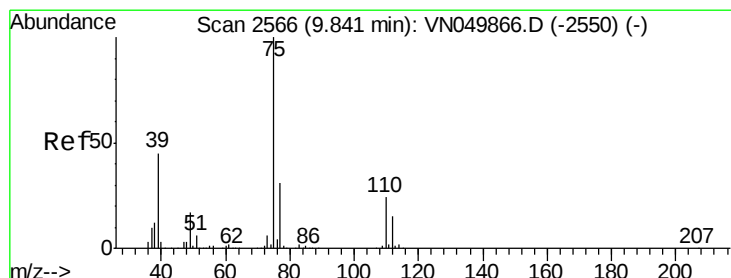
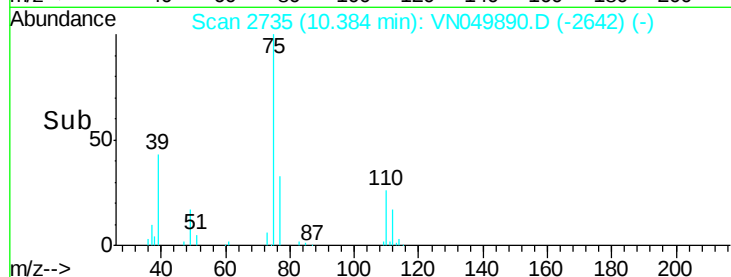
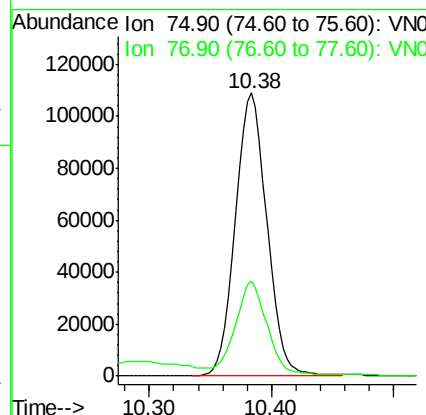
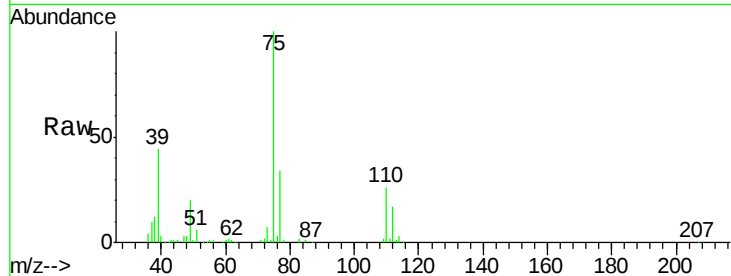




#53
t-1,3-Dichloropropene
Concen: 18.91 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

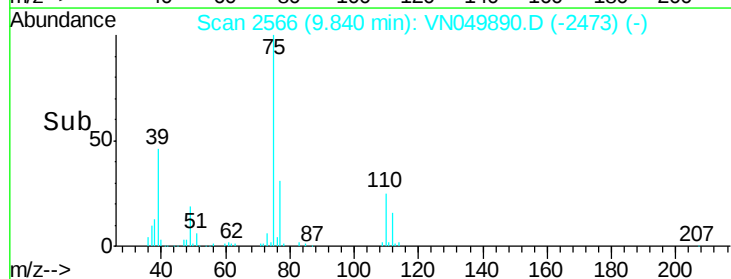
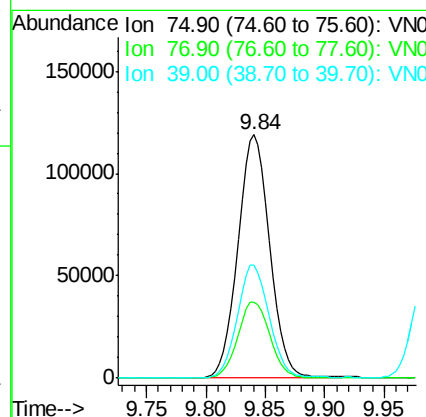
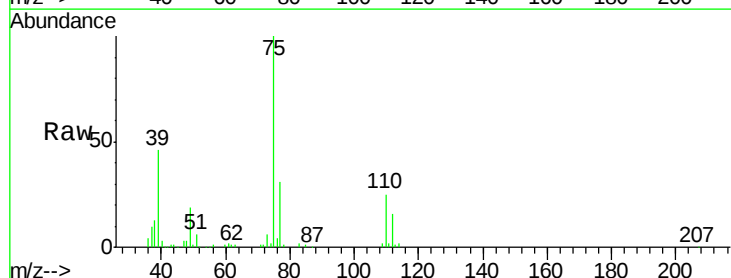
Instrument :
MSVOA_N
ClientSampleId :

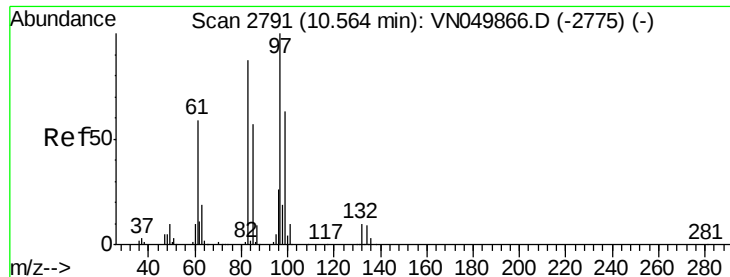
Tot Ion: 75 Resp: 196630
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.25 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 75 Resp: 221213
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 46.3 35.5 53.3

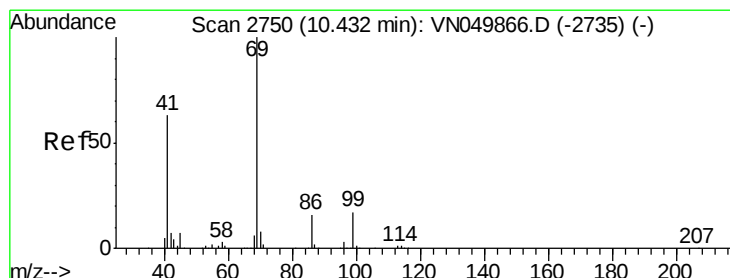
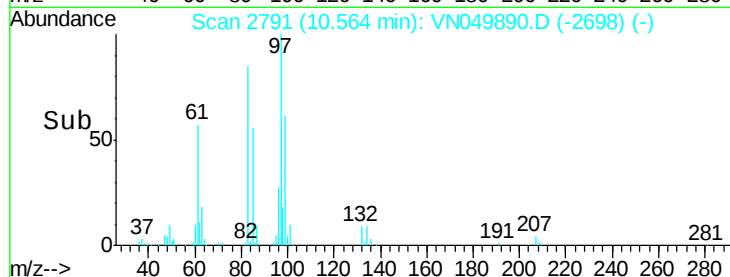
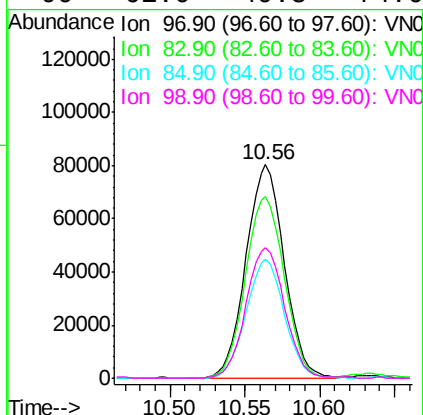
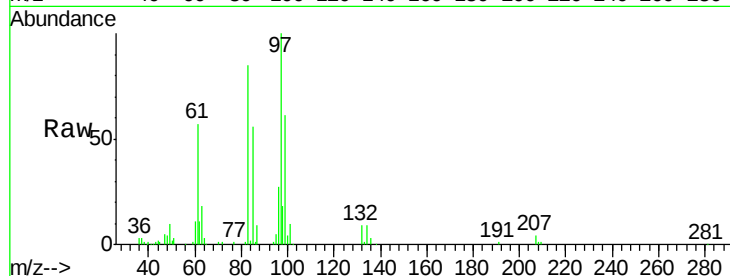




#55
 1,1,2-Trichloroethane
 Concen: 19.12 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

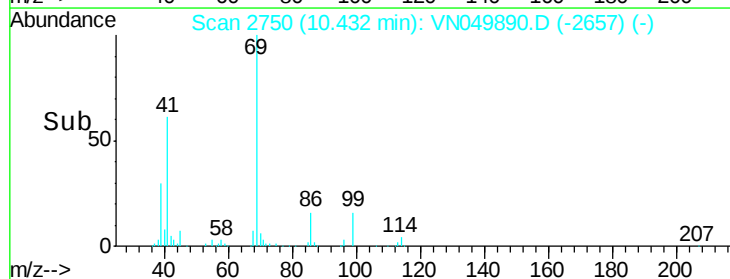
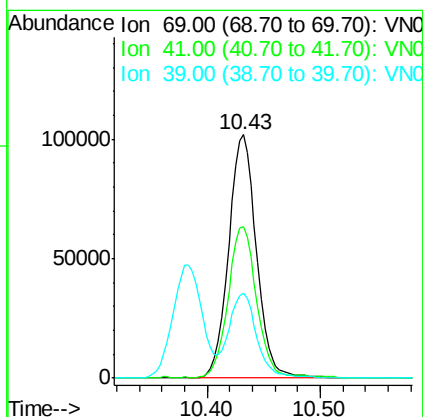
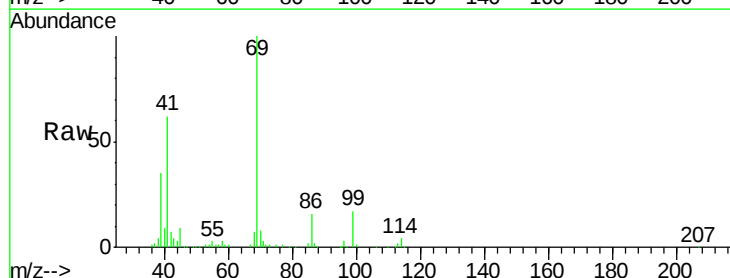
Instrument :
 MSVOA_N
 ClientSampled :

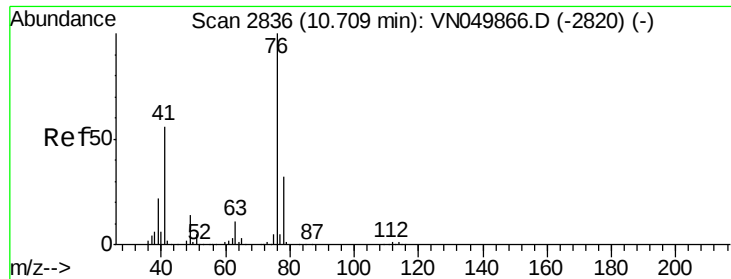
Tot Ion:	97	Resp:	143202
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.0	103.6
85	55.8	44.9	67.3
99	61.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.77 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion:	69	Resp:	174576
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.6	77.4
39	34.1	25.8	38.8

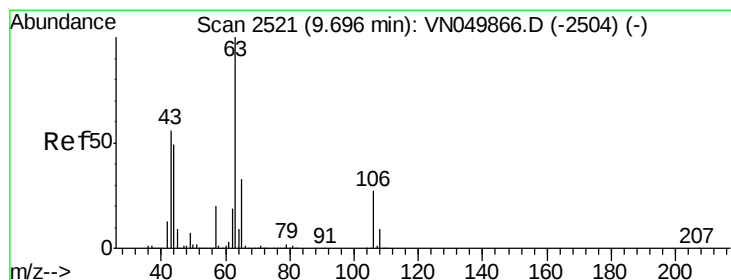
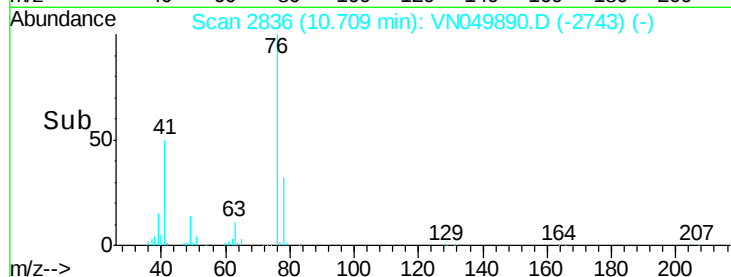
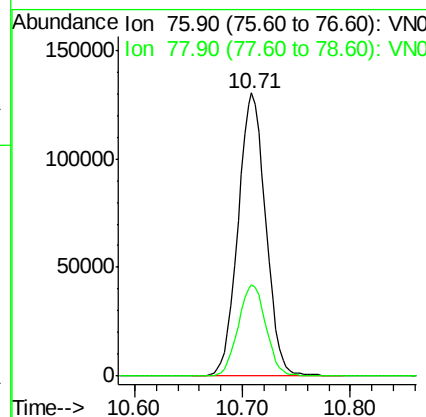
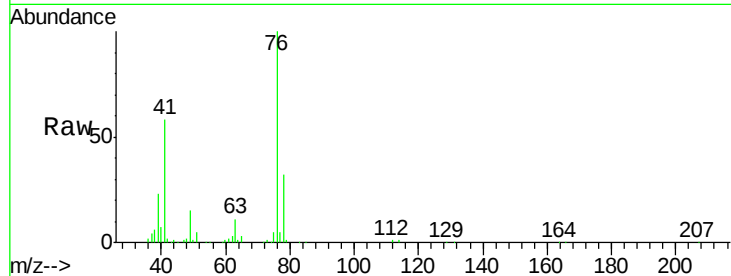




#57
 1,3-Dichloropropane
 Concen: 19.75 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

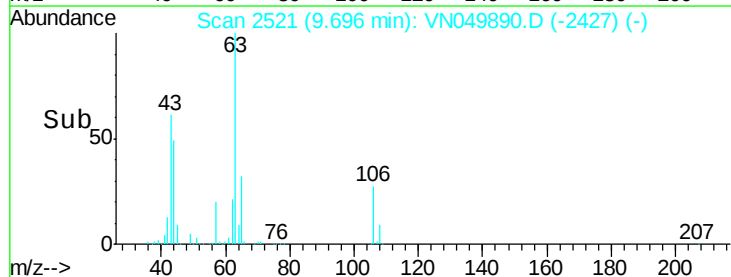
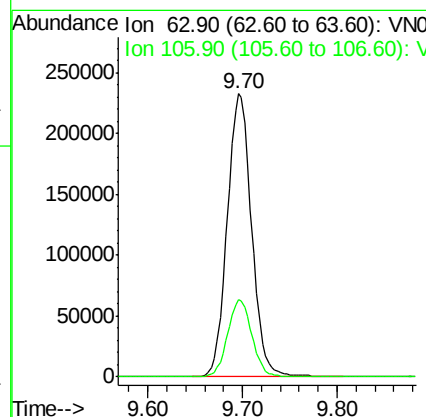
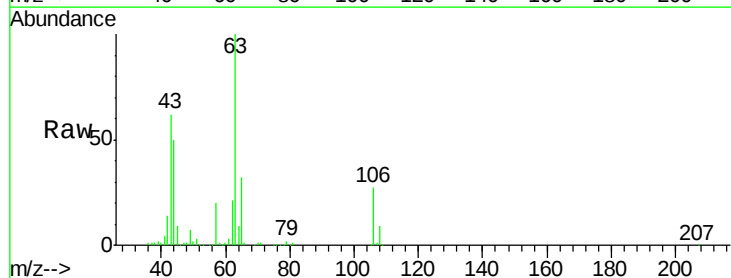
Instrument :
 MSVOA_N
 ClientSampled :

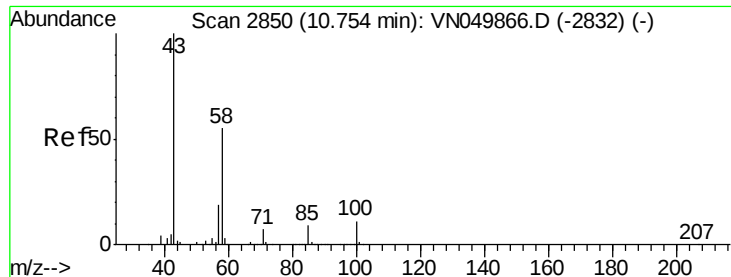
Tot Ion: 76 Resp: 232886
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.29 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 63 Resp: 416088
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.8

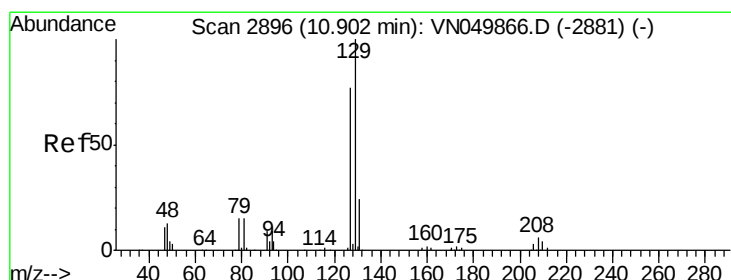
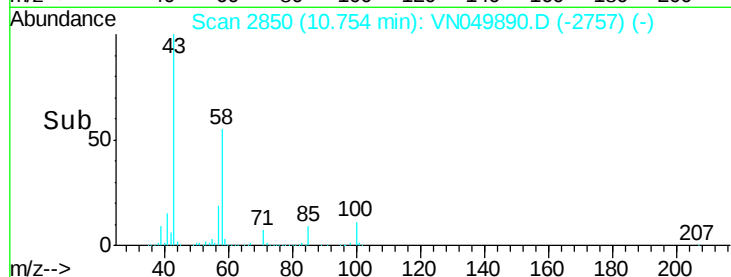
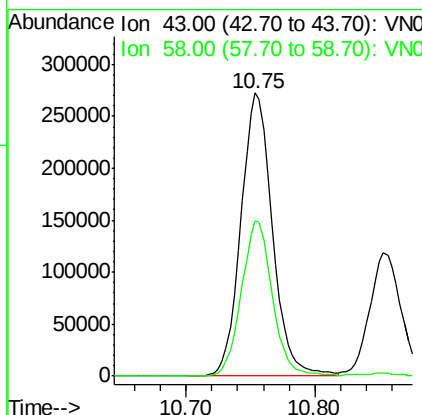
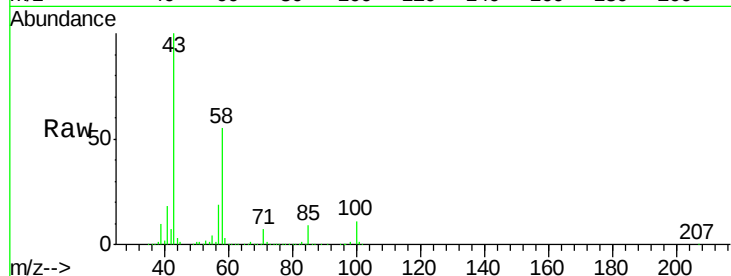




#59
2-Hexanone
Concen: 102.68 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

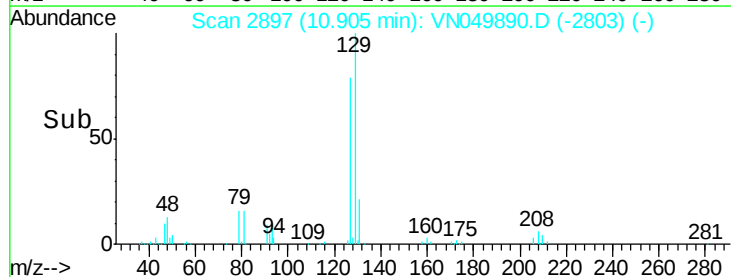
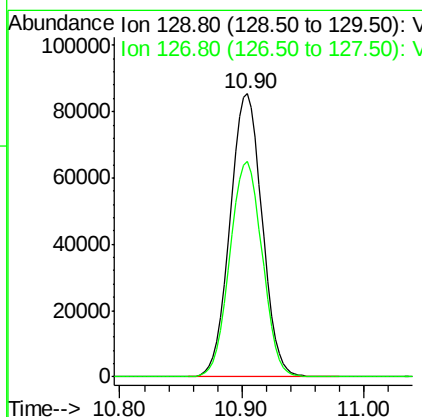
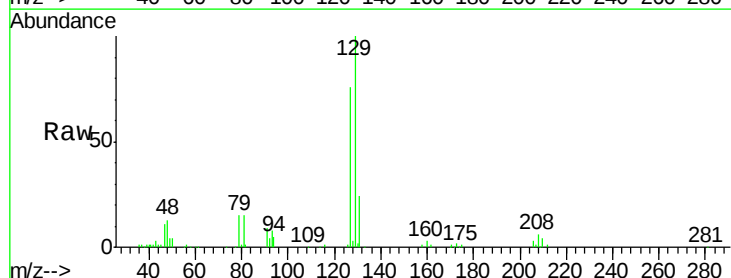
Instrument :
MSVOA_N
ClientSampleId :

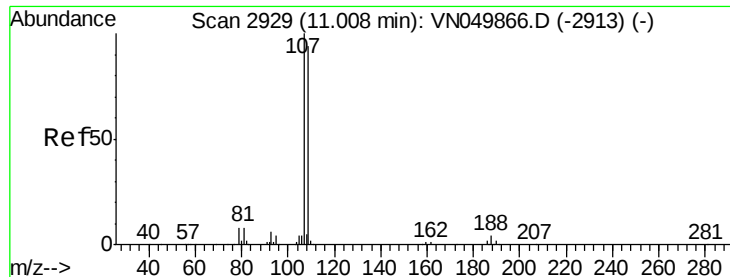
Tot Ion: 43 Resp: 461229
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4



#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 129 Resp: 156374
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9

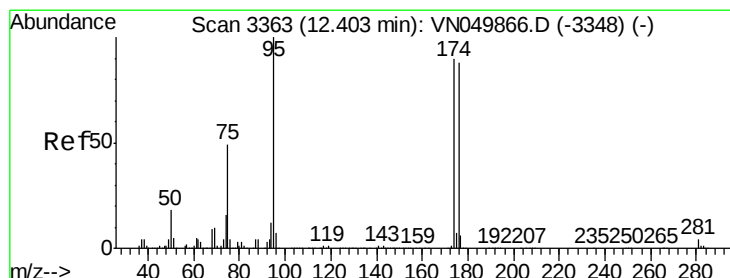
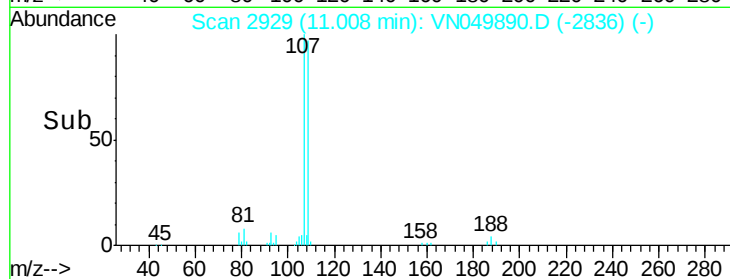
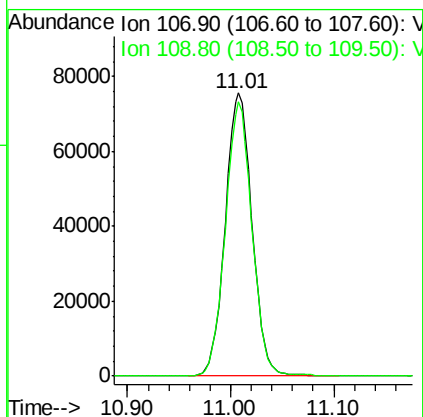
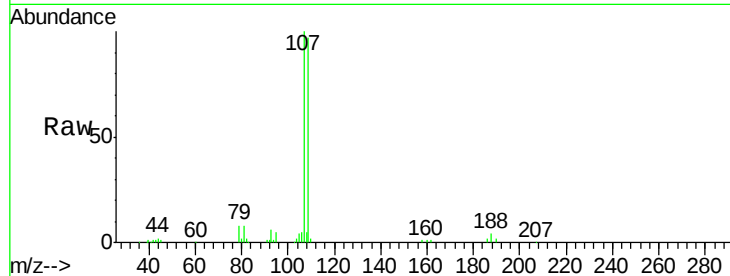




#61
 1,2-Dibromoethane
 Concen: 19.57 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

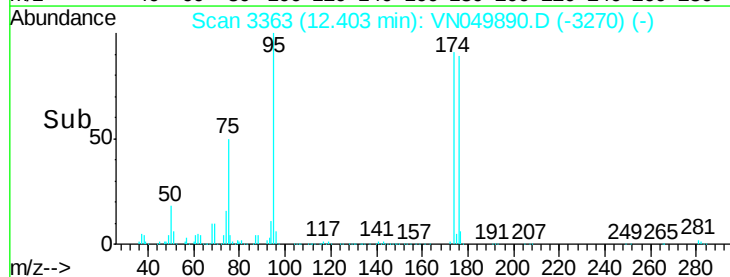
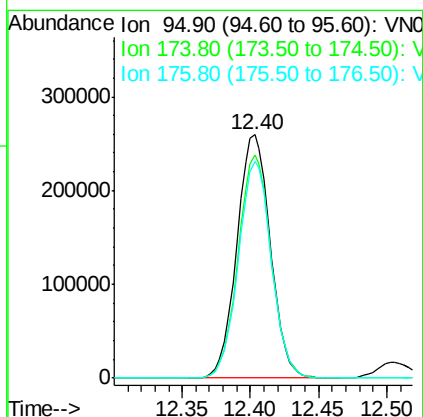
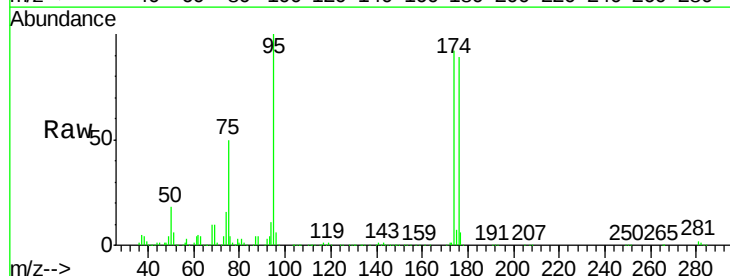
Instrument :
 MSVOA_N
 ClientSampleId :

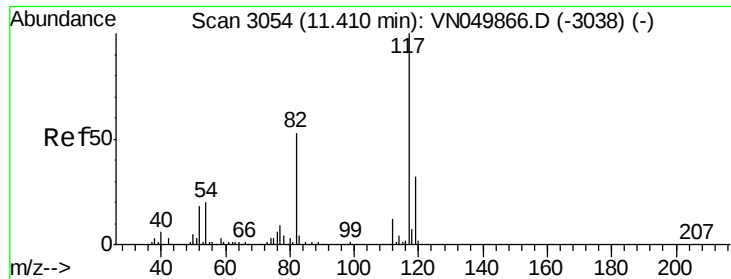
Tot Ion: 107 Resp: 136968
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.72 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion: 95 Resp: 441364
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 179.6
 176 87.7 0.0 174.0

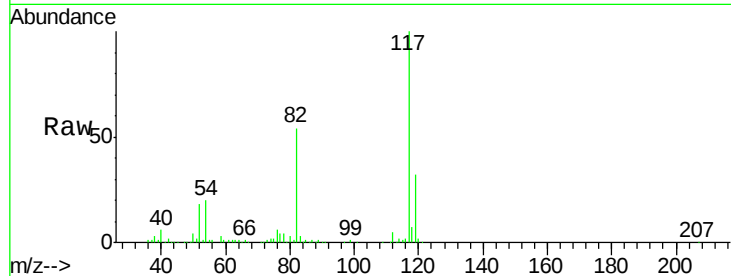




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.9	62.9
119	32.1	25.4	38.2

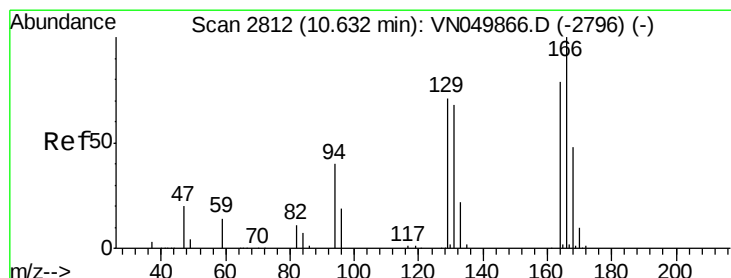
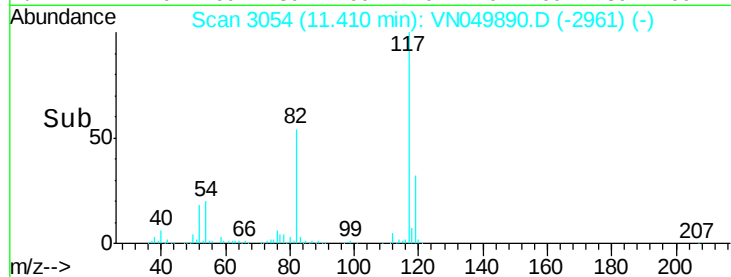
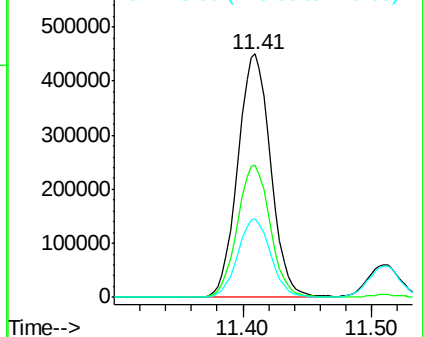


Abundance

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: 19.59 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.8	152.6
129	90.8	72.8	109.2
131	87.8	70.0	105.0

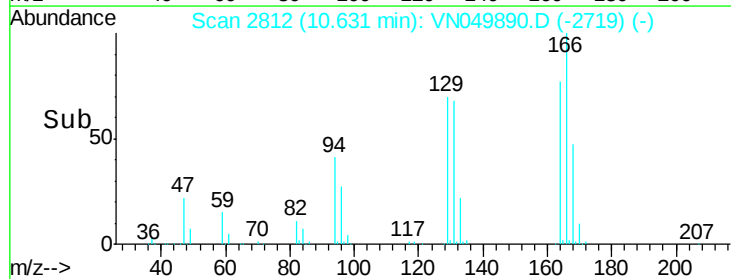
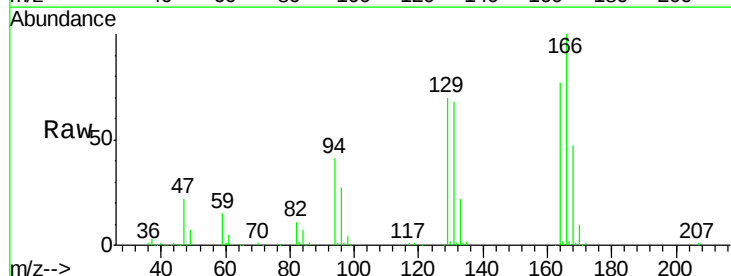
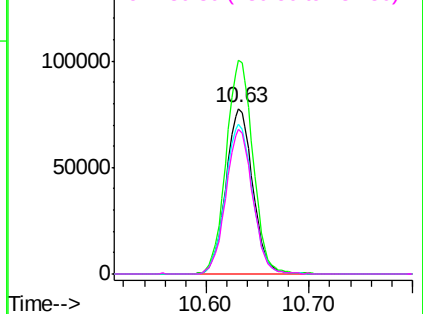
Abundance

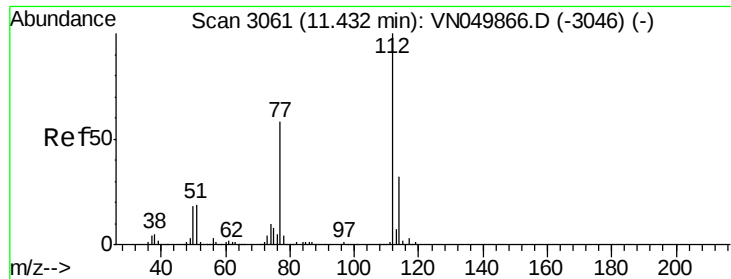
Ion 163.80 (163.50 to 164.50): V

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

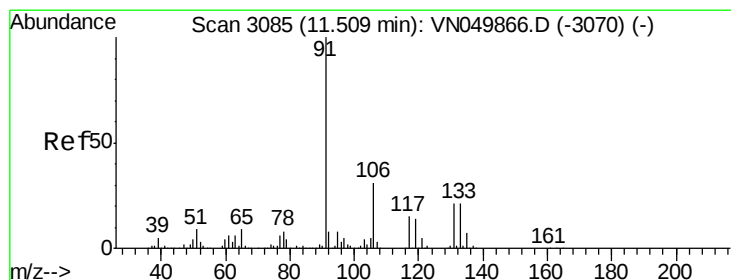
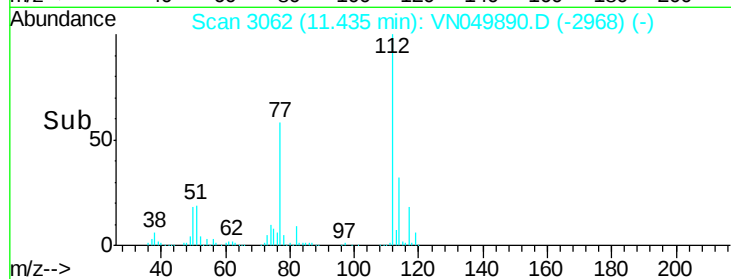
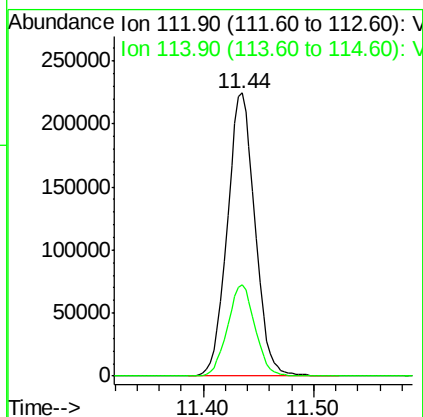
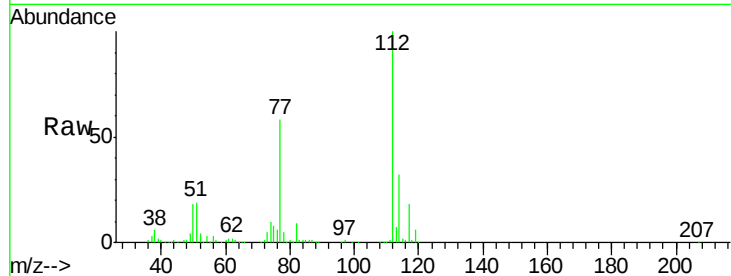




#65
Chlorobenzene
Concen: 19.47 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

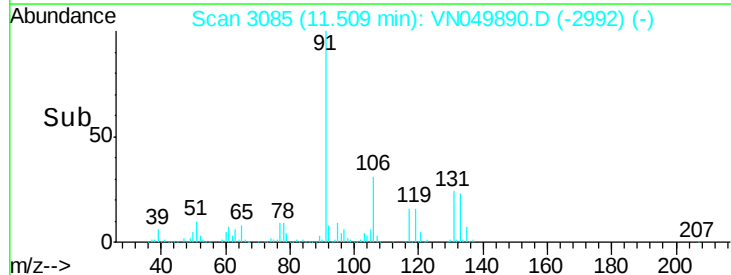
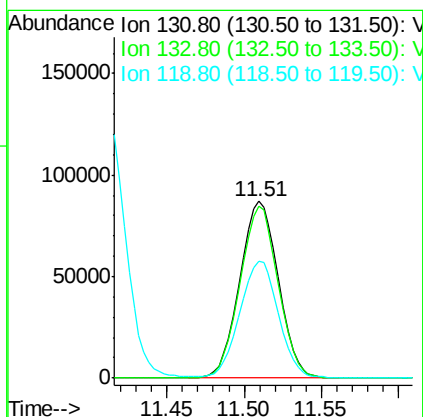
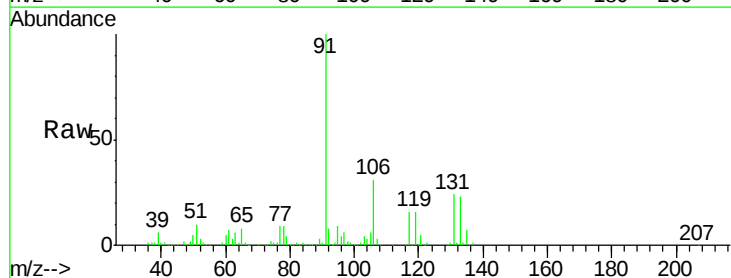
Instrument :
MSVOA_N
ClientSampled :

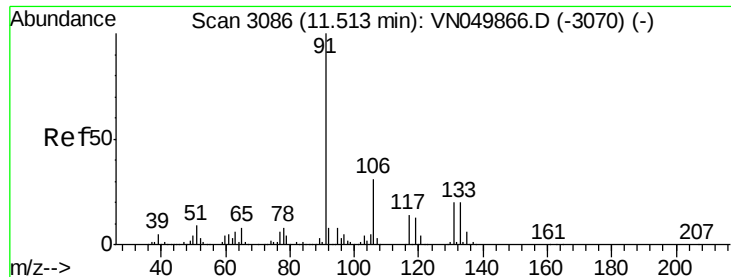
Tot Ion:112 Resp: 390094
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.49 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion:131 Resp: 151217
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.7 33.1 99.3

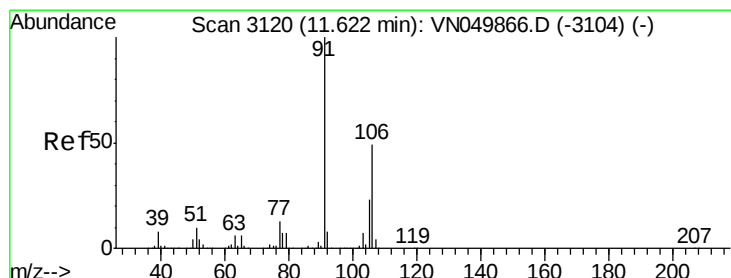
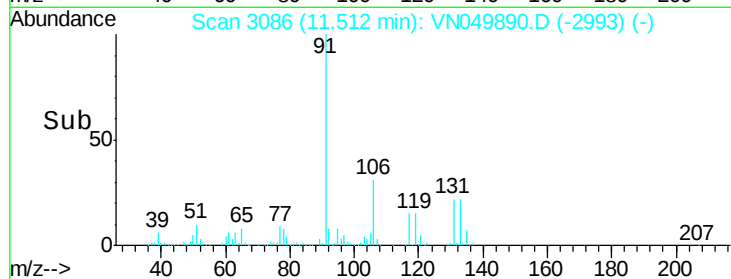
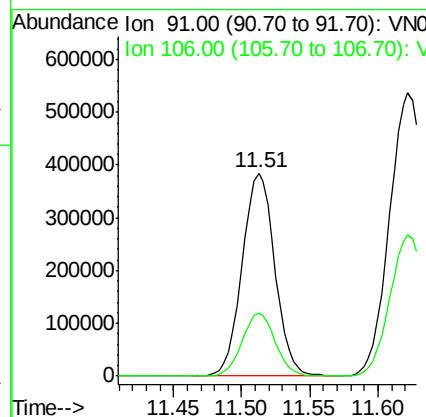
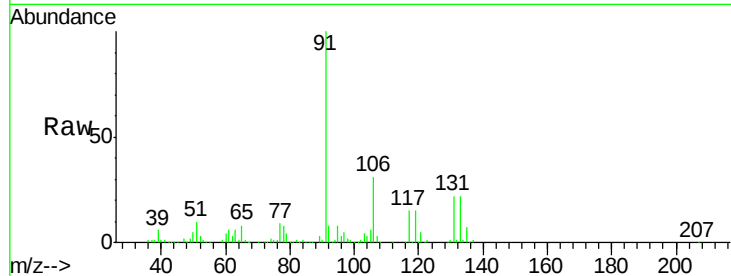




#67
Ethyl Benzene
Concen: 19.67 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

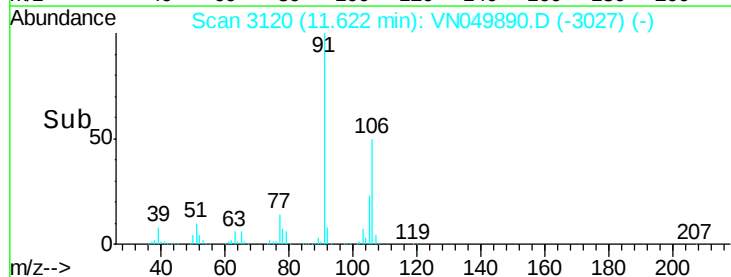
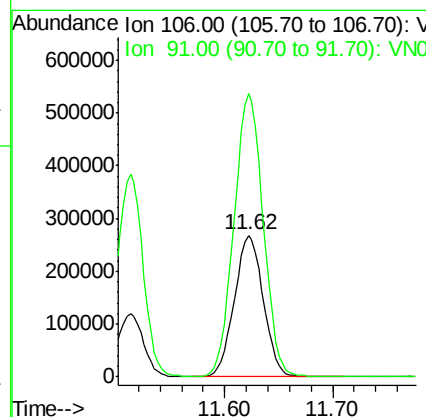
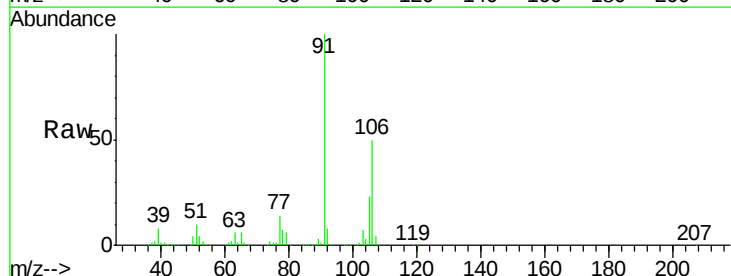
Instrument :
MSVOA_N
ClientSampled :

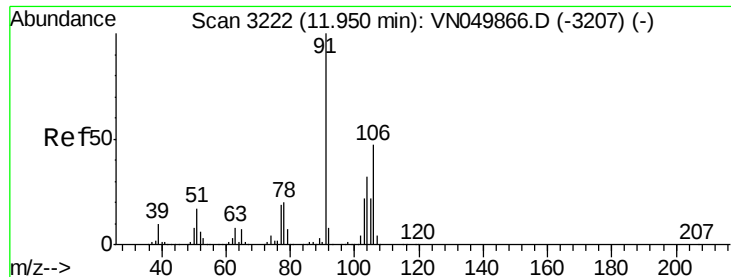
Tot Ion: 91 Resp: 639285
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 40.91 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 106 Resp: 503275
Ion Ratio Lower Upper
106 100
91 201.3 163.4 245.2

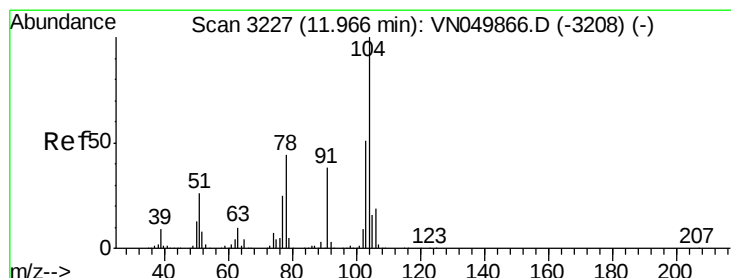
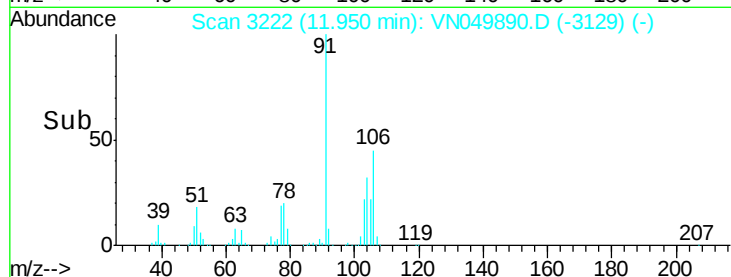
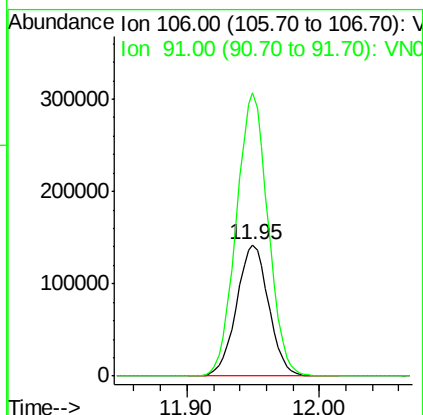
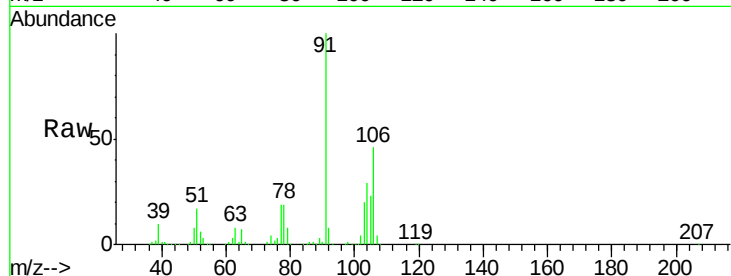




#69
o-Xylene
Concen: 20.24 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

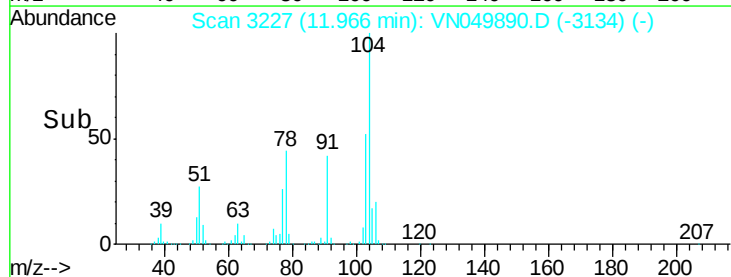
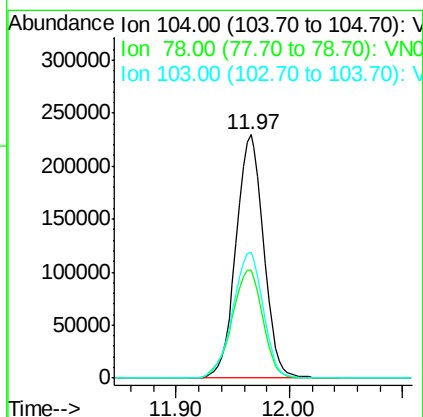
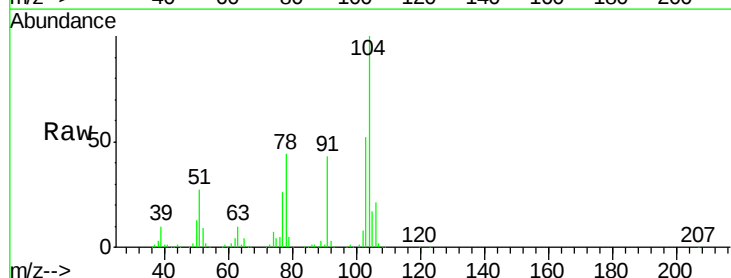
Instrument :
MSVOA_N
ClientSampleId :

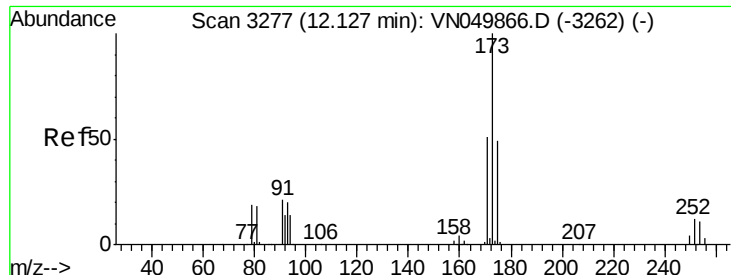
Tot Ion:106 Resp: 239109
Ion Ratio Lower Upper
106 100
91 213.5 108.7 326.1



#70
Styrene
Concen: 20.45 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion:104 Resp: 391444
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 56.9 44.6 67.0

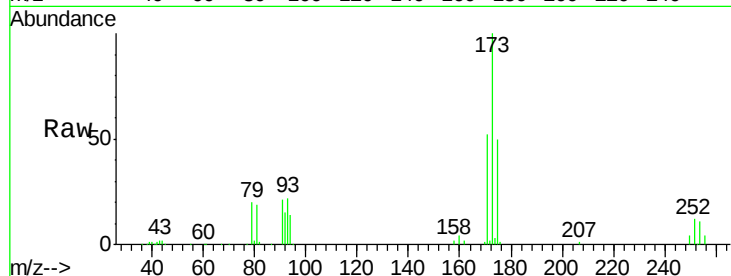




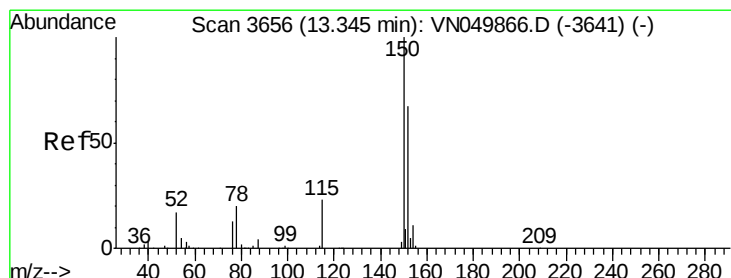
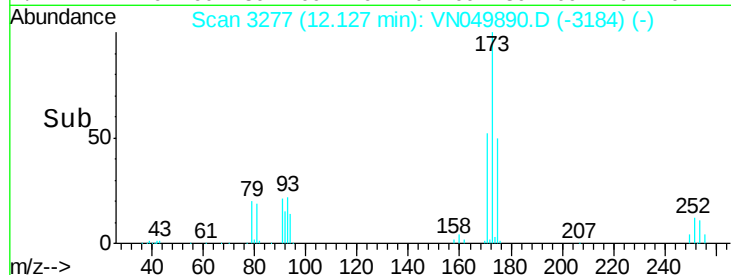
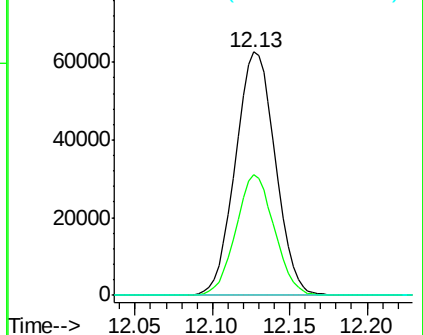
#71
Bromoform
Concen: 20.20 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 112104
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.1 0.2 0.2#

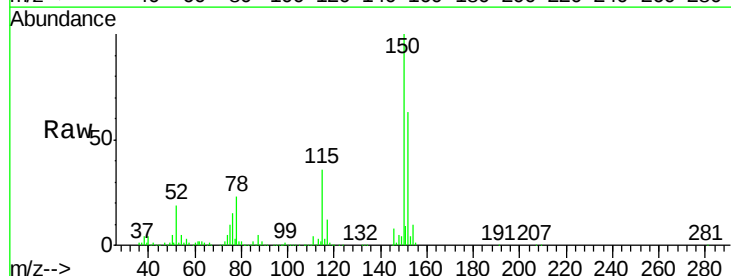


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

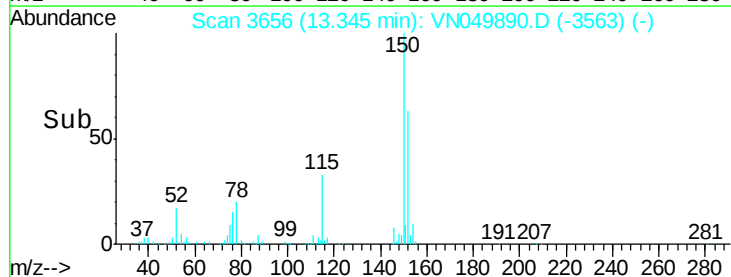
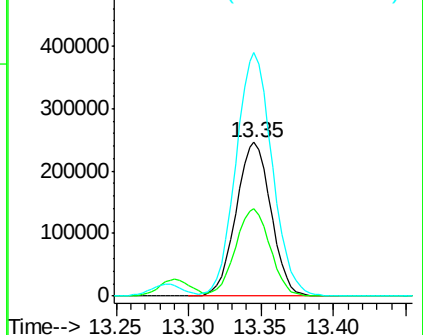


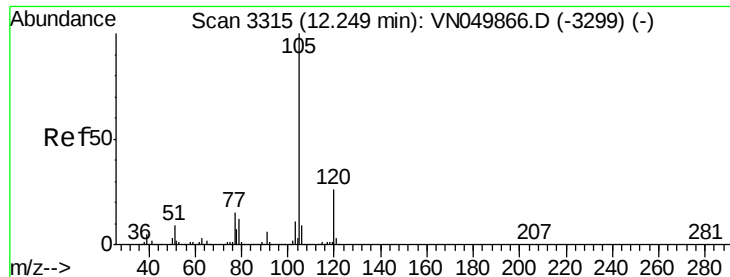
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion:152 Resp: 410263
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 165.1 0.0 347.6



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: 20.42 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

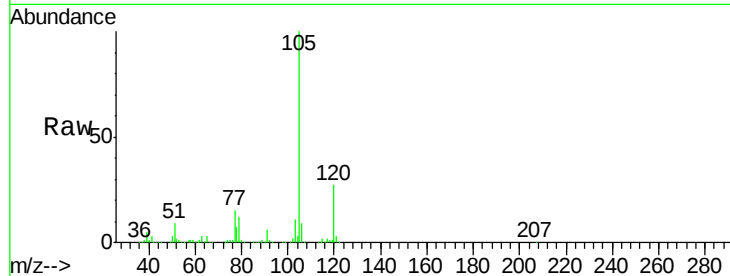
ClientSampleId :

Tot Ion:105 Resp: 636284

Ion Ratio Lower Upper

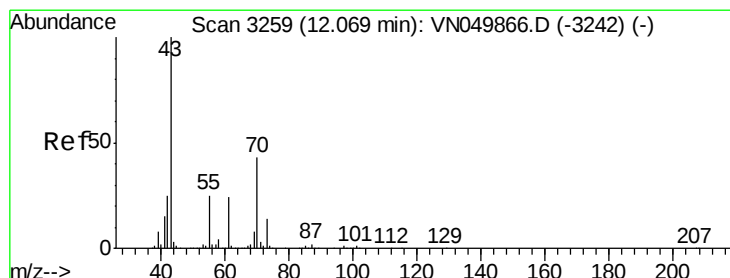
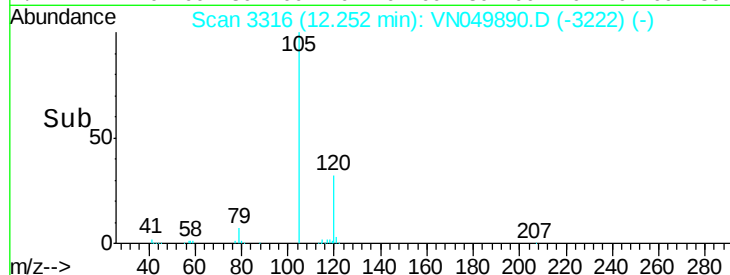
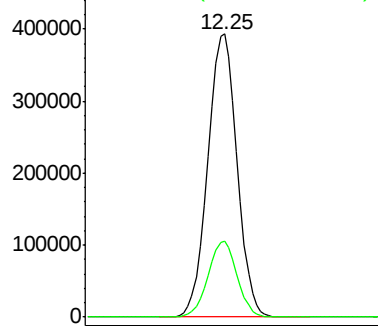
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.48 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Tgt Ion: 43 Resp: 194230

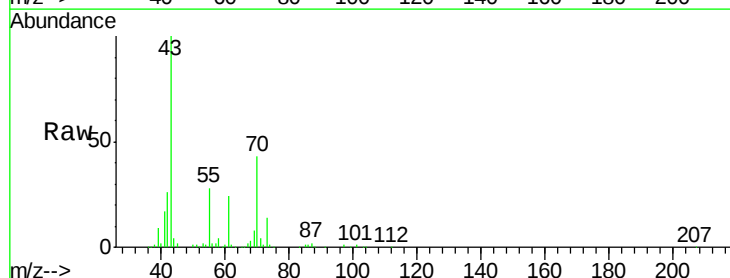
Ion Ratio Lower Upper

43 100

70 42.3 34.8 52.2

55 27.9 20.9 31.3

61 23.9 19.9 29.9

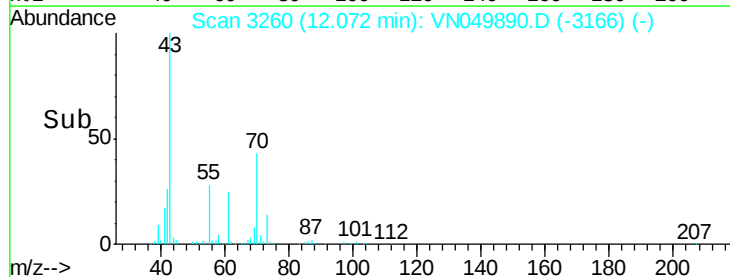
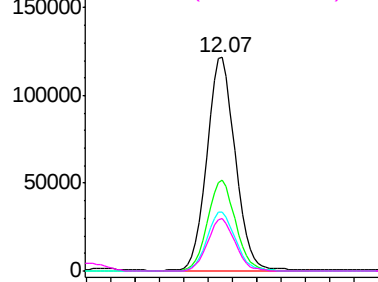


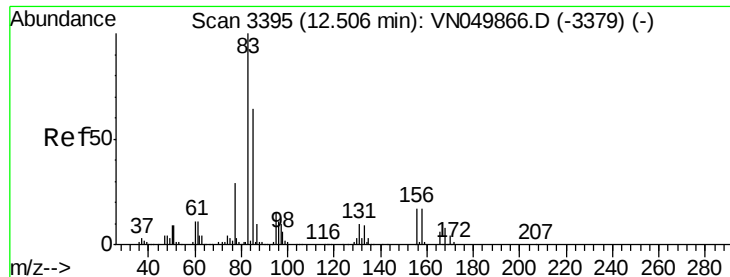
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.24 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

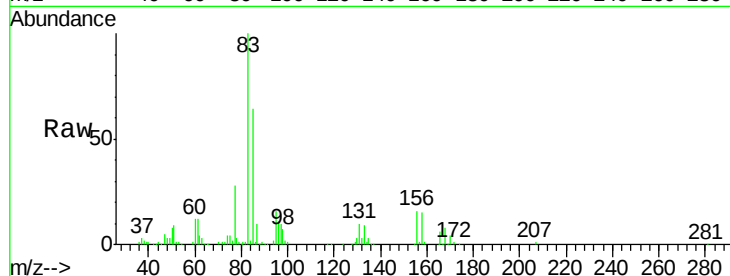
Tot Ion: 83 Resp: 188970

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 63.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049866.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049866.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049866.D (-3379) (-)

12.51

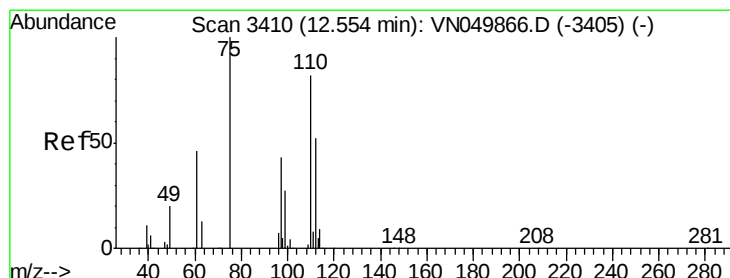
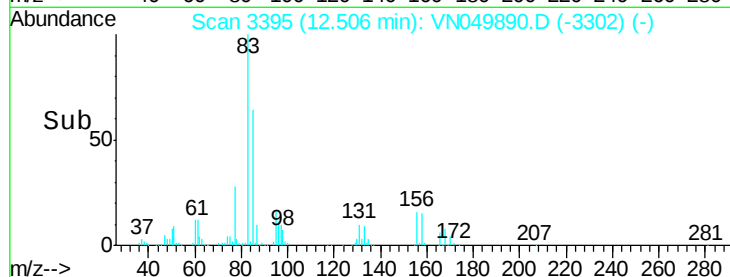
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.63 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049890.D

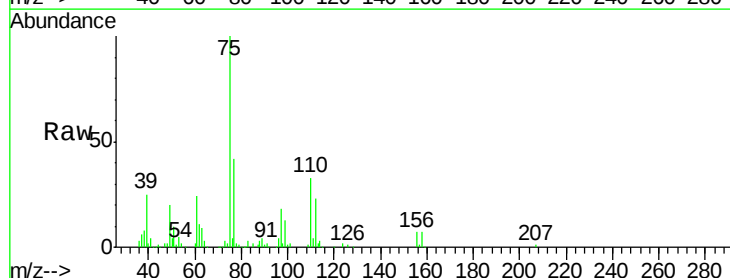
Acq: 18 Jul 2018 23:41

Tgt Ion: 75 Resp: 220360

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049866.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049866.D (-3405) (-)

12.55

150000

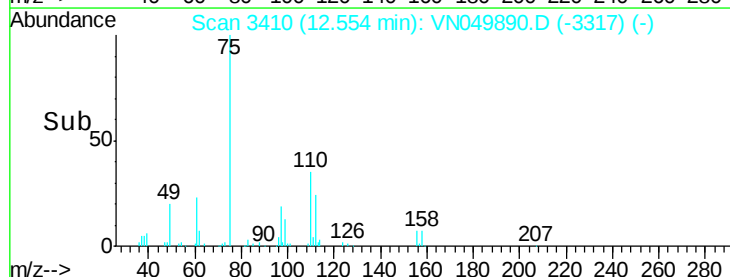
100000

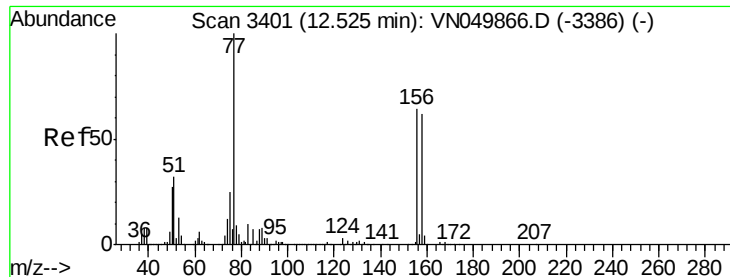
50000

0

12.50 12.60

Time-->





#77

Bromobenzene

Concen: 19.75 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

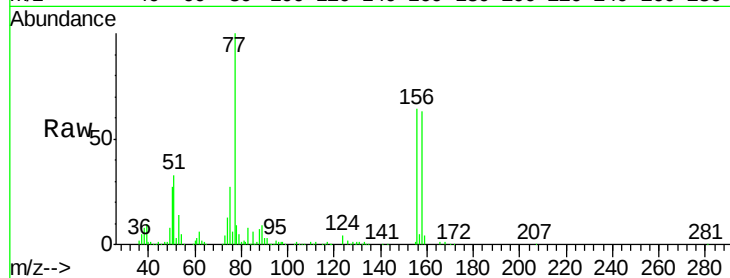
Tot Ion:156 Resp: 169952

Ion Ratio Lower Upper

156 100

77 185.8 90.2 270.6

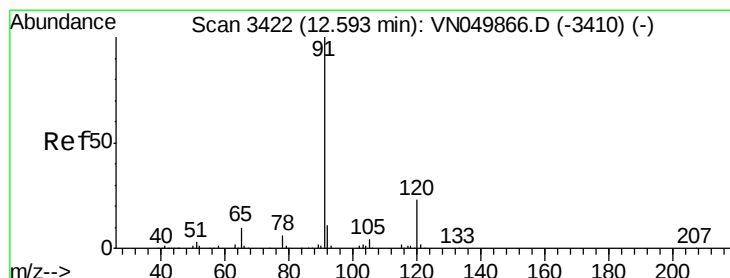
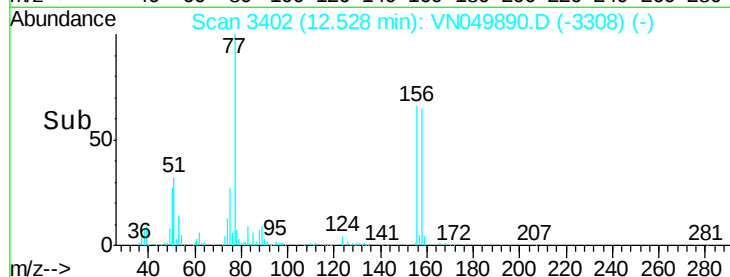
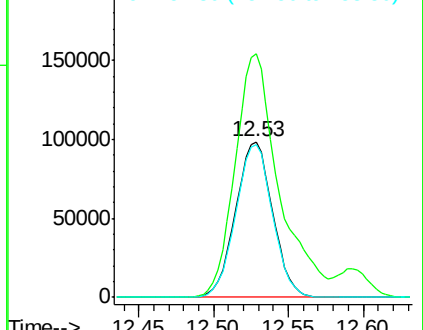
158 97.6 49.1 147.3



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: 20.50 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049890.D

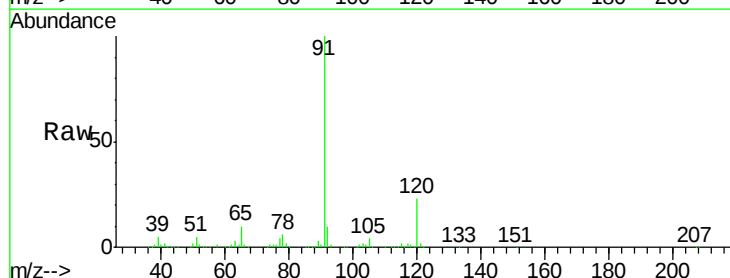
Acq: 18 Jul 2018 23:41

Tgt Ion: 91 Resp: 726374

Ion Ratio Lower Upper

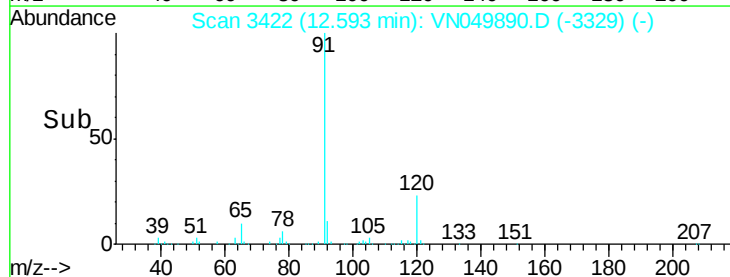
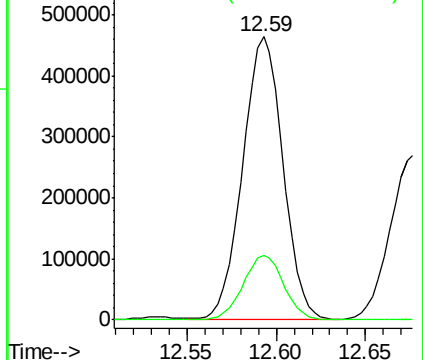
91 100

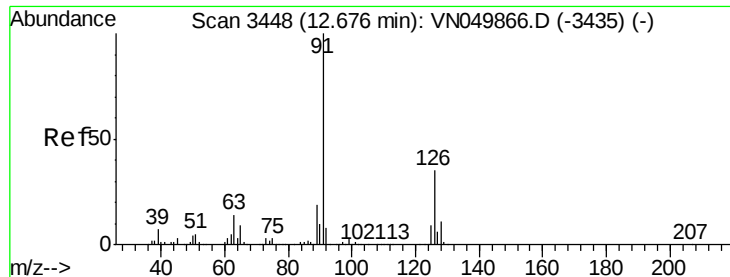
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.61 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

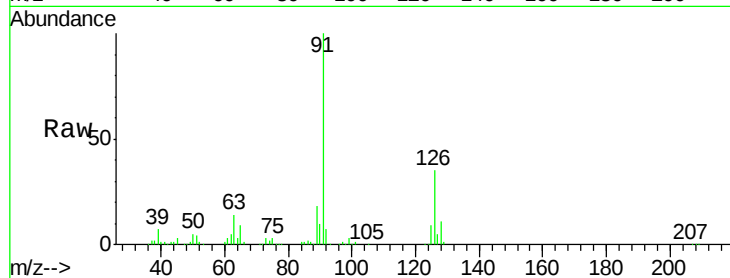
ClientSampleId :

Tot Ion: 91 Resp: 448462

Ion Ratio Lower Upper

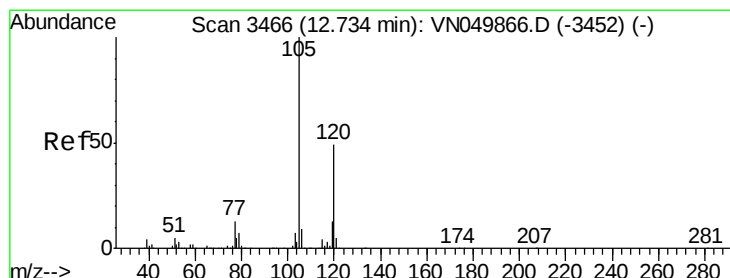
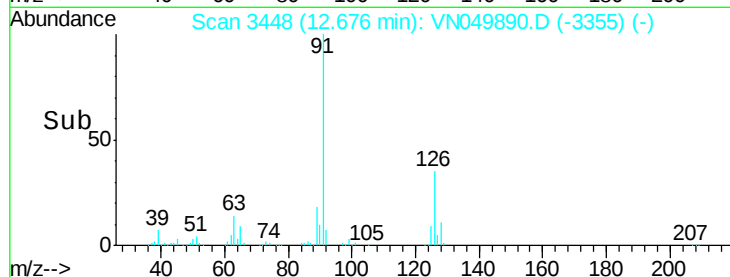
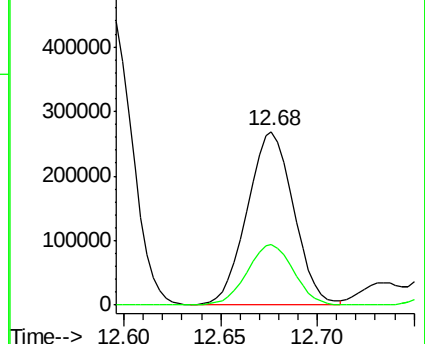
91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049866.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.88 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049890.D

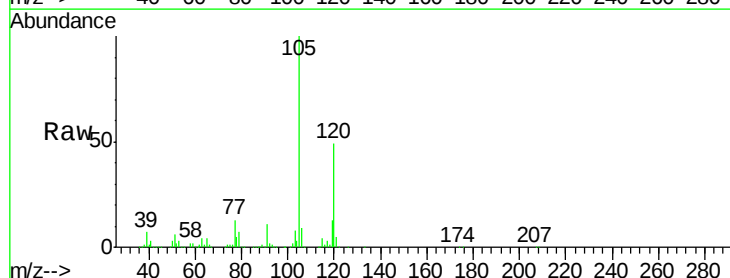
Acq: 18 Jul 2018 23:41

Tgt Ion: 105 Resp: 521441

Ion Ratio Lower Upper

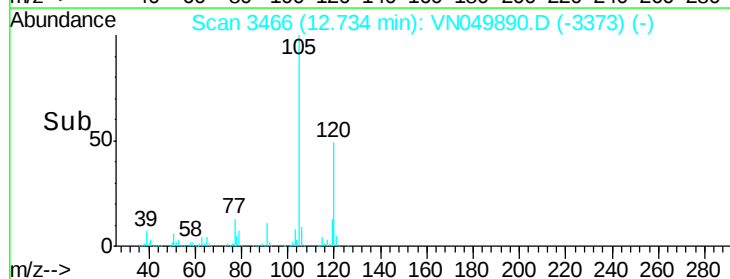
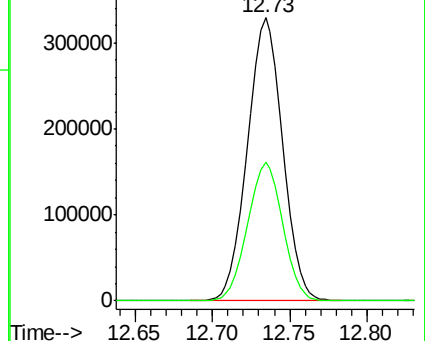
105 100

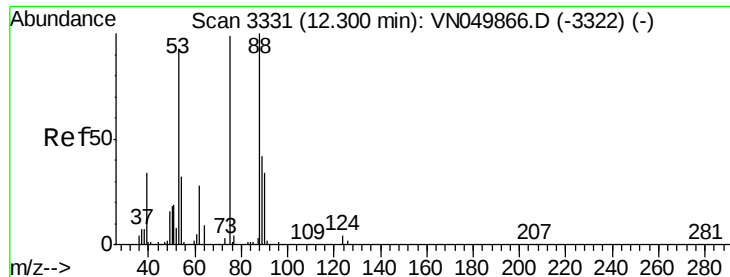
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049866.D (-3452) (-)

Ion 120.00 (119.70 to 120.70): VN049866.D (-3452) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.80 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

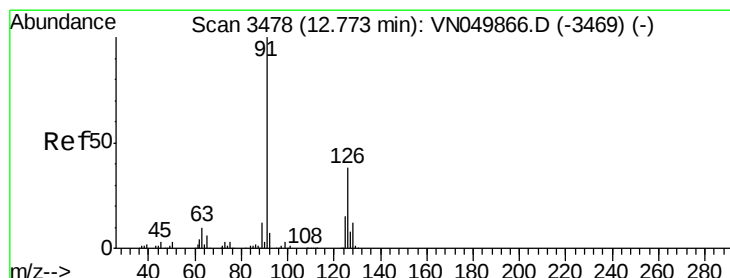
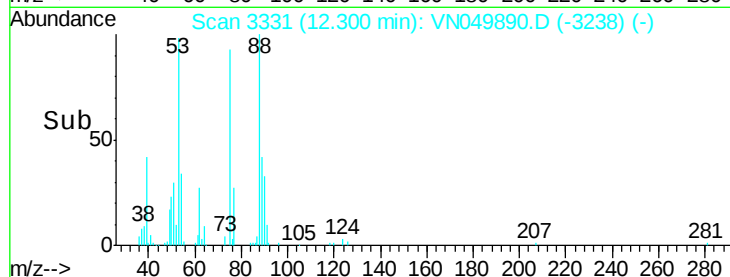
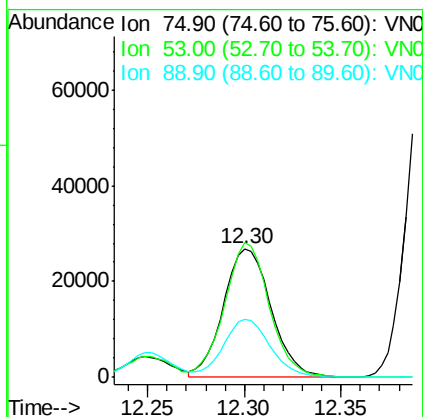
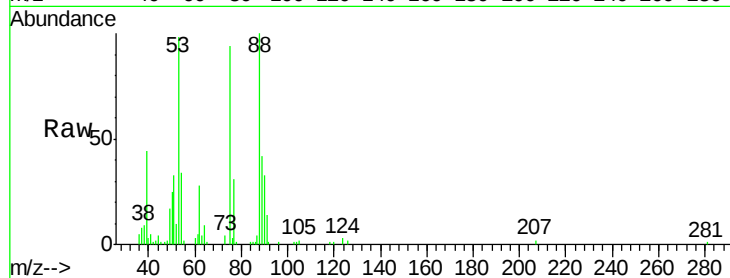
Tot Ion: 75 Resp: 46259

Ion Ratio Lower Upper

75 100

53 98.4 73.9 110.9

89 43.8 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.80 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049890.D

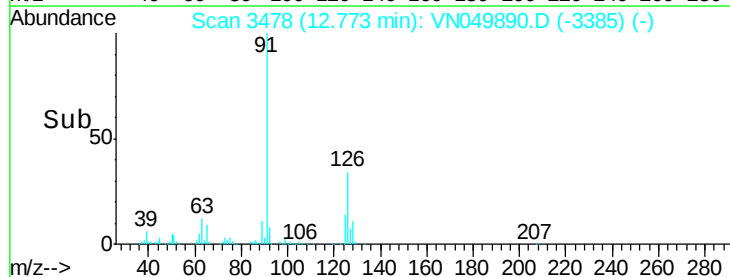
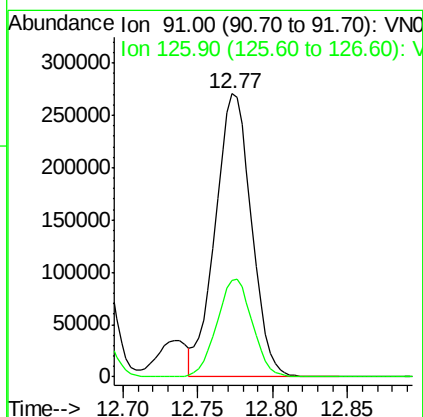
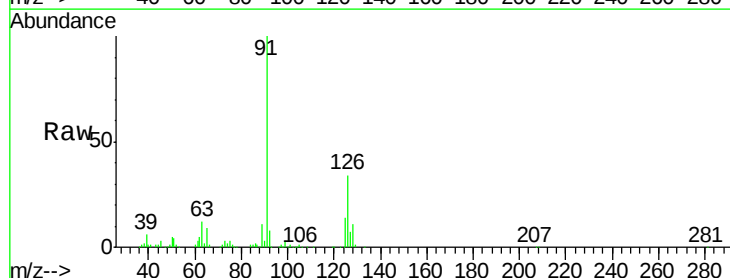
Acq: 18 Jul 2018 23:41

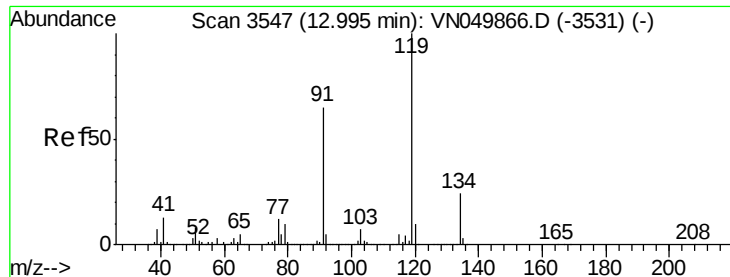
Tgt Ion: 91 Resp: 453898

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6

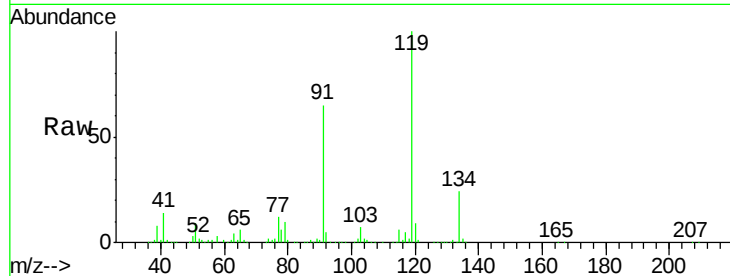




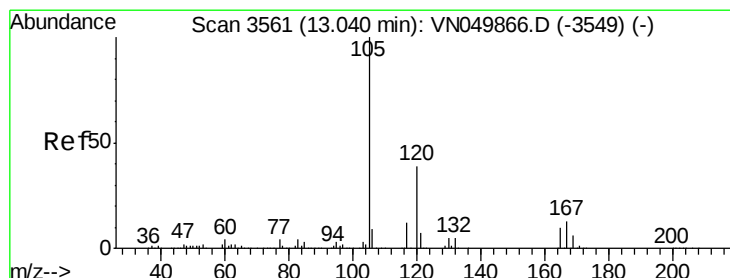
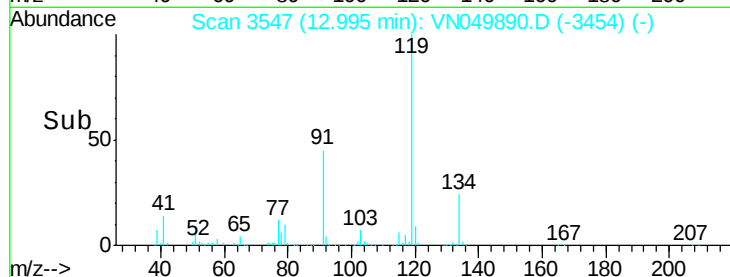
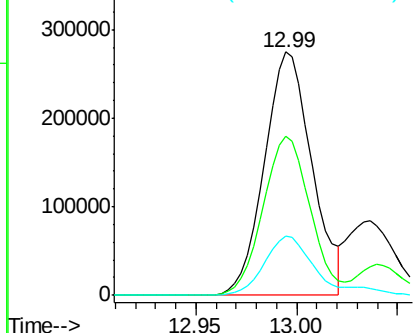
#83
 tert-Butylbenzene
 Concen: 20.54 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 450492
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.0 96.2
 134 24.1 12.8 38.4

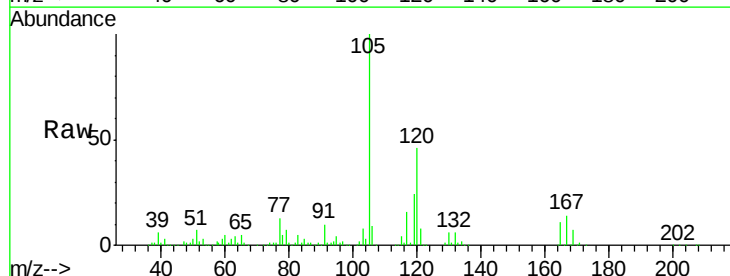


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

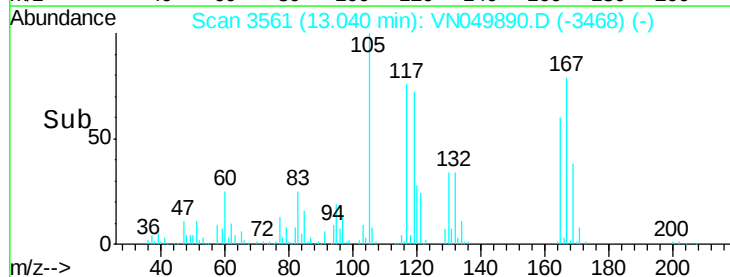
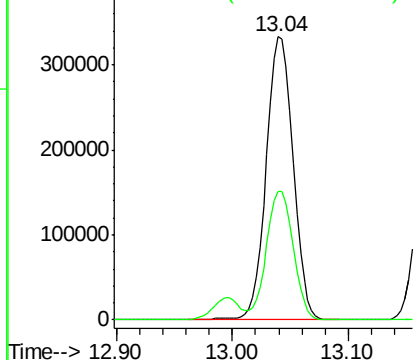


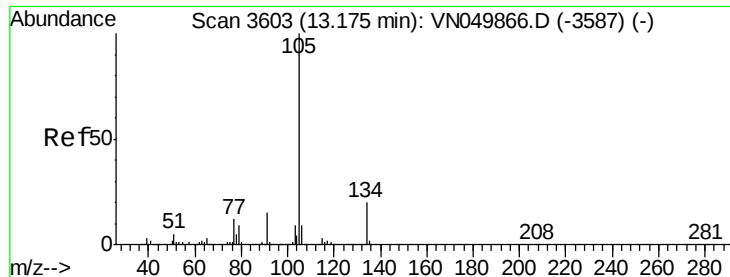
#84
 1,2,4-Trimethylbenzene
 Concen: 21.20 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion:105 Resp: 536399
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1



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





#85

sec-Butylbenzene

Concen: 20.69 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

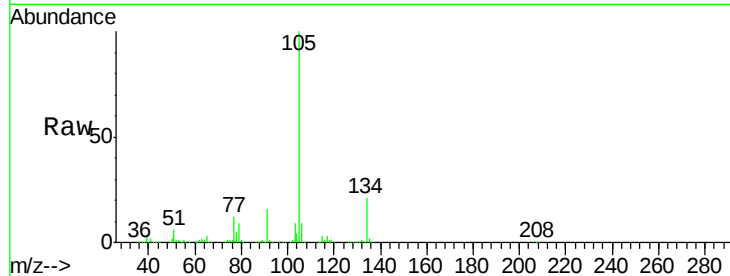
ClientSampleId :

Tot Ion:105 Resp: 599864

Ion Ratio Lower Upper

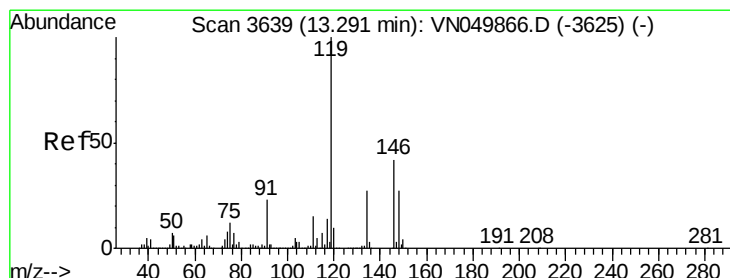
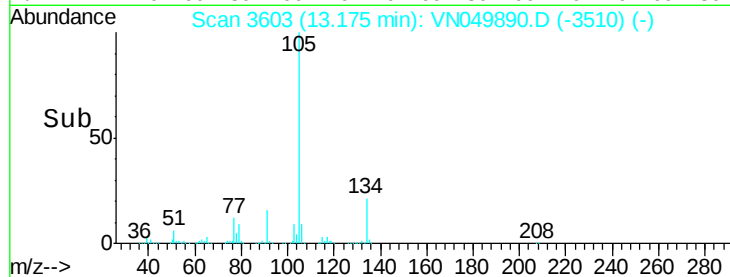
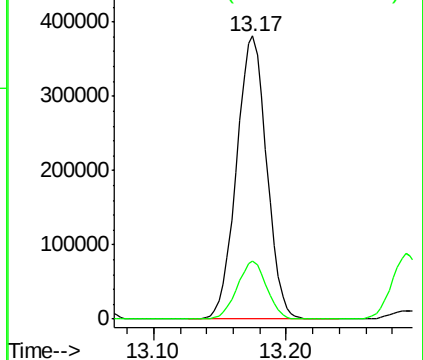
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.66 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

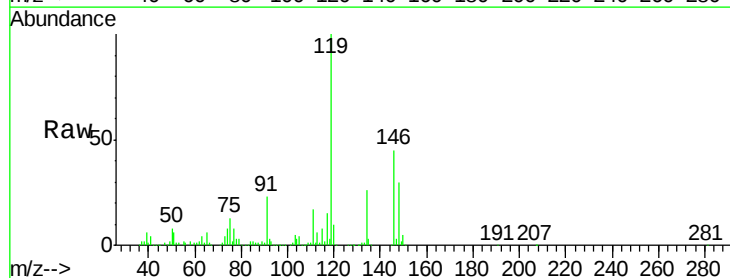
Tgt Ion:119 Resp: 510494

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

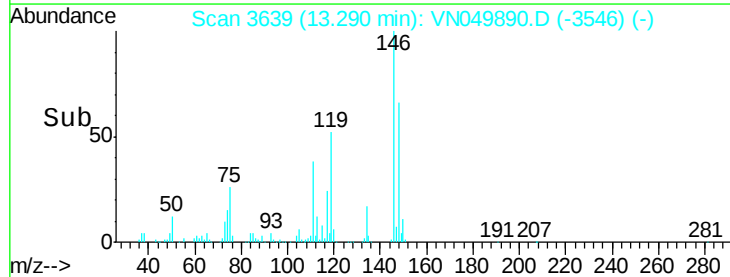
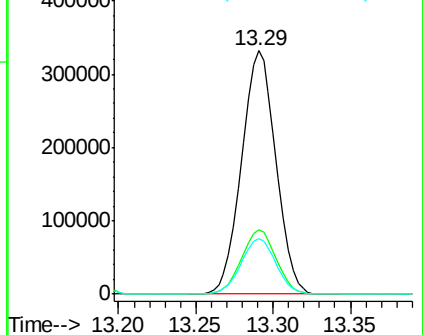
91 23.1 11.4 34.1

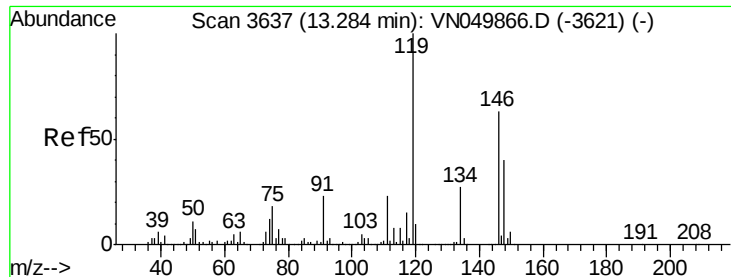


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

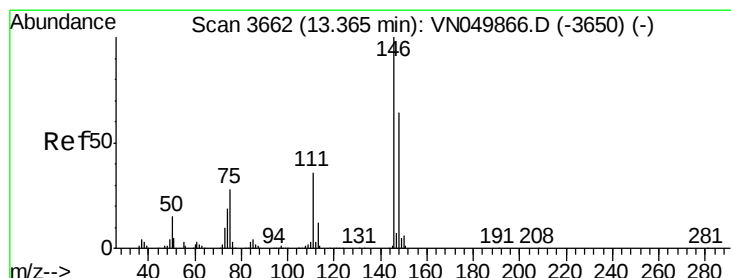
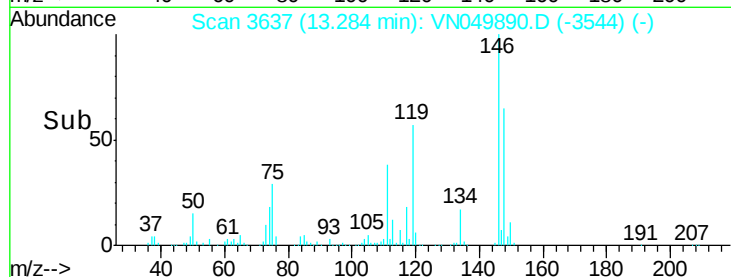
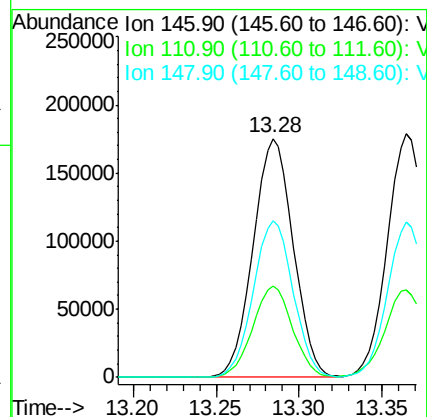
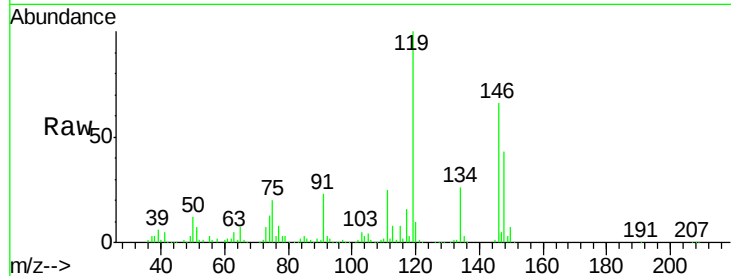




#87
 1,3-Dichlorobenzene
 Concen: 19.65 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

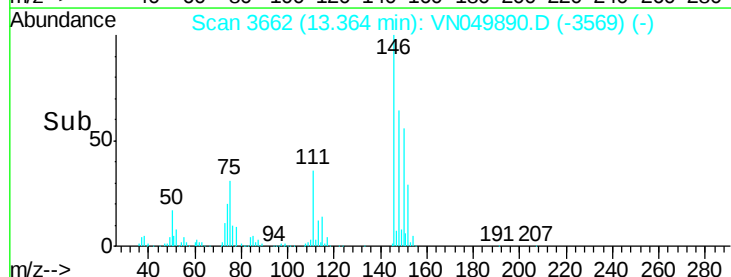
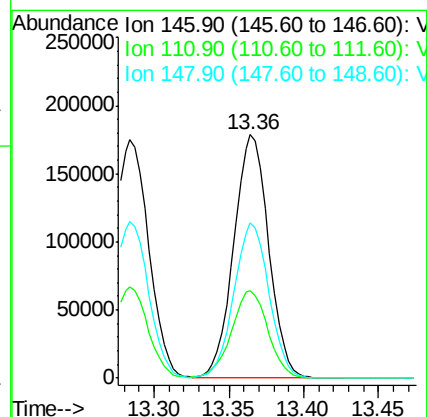
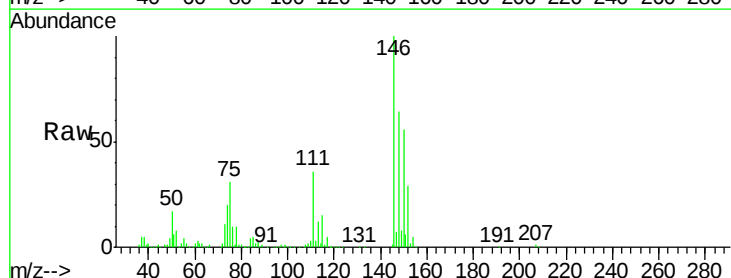
Instrument :
 MSVOA_N
 ClientSampleId :

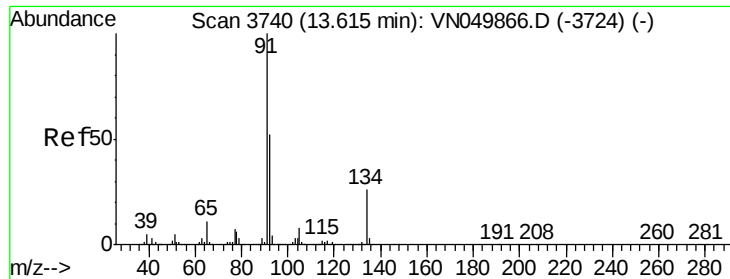
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.9	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.31 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.1	32.1	96.3

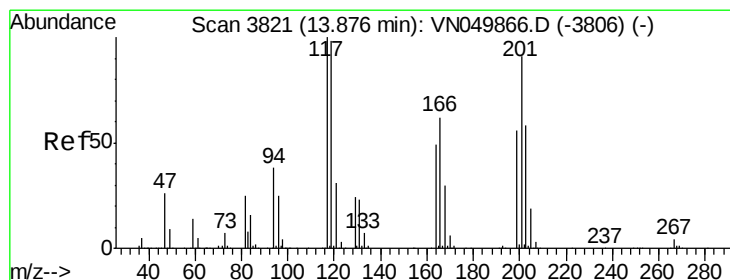
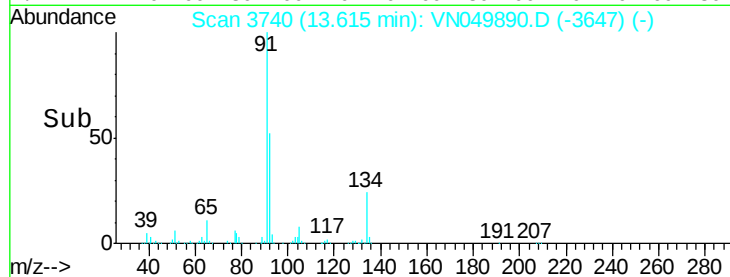
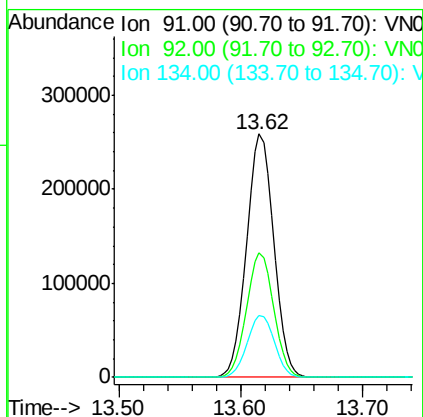
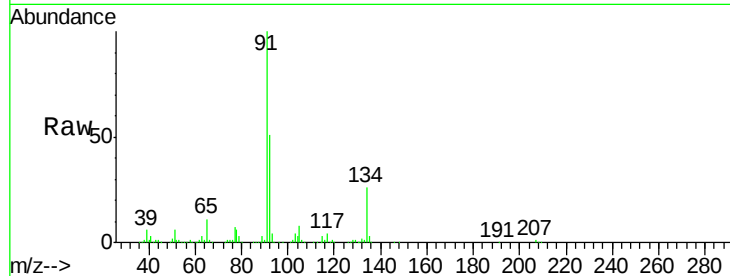




#89
n-Butylbenzene
Concen: 19.40 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

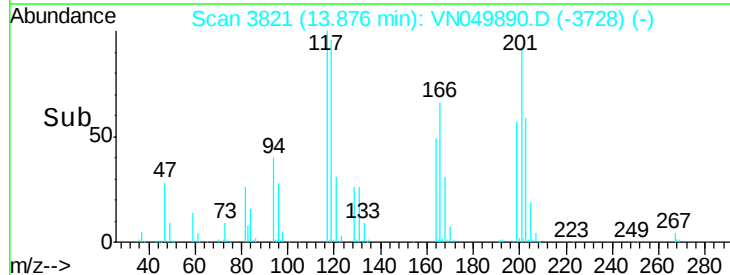
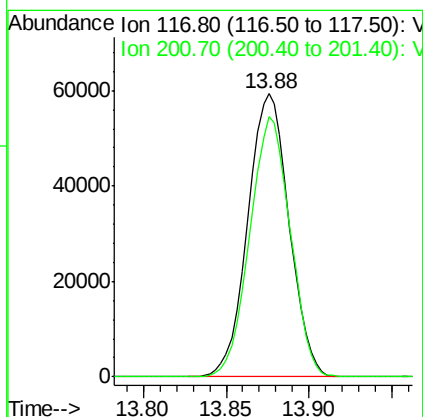
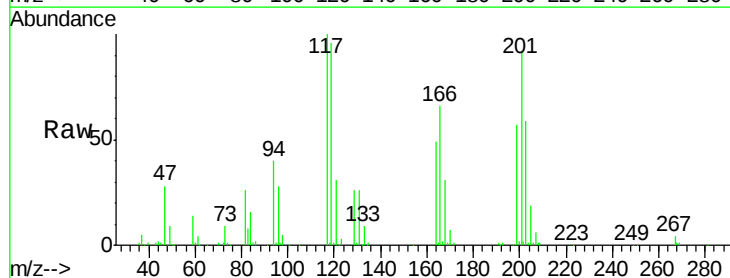
Instrument :
MSVOA_N
ClientSampled :

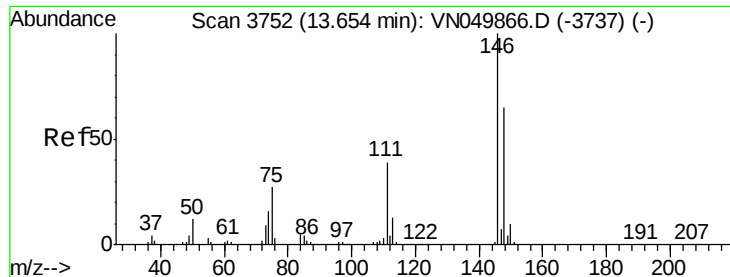
Tot Ion: 91 Resp: 395928
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 18.50 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN049890.D
Acq: 18 Jul 2018 23:41

Tgt Ion: 117 Resp: 102599
Ion Ratio Lower Upper
117 100
201 89.7 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 20.07 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

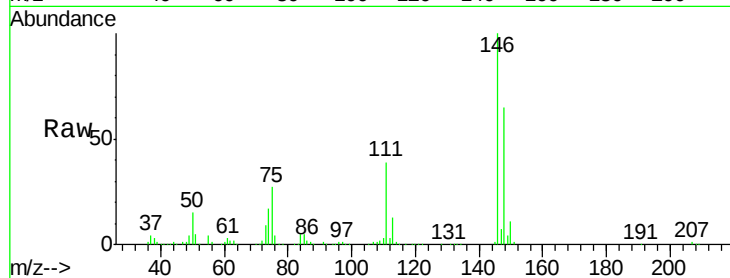
Tot Ion:146 Resp: 295843

Ion Ratio Lower Upper

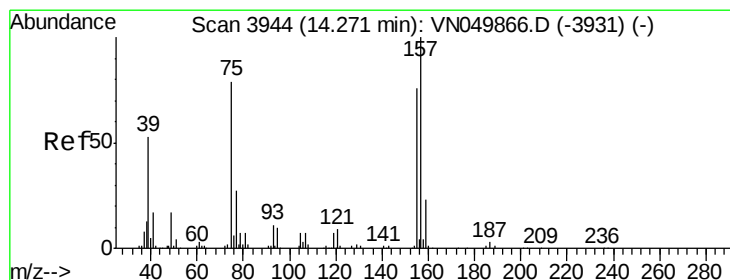
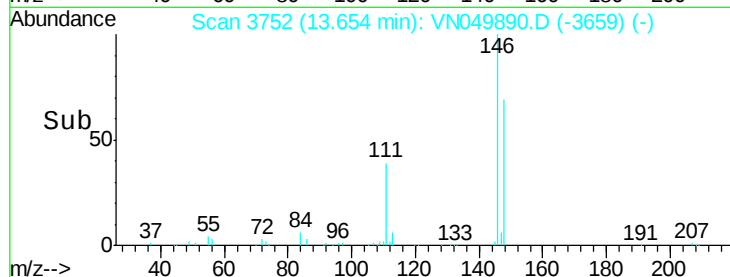
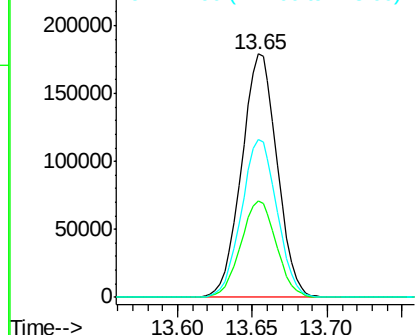
146 100

111 39.6 19.7 59.1

148 65.2 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.28 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

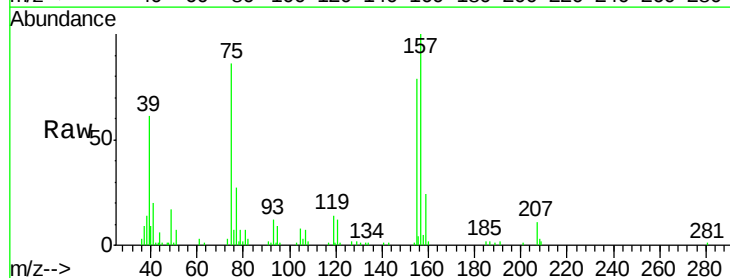
Tgt Ion: 75 Resp: 29253

Ion Ratio Lower Upper

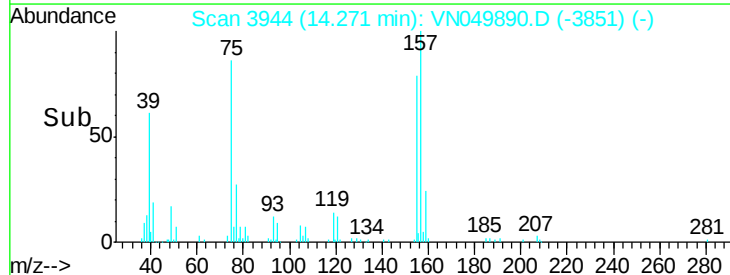
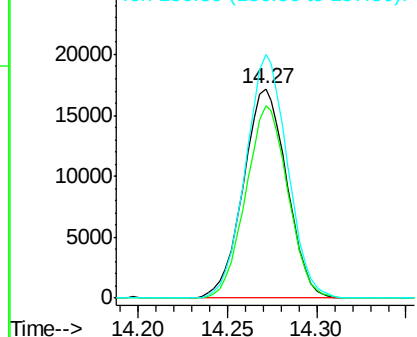
75 100

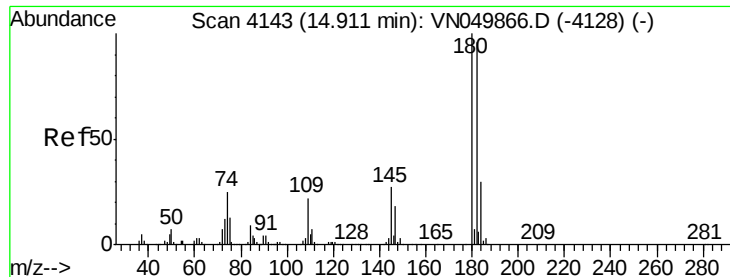
155 89.0 45.7 137.1

157 112.2 56.9 170.7



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

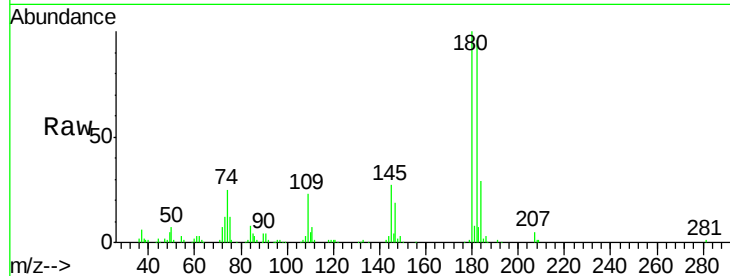




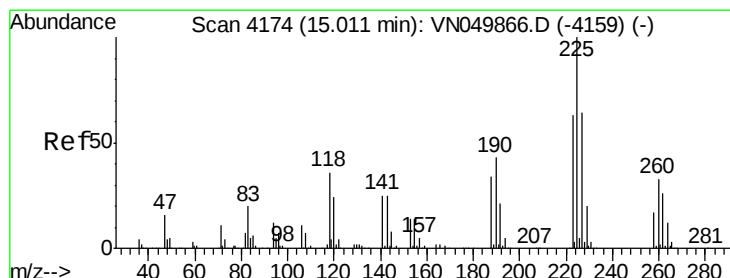
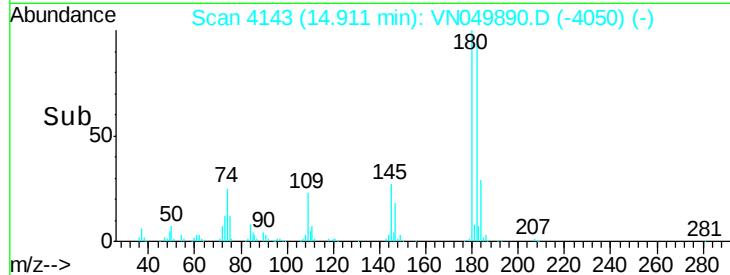
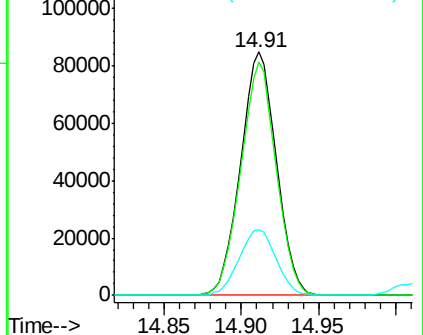
#93
 1,2,4-Trichlorobenzene
 Concen: 19.12 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 136694
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 27.9 14.4 43.0

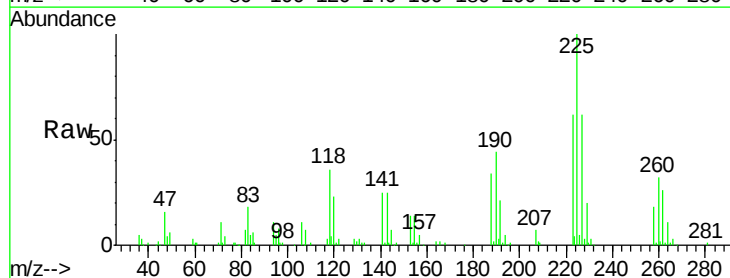


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

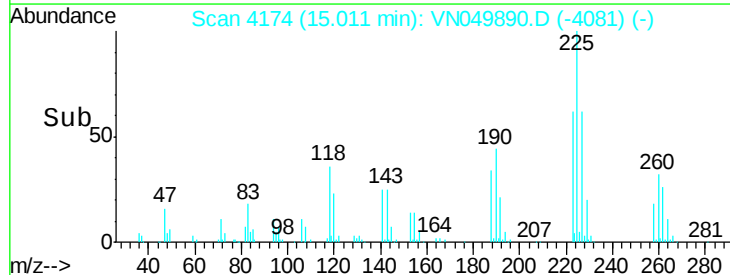
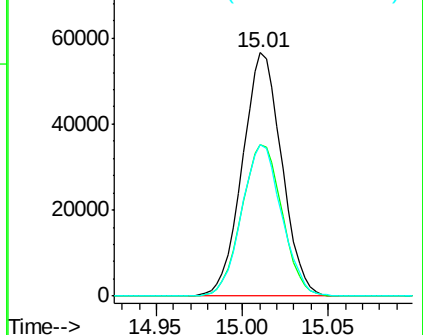


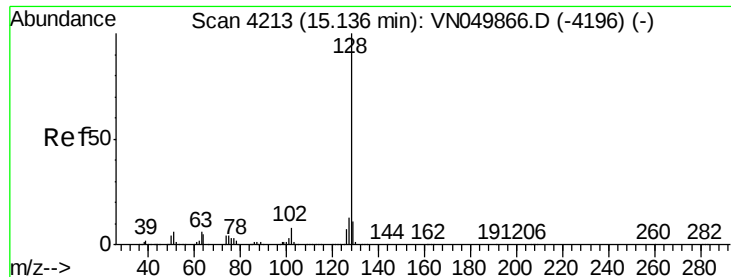
#94
 Hexachlorobutadiene
 Concen: 18.60 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049890.D
 Acq: 18 Jul 2018 23:41

Tgt Ion:225 Resp: 89878
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.9 92.7
 227 63.3 31.8 95.4



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: 18.59 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

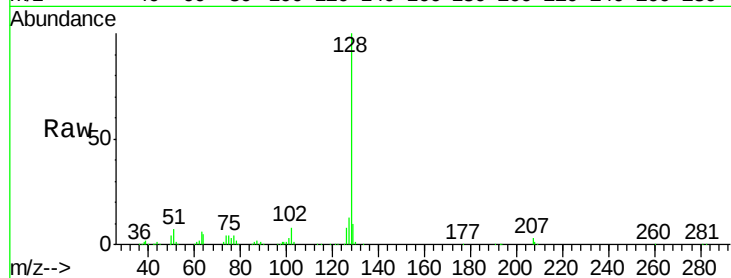
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 300913

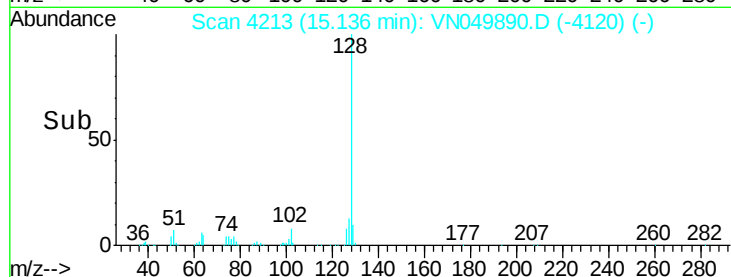
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0



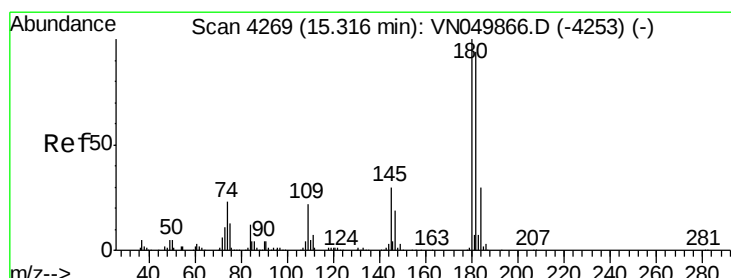
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.91 ug/l

RT: 15.32 min Scan# 4269

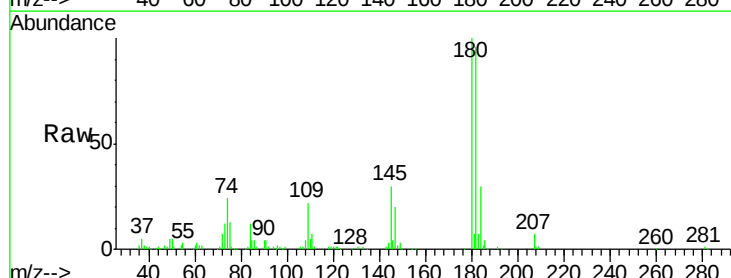
Delta R.T. -0.00 min

Lab File: VN049890.D

Acq: 18 Jul 2018 23:41

Tgt Ion:180 Resp: 140822

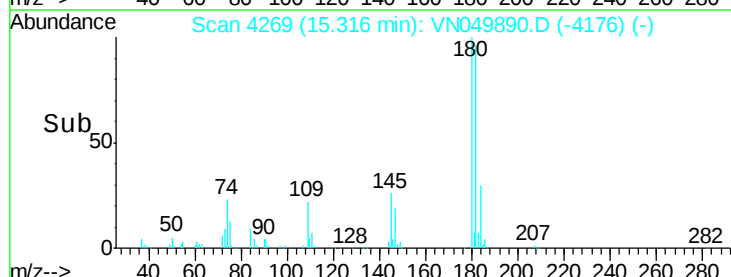
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.2
145	30.5	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->