

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049901.D
 Acq On : 19 Jul 2018 4:27
 Operator : MD\SY
 Sample : VN0718WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:09:39 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	610722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	830220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418111	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	440963	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.59	113	392097	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.09	98	1448227	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	469589	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	116783	20.11	ug/l	96
3) Chloromethane	2.06	50	154797	18.57	ug/l	100
4) Vinyl Chloride	2.18	62	171453	19.28	ug/l	100
5) Bromomethane	2.57	94	102402	19.43	ug/l	98
6) Chloroethane	2.70	64	111410	19.19	ug/l	98
7) Trichlorofluoromethane	3.01	101	236386	19.34	ug/l	100
8) Diethyl Ether	3.41	74	85383	20.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	143975	19.10	ug/l	100
10) Methyl Iodide	3.95	142	196193	19.40	ug/l	98
11) Tert butyl alcohol	4.81	59	56935	95.21	ug/l	98
12) 1,1-Dichloroethene	3.73	96	129012	19.49	ug/l	98
13) Acrolein	3.61	56	35785	92.87	ug/l	98
14) Allyl chloride	4.32	41	199062	19.07	ug/l	97
15) Acrylonitrile	4.99	53	257711	97.99	ug/l	99
16) Acetone	3.82	43	193022	88.82	ug/l	98
17) Carbon Disulfide	4.05	76	359181	18.13	ug/l	99
18) Methyl Acetate	4.33	43	153128	21.96	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	376828	20.68	ug/l	98
20) Methylene Chloride	4.55	84	153577	18.58	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	138923	19.76	ug/l	99
22) Diisopropyl ether	5.96	45	454132	21.32	ug/l	98
23) Vinyl Acetate	5.90	43	1509621	101.02	ug/l	100
24) 1,1-Dichloroethane	5.85	63	271958	19.89	ug/l	99
25) 2-Butanone	6.84	43	294157	94.70	ug/l	99
26) 2,2-Dichloropropane	6.82	77	166482	15.65	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	160484	20.80	ug/l	97
28) Bromochloromethane	7.19	49	131684	21.32	ug/l	99
29) Tetrahydrofuran	7.22	42	195273	99.80	ug/l	99
30) Chloroform	7.37	83	279535	19.91	ug/l	98
31) Cyclohexane	7.66	56	223828	20.11	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	238048	19.62	ug/l	99
36) 1,1-Dichloropropene	7.79	75	203190	19.61	ug/l	100
37) Ethyl Acetate	6.94	43	135568	19.05	ug/l	100
38) Carbon Tetrachloride	7.77	117	210581	18.97	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049901.D
 Acq On : 19 Jul 2018 4:27
 Operator : MD\SY
 Sample : VN0718WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:09:39 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)
39) Methylcyclohexane	9.08	83	200996	18.78	ug/l	97
40) Benzene	8.04	78	615585	19.49	ug/l	99
41) Methacrylonitrile	7.17	41	71541	20.06	ug/l	96
42) 1,2-Dichloroethane	8.13	62	202351	19.35	ug/l	99
43) Isopropyl Acetate	8.17	43	261480	21.04	ug/l	99
44) Trichloroethene	8.83	130	160599	19.40	ug/l	98
45) 1,2-Dichloropropane	9.12	63	164798	19.34	ug/l	99
46) Dibromomethane	9.21	93	100864	19.09	ug/l	100
47) Bromodichloromethane	9.40	83	210057	19.22	ug/l	96
48) Methyl methacrylate	9.20	41	116732	18.72	ug/l	99
49) 1,4-Dioxane	9.20	88	33267	376.11	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	675521	97.22	ug/l	100
52) Toluene	10.16	92	379635	20.15	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	199904	18.50	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	232090	19.44	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	146544	18.83	ug/l	100
56) Ethyl methacrylate	10.43	69	175354	18.21	ug/l	98
57) 1,3-Dichloropropane	10.71	76	240979	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	431445	104.08	ug/l	99
59) 2-Hexanone	10.75	43	437599	93.76	ug/l	99
60) Dibromochloromethane	10.90	129	161823	18.96	ug/l	100
61) 1,2-Dibromoethane	11.01	107	140352	19.30	ug/l	99
64) Tetrachloroethene	10.63	164	149169	19.99	ug/l	99
65) Chlorobenzene	11.43	112	409005	19.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	159061	19.69	ug/l	99
67) Ethyl Benzene	11.51	91	685577	20.26	ug/l	99
68) m/p-Xylenes	11.62	106	534400	41.72	ug/l	99
69) o-Xylene	11.95	106	252971	20.56	ug/l	98
70) Styrene	11.97	104	418712	21.01	ug/l	99
71) Bromoform	12.13	173	110825	19.17	ug/l #	100
73) Isopropylbenzene	12.25	105	684997	21.57	ug/l	100
74) N-amyl acetate	12.07	43	194408	20.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	184359	19.37	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	218428	27.85	ug/l #	100
77) Bromobenzene	12.53	156	179902	20.51	ug/l	99
78) n-propylbenzene	12.59	91	779937	21.60	ug/l	100
79) 2-Chlorotoluene	12.68	91	473663	21.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	568012	22.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44519	17.75	ug/l	98
82) 4-Chlorotoluene	12.77	91	473976	21.31	ug/l	99
83) tert-Butylbenzene	12.99	119	484440	21.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571815	22.17	ug/l	99
85) sec-Butylbenzene	13.17	105	634795	21.49	ug/l	100
86) p-Isopropyltoluene	13.29	119	536643	21.31	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	305367	19.98	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	300015	19.58	ug/l	99
89) n-Butylbenzene	13.62	91	420687	20.23	ug/l	99
90) Hexachloroethane	13.88	117	108551	19.20	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	304287	20.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28373	19.30	ug/l	97

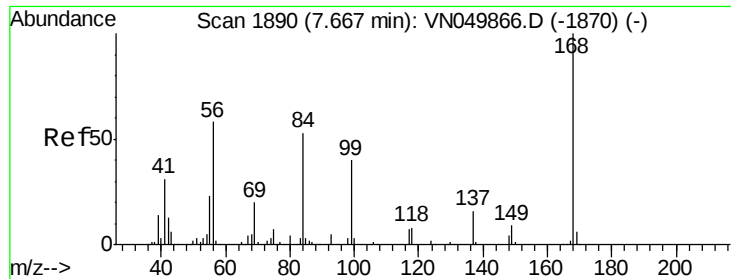
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
Data File : VN049901.D
Acq On : 19 Jul 2018 4:27
Operator : MD\SY
Sample : VN0718WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 19 06:09:39 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)
93) 1,2,4-Trichlorobenzene	14.91	180	134203	18.55	ug/l	98
94) Hexachlorobutadiene	15.01	225	91141	18.51	ug/l	98
95) Naphthalene	15.13	128	290143	17.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	138596	19.23	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: VN049901.D

Acq: 19 Jul 2018 4:27

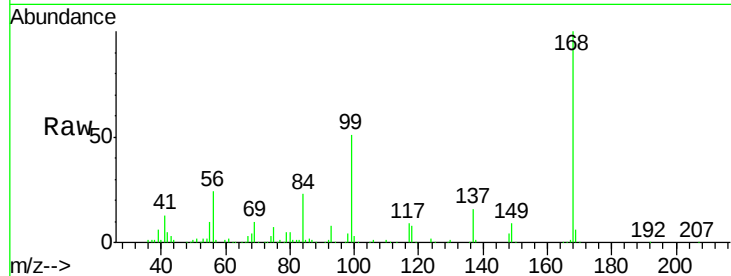
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 610722

Ion Ratio Lower Upper

168 100

99 50.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

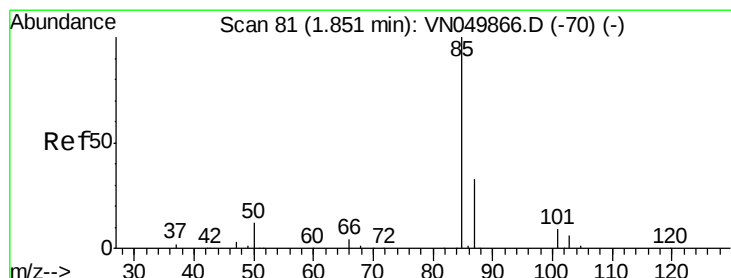
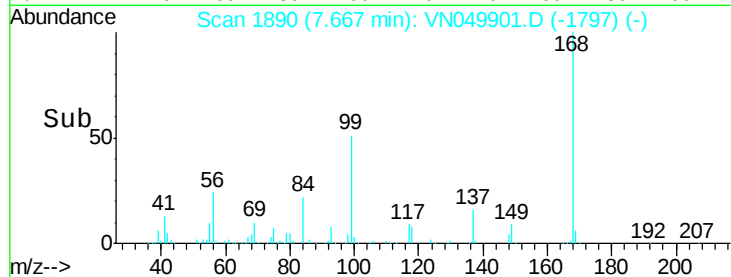
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.11 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049901.D

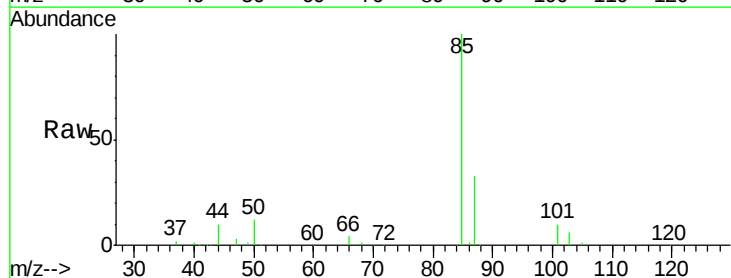
Acq: 19 Jul 2018 4:27

Tgt Ion: 85 Resp: 116783

Ion Ratio Lower Upper

85 100

87 32.9 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

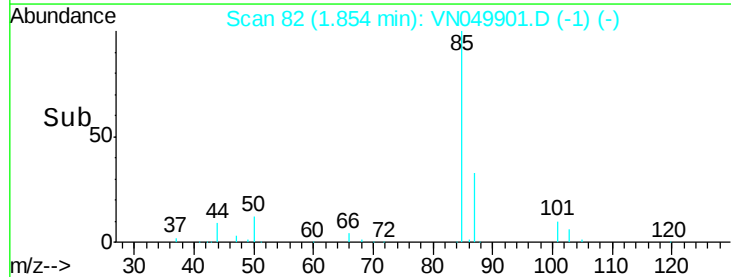
60000

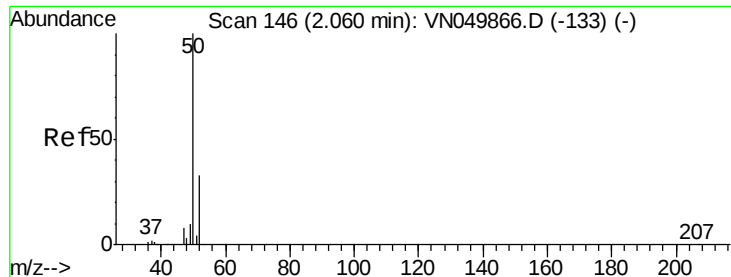
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.57 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

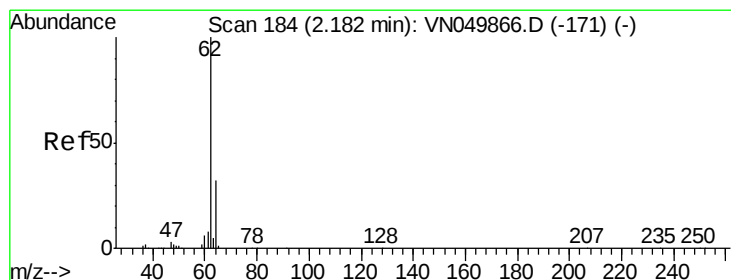
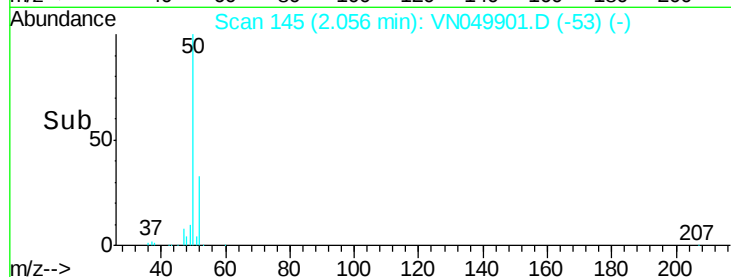
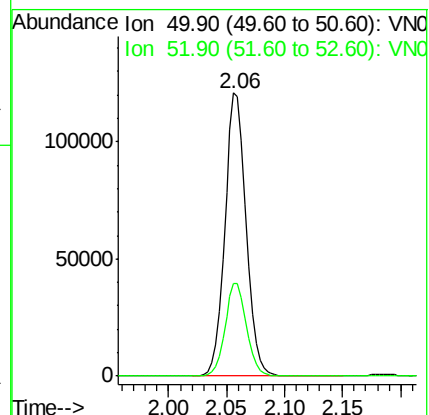
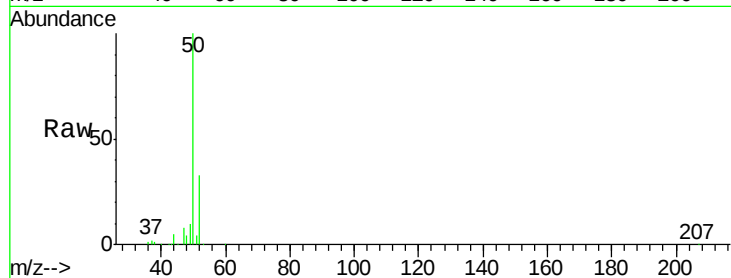
ClientSampled :

Tot Ion: 50 Resp: 154797

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 19.28 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049901.D

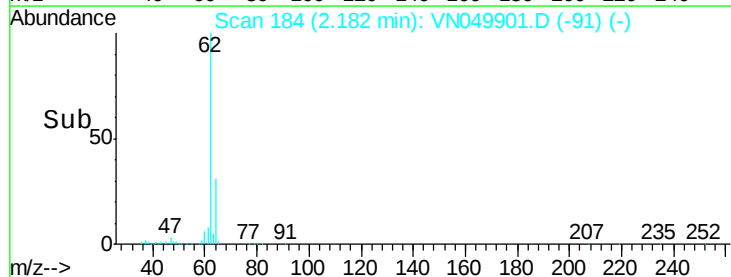
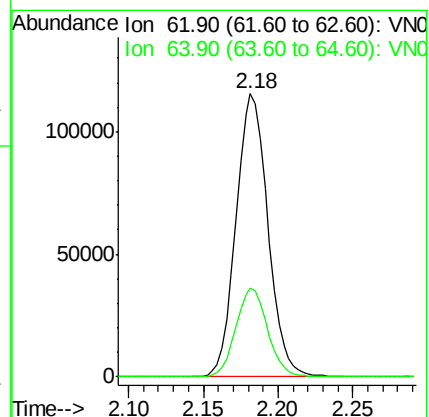
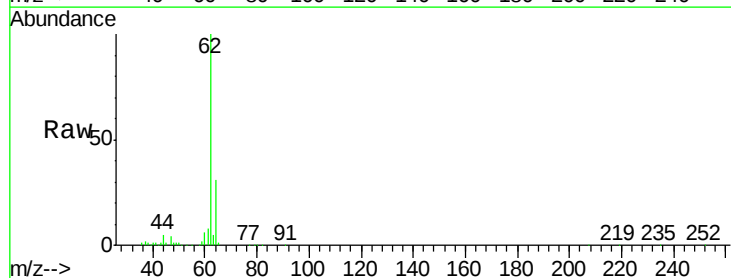
Acq: 19 Jul 2018 4:27

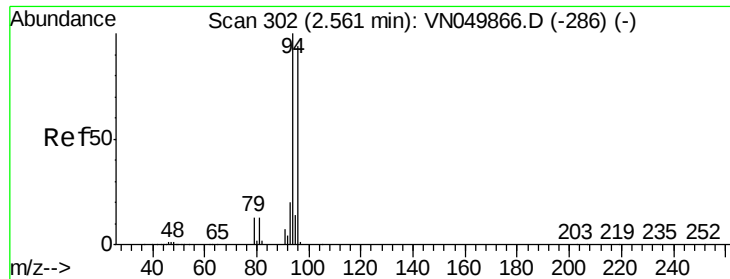
Tgt Ion: 62 Resp: 171453

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 19.43 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

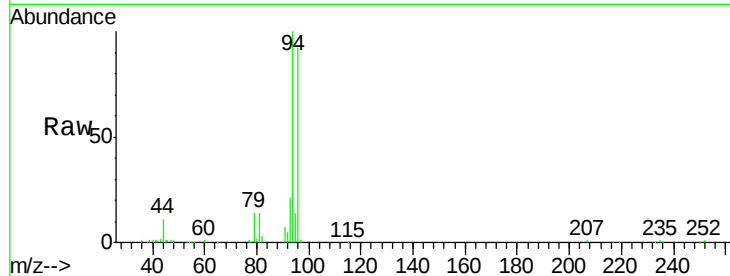
ClientSampled :

Tot Ion: 94 Resp: 102402

Ion Ratio Lower Upper

94 100

96 92.4 75.7 113.5

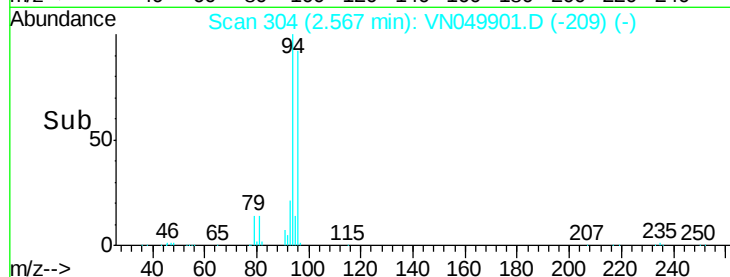


Abundance Ion 93.90 (93.60 to 94.60): VN049866.D (-286) (-)

Ion 95.90 (95.60 to 96.60): VN049866.D (-286) (-)

2.57

Time-->

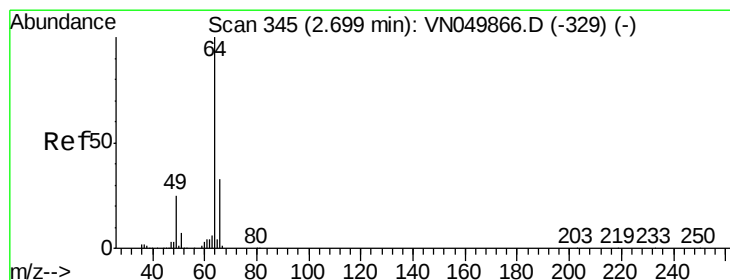


Abundance Ion 93.90 (93.60 to 94.60): VN049901.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN049901.D (-209) (-)

2.57

Time-->



#6

Chloroethane

Concen: 19.19 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049901.D

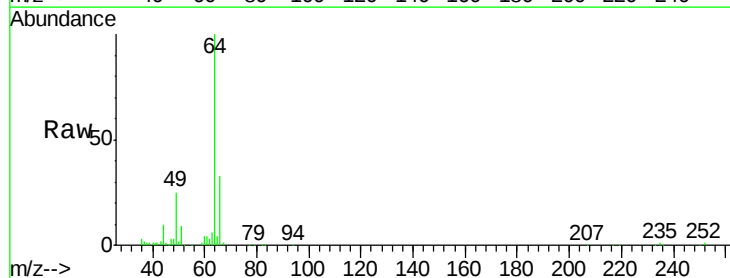
Acq: 19 Jul 2018 4:27

Tgt Ion: 64 Resp: 111410

Ion Ratio Lower Upper

64 100

66 33.2 25.6 38.4

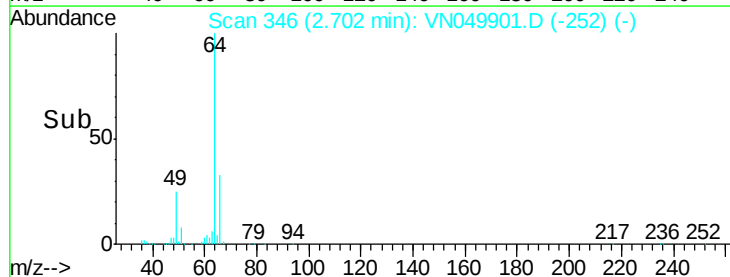


Abundance Ion 63.90 (63.60 to 64.60): VN049866.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN049866.D (-329) (-)

2.70

Time-->

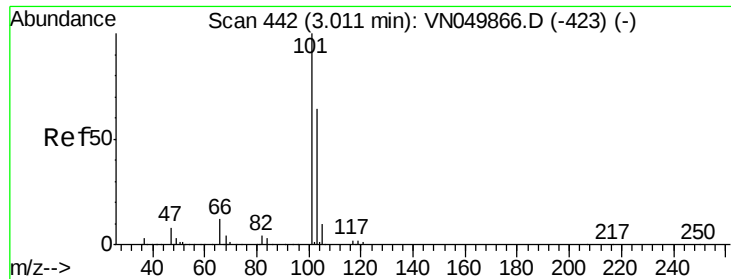


Abundance Ion 63.90 (63.60 to 64.60): VN049901.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049901.D (-252) (-)

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 19.34 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

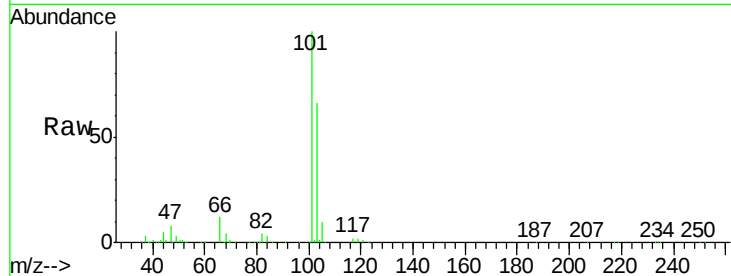
ClientSampled :

Tot Ion:101 Resp: 236386

Ion Ratio Lower Upper

101 100

103 65.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.01

120000

100000

80000

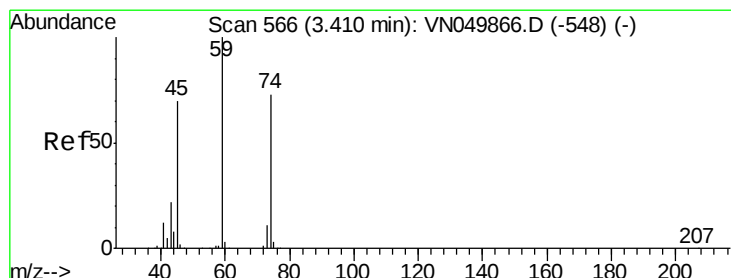
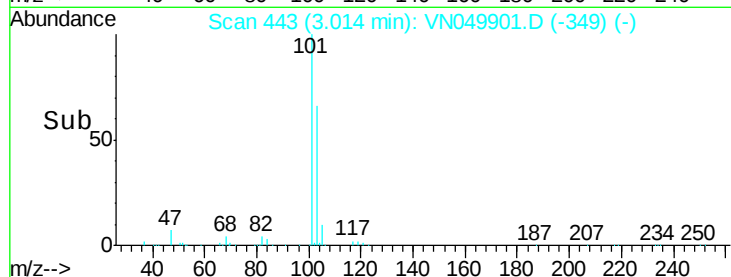
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 20.02 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049901.D

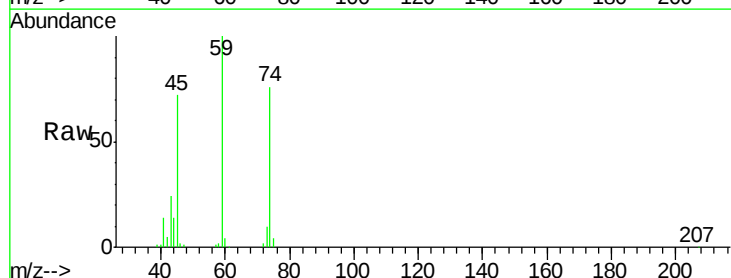
Acq: 19 Jul 2018 4:27

Tgt Ion: 74 Resp: 85383

Ion Ratio Lower Upper

74 100

45 95.2 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

40000

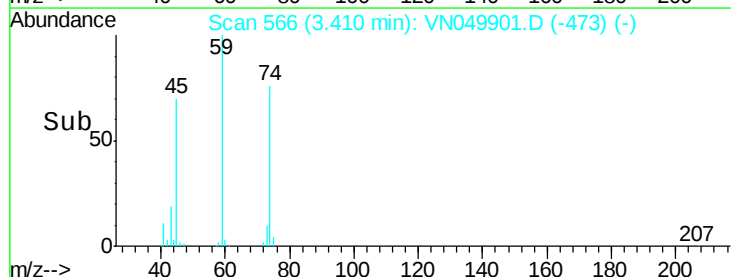
30000

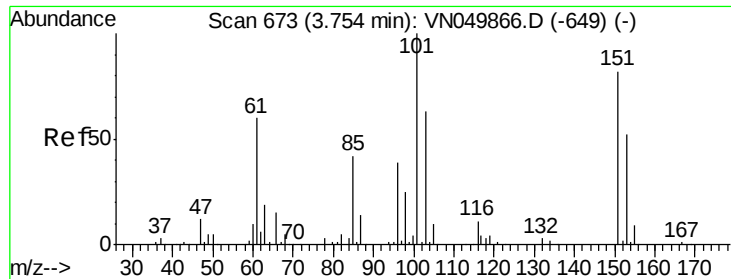
20000

10000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.10 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

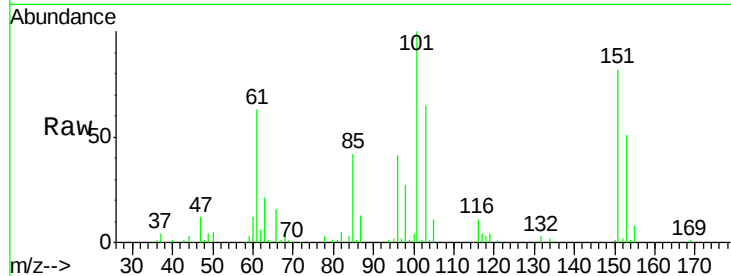
Tot Ion:101 Resp: 143975

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

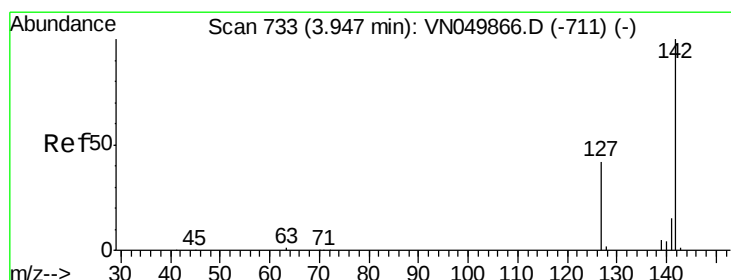
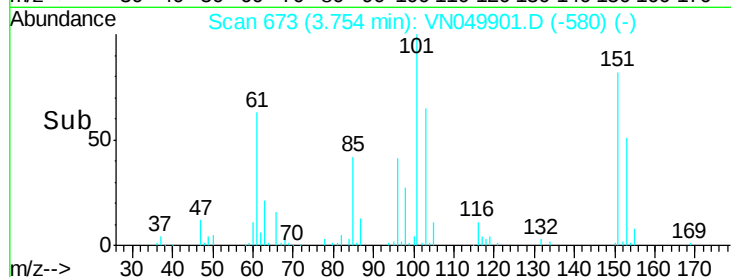
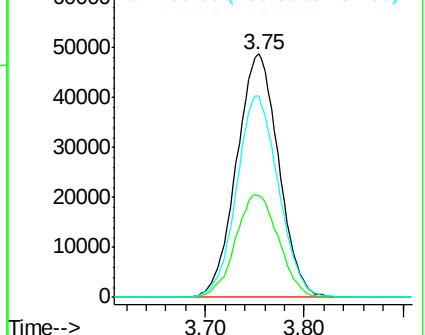
151 82.4 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN049901.D (-580) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.40 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

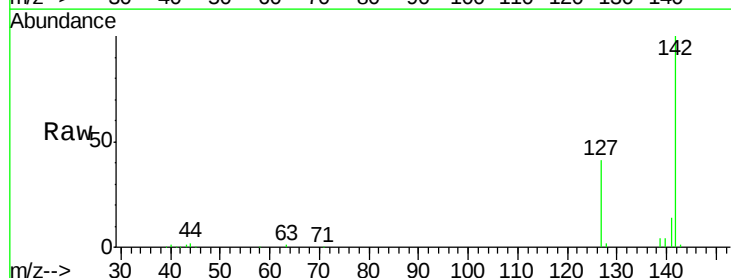
Tgt Ion:142 Resp: 196193

Ion Ratio Lower Upper

142 100

127 41.8 32.5 48.7

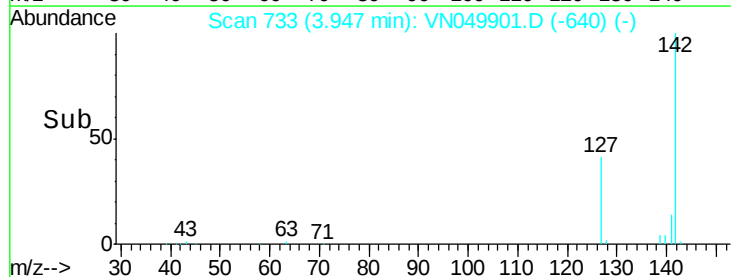
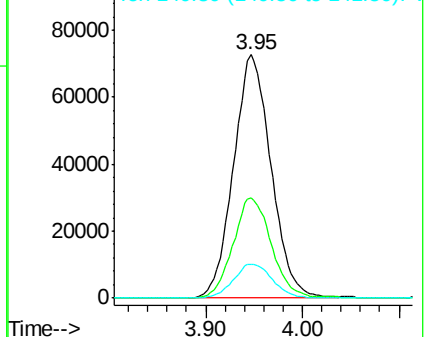
141 14.4 11.1 16.7

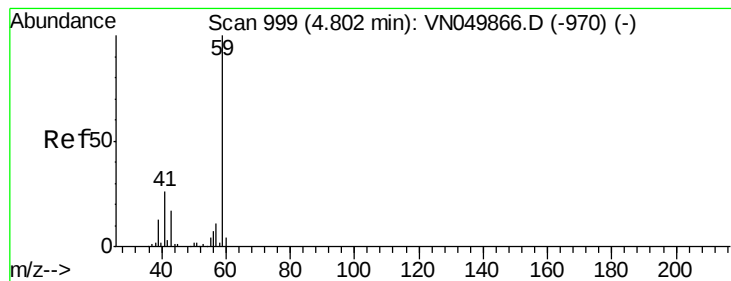


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.21 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

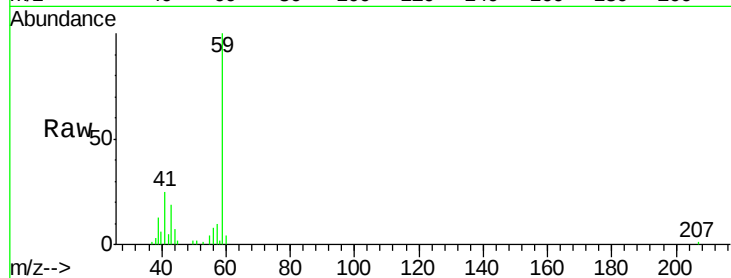
ClientSampleId :

Tot Ion: 59 Resp: 56935

Ion Ratio Lower Upper

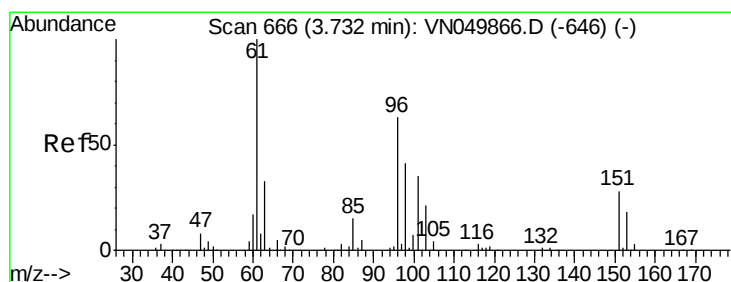
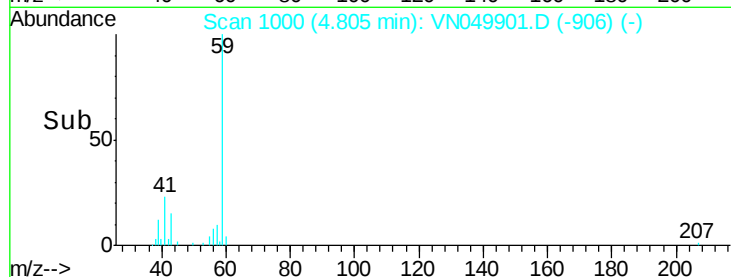
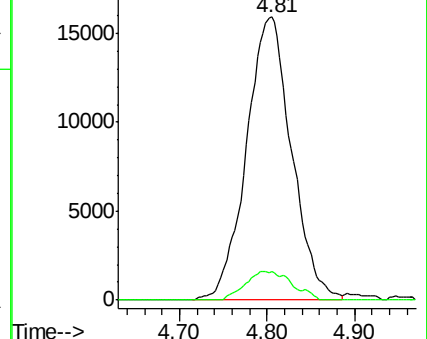
59 100

57 9.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.49 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

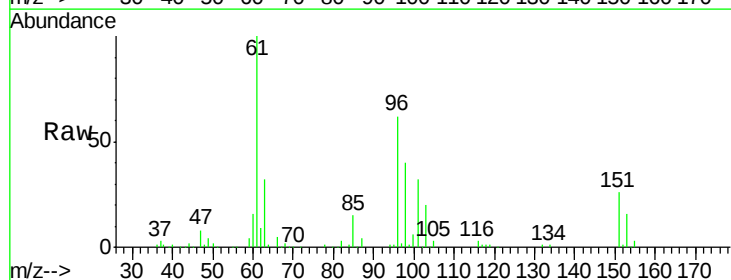
Tgt Ion: 96 Resp: 129012

Ion Ratio Lower Upper

96 100

61 161.1 126.5 189.7

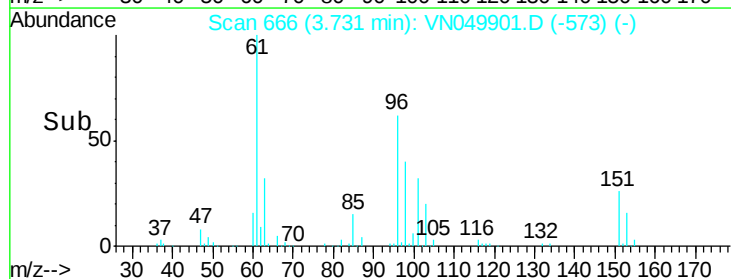
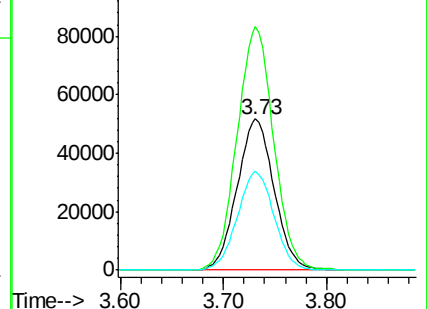
98 65.2 51.0 76.6

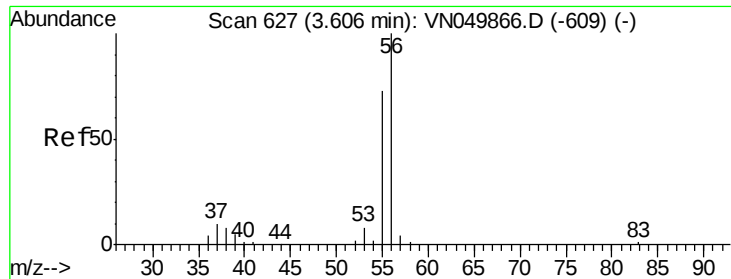


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 92.87 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

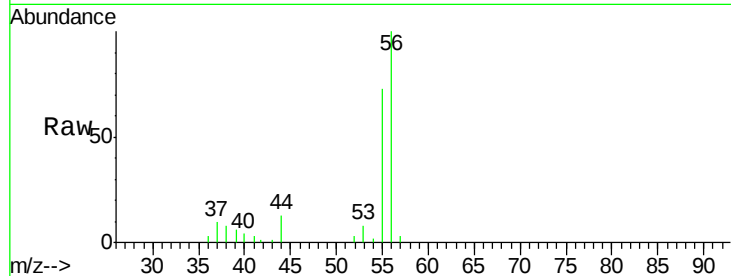
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 35785

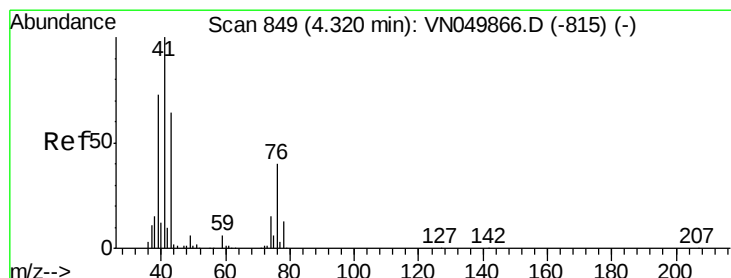
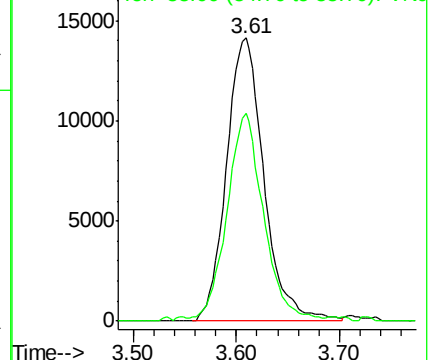
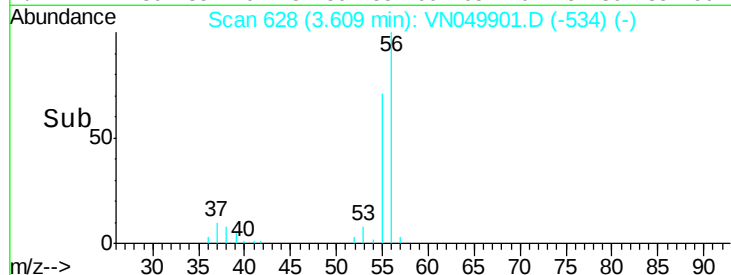
Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049901.D (-534) (-)



#14

Allyl chloride

Concen: 19.07 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

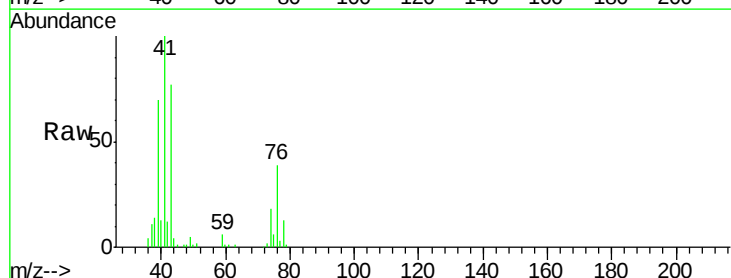
Tgt Ion: 41 Resp: 199062

Ion Ratio Lower Upper

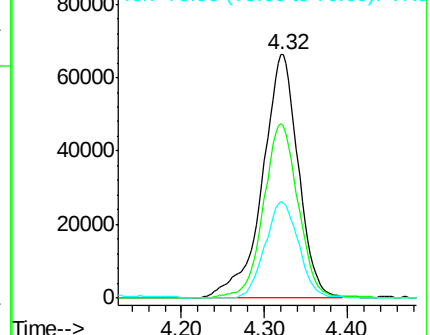
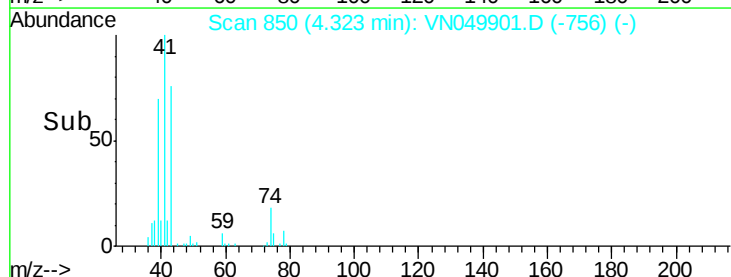
41 100

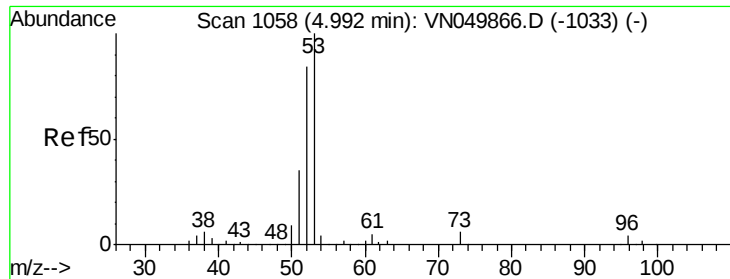
39 69.0 53.2 79.8

76 37.2 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN049901.D (-756) (-)





#15

Acrylonitrile

Concen: 97.99 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampled :

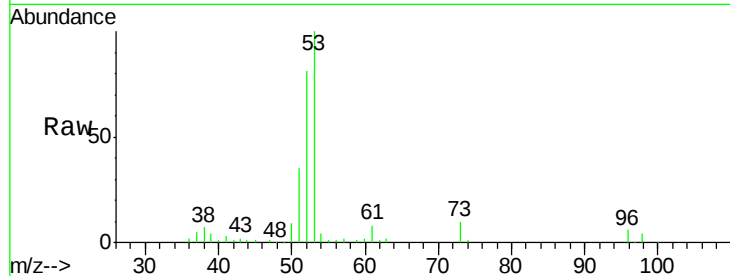
Tot Ion: 53 Resp: 257711

Ion Ratio Lower Upper

53 100

52 81.4 64.8 97.2

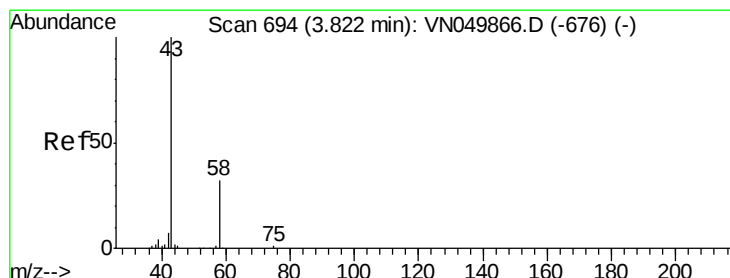
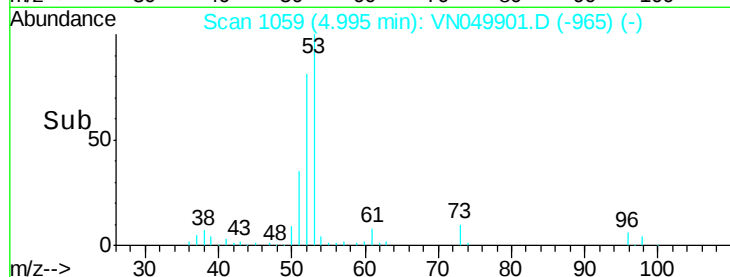
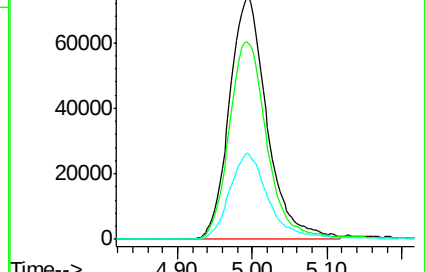
51 36.5 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049866.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049866.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049866.D (-1033) (-)



#16

Acetone

Concen: 88.82 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049901.D

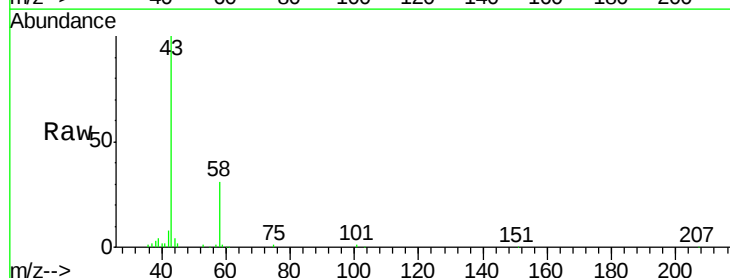
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 193022

Ion Ratio Lower Upper

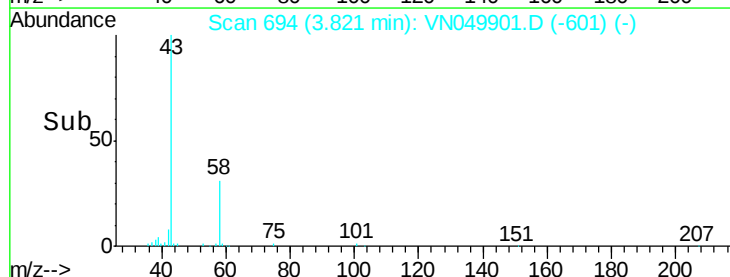
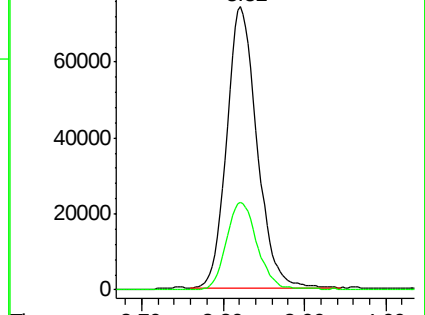
43 100

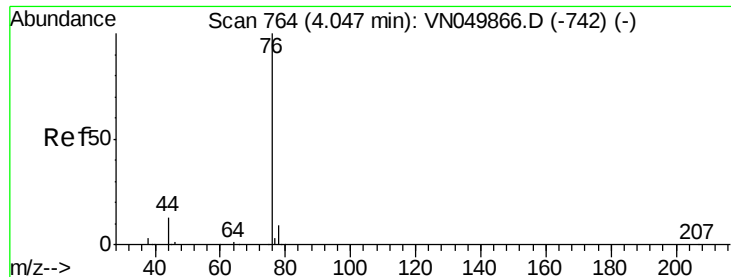
58 31.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-676) (-)

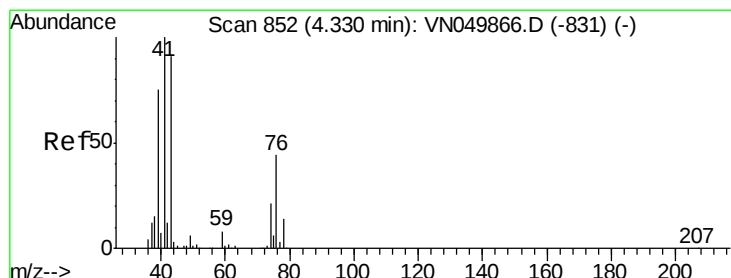
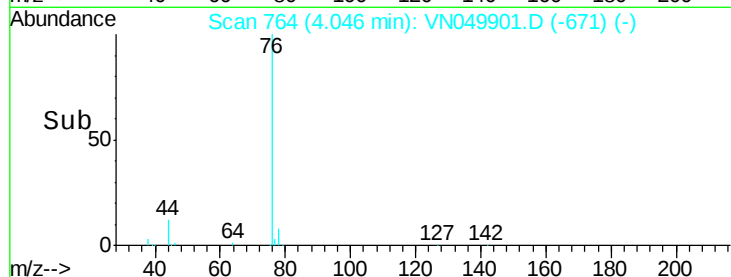
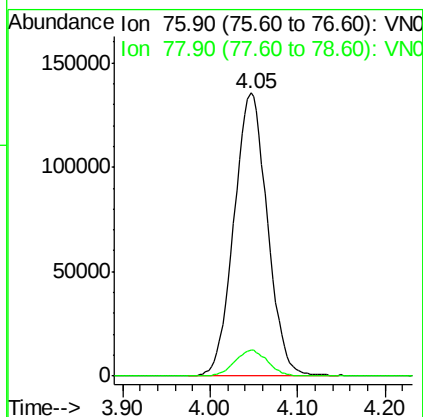
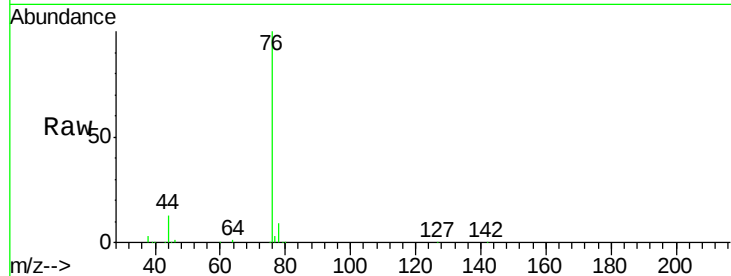




#17
Carbon Disulfide
Concen: 18.13 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

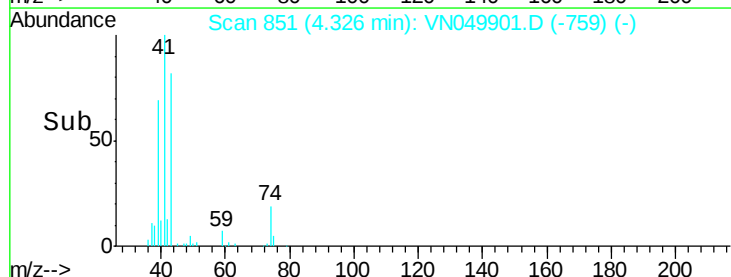
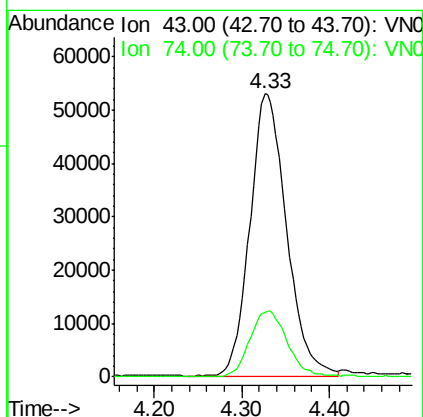
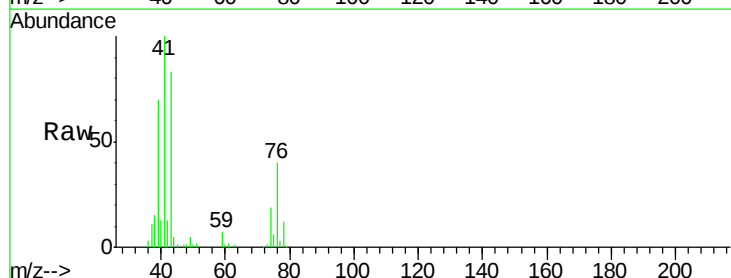
Instrument :
MSVOA_N
ClientSampled :

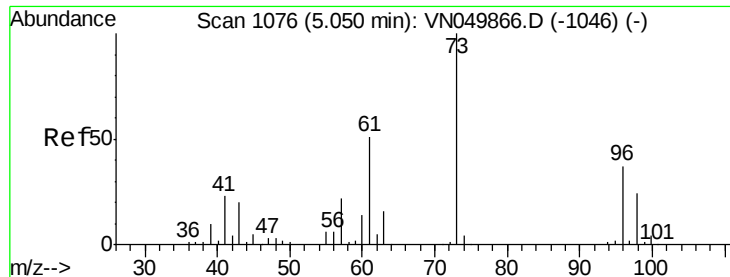
Tot Ion: 76 Resp: 359181
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 21.96 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 153128
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



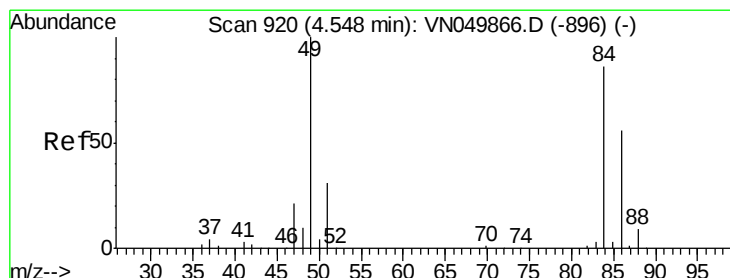
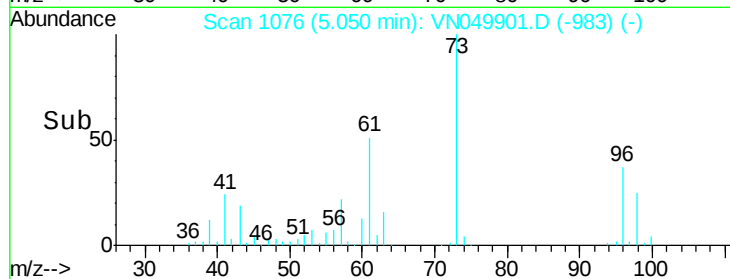
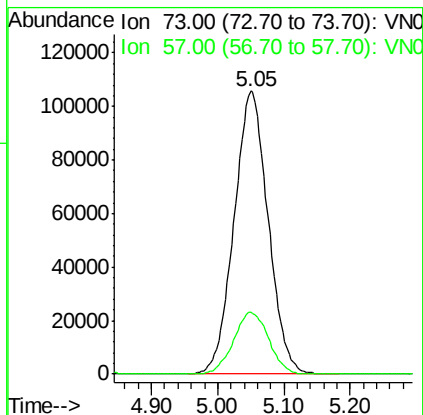
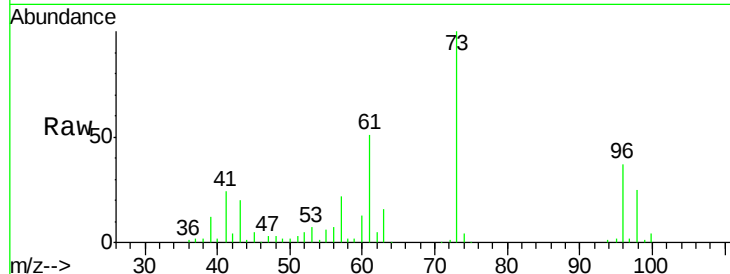


#19

Methyl tert-butyl Ether
 Concen: 20.68 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Instrument :
 MSVOA_N
 ClientSampled :

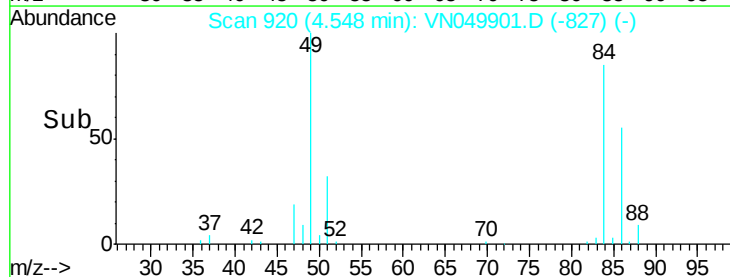
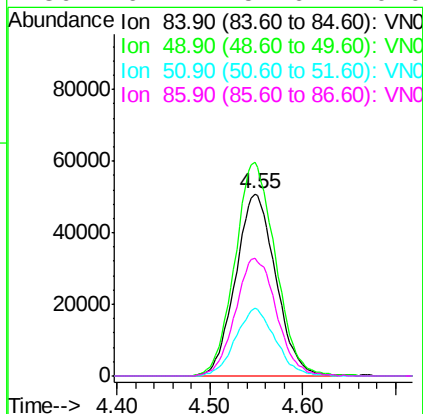
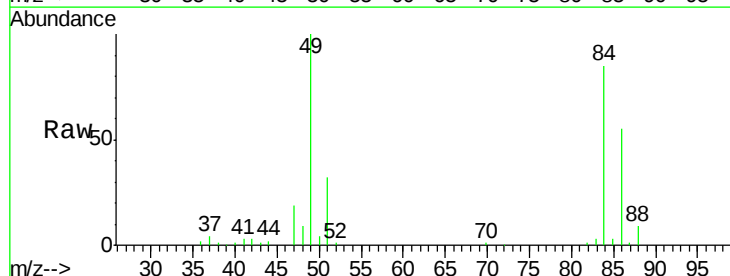
Tot Ion: 73 Resp: 376828
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.1 27.1

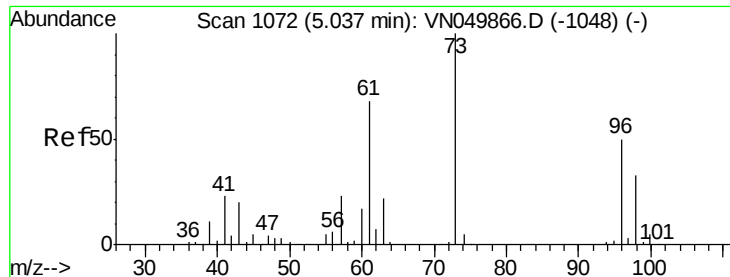


#20

Methylene Chloride
 Concen: 18.58 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 84 Resp: 153577
 Ion Ratio Lower Upper
 84 100
 49 117.3 95.4 143.2
 51 37.1 28.4 42.6
 86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.76 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_N
ClientSampled :

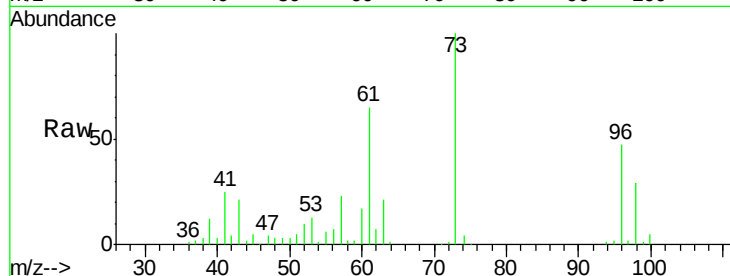
Tot Ion: 96 Resp: 138923

Ion Ratio Lower Upper

96 100

61 137.1 109.0 163.6

98 62.1 51.1 76.7

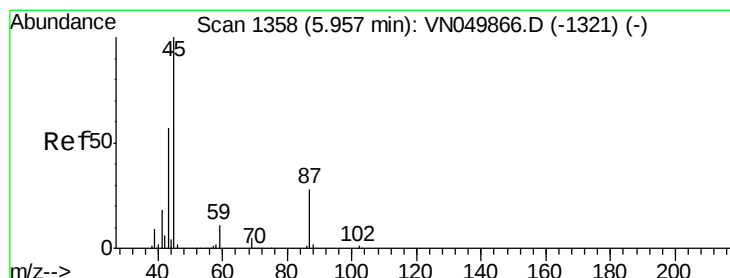
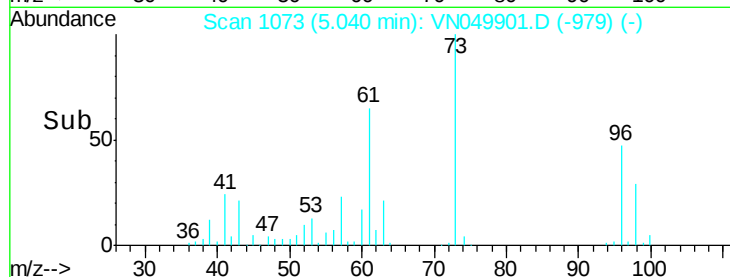
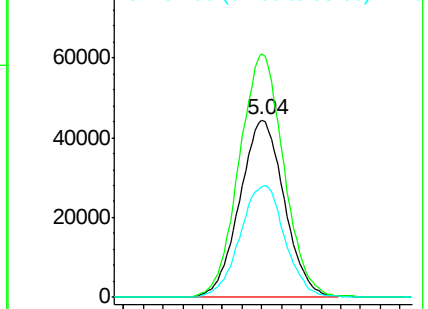


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.32 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Tgt Ion: 45 Resp: 454132

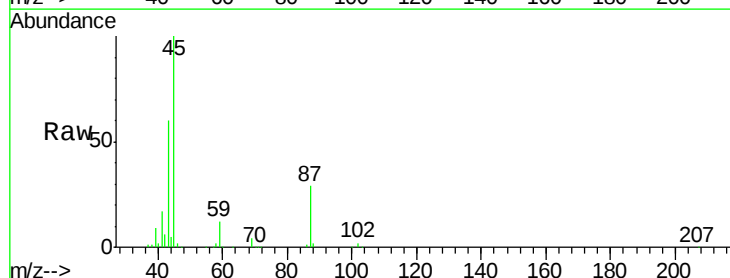
Ion Ratio Lower Upper

45 100

43 58.0 48.1 72.1

87 28.5 22.6 34.0

59 11.9 9.2 13.8



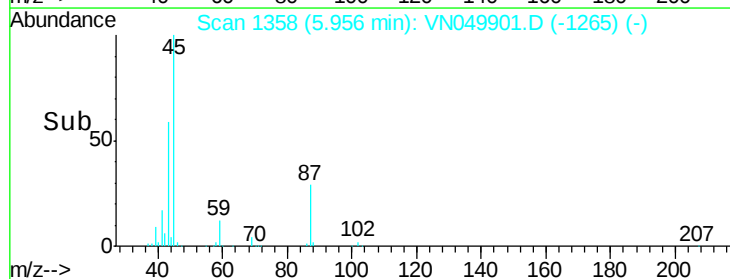
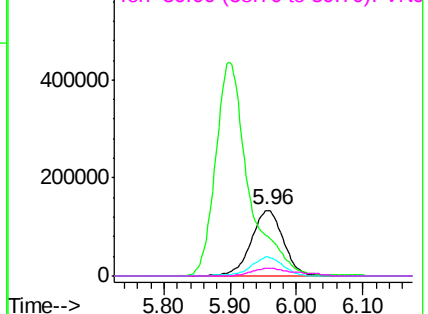
Abundance

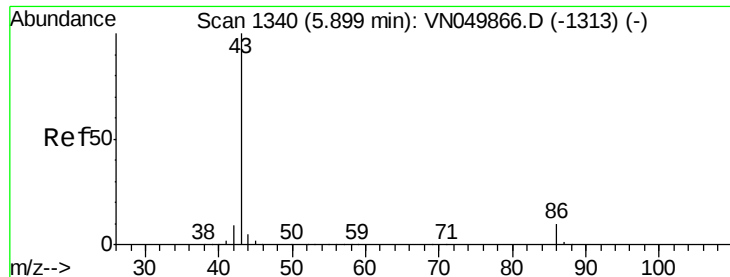
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

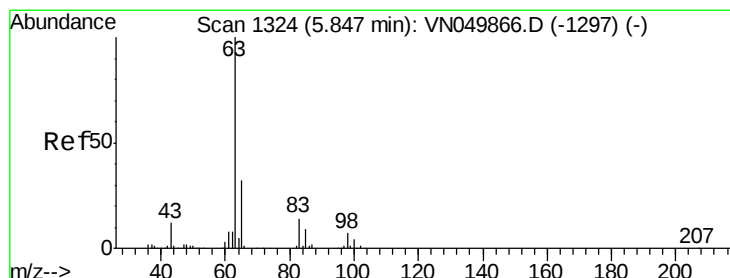
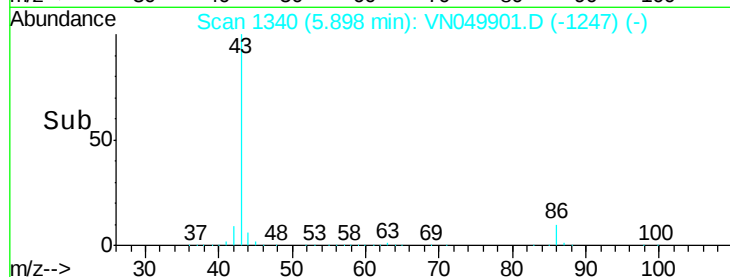
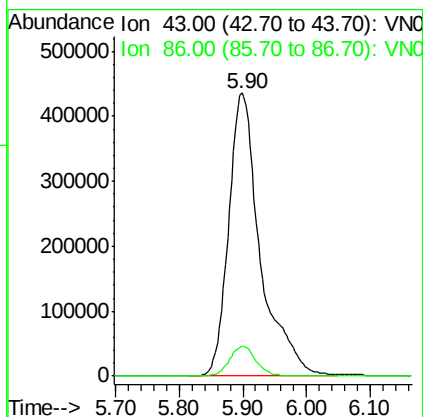
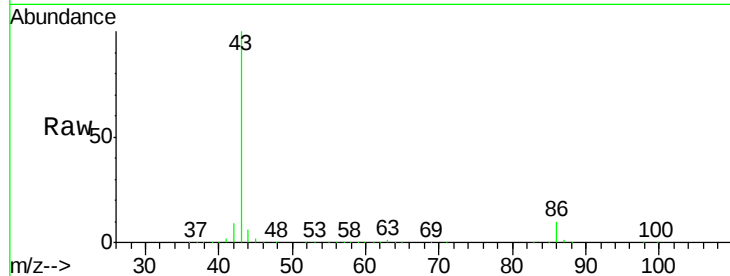




#23
 Vinyl Acetate
 Concen: 101.02 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

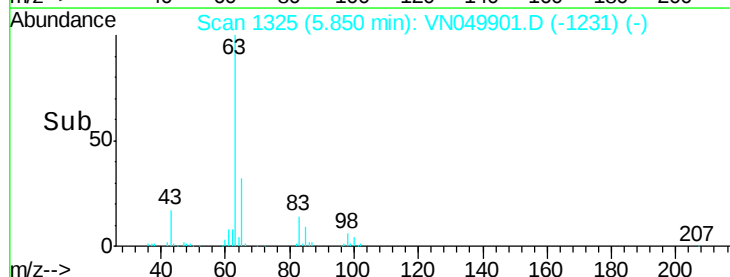
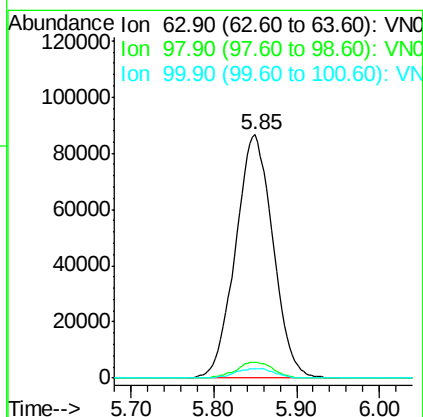
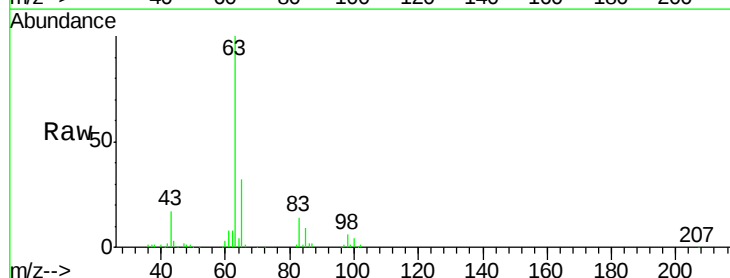
Instrument :
 MSVOA_N
 ClientSampleId :

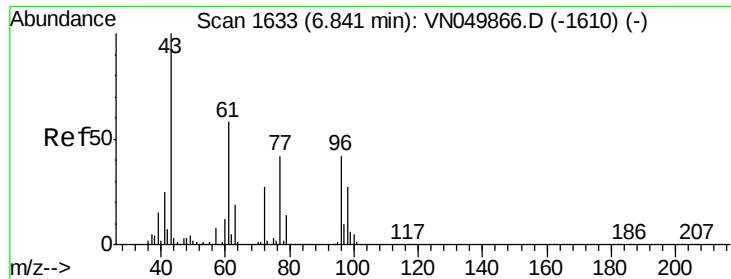
Tot Ion: 43 Resp: 1509621
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.89 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 63 Resp: 271958
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.9 2.2 6.6

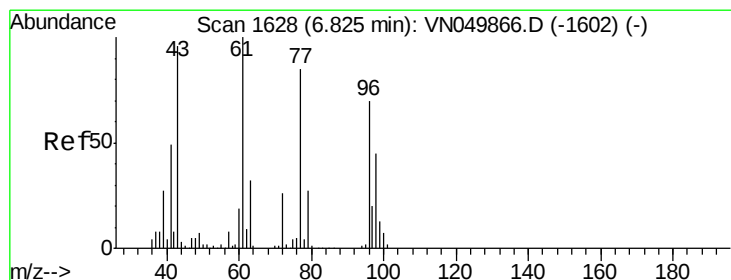
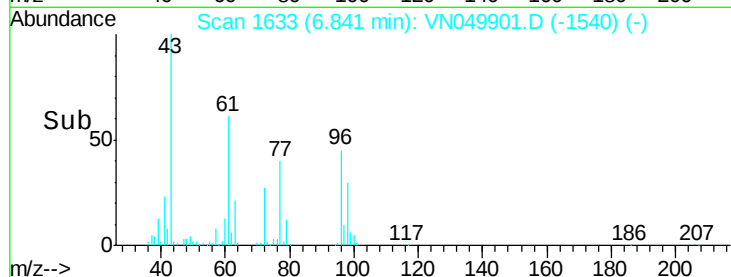
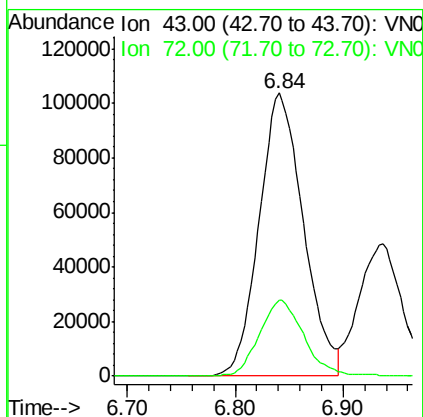
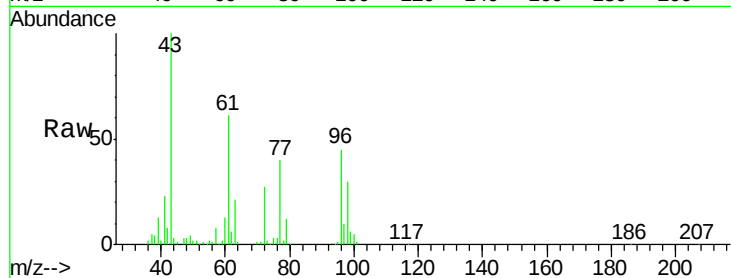




#25
 2-Butanone
 Concen: 94.70 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

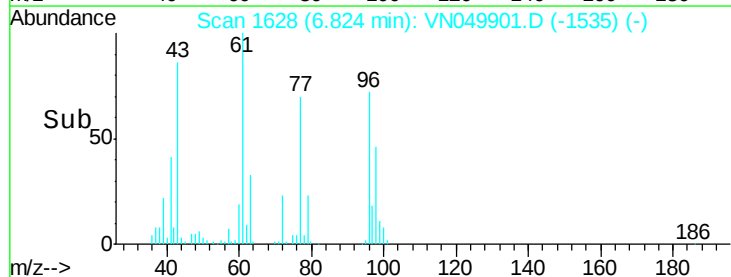
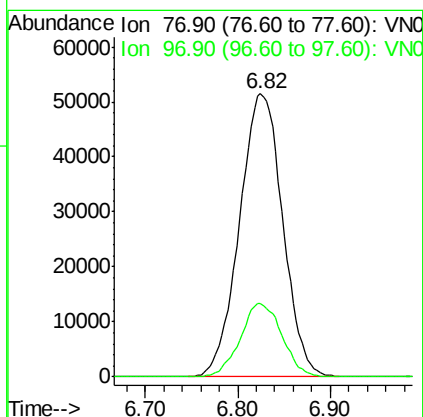
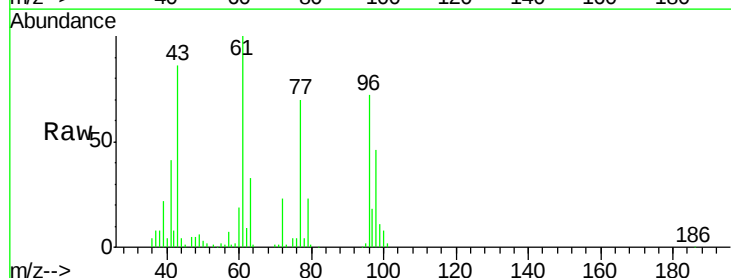
Instrument :
 MSVOA_N
 ClientSampled :

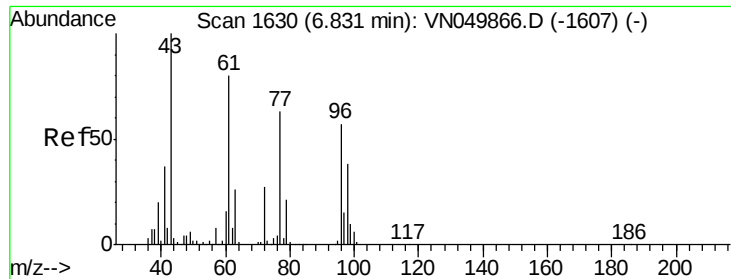
Tot Ion: 43 Resp: 294157
 Ion Ratio Lower Upper
 43 100
 72 26.9 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 15.65 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 77 Resp: 166482
 Ion Ratio Lower Upper
 77 100
 97 24.9 11.9 35.5

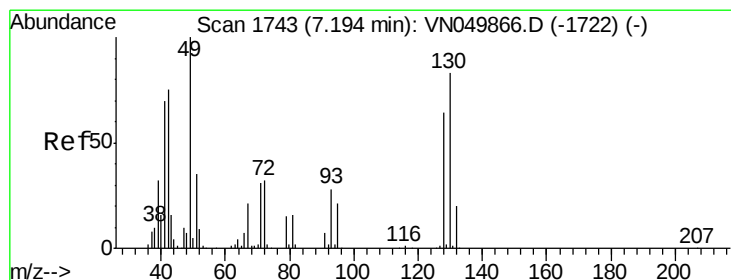
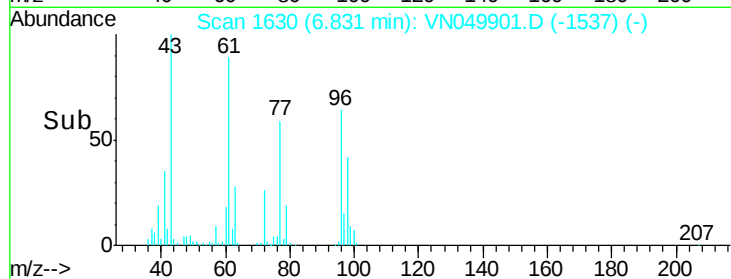
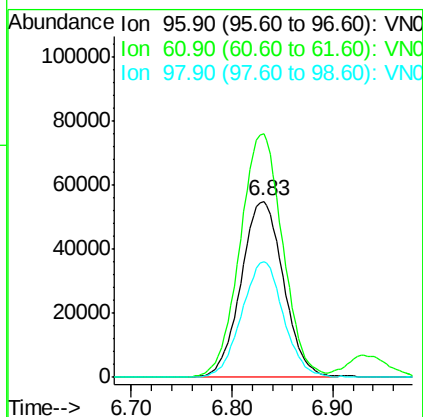
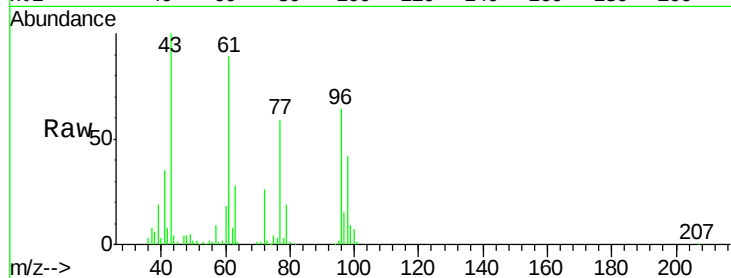




#27
 cis-1,2-Dichloroethene
 Concen: 20.80 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

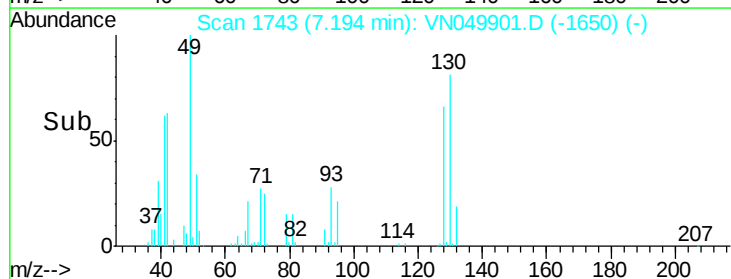
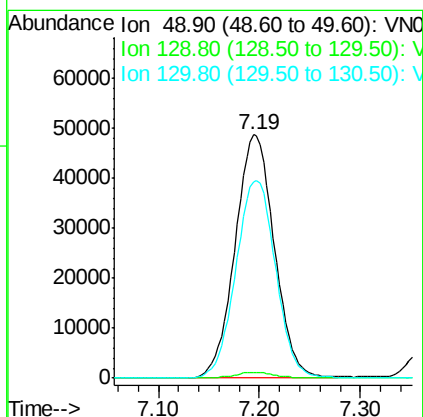
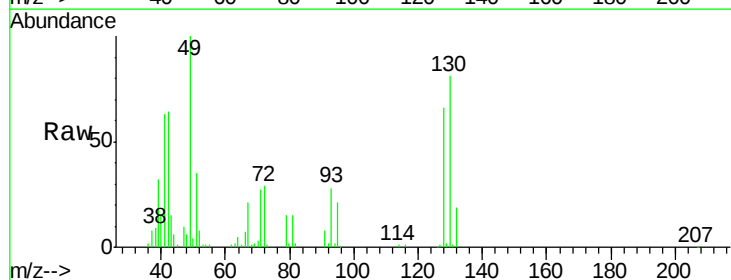
Instrument :
 MSVOA_N
 ClientSampleId :

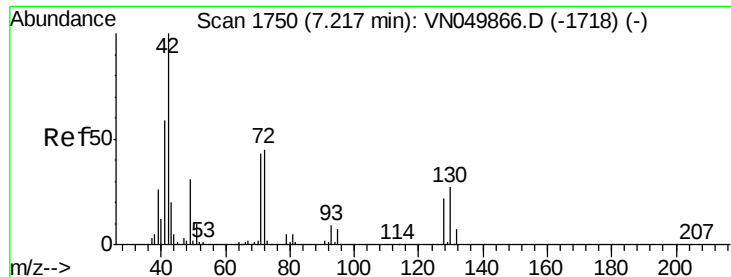
Tot Ion: 96 Resp: 160484
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 289.0
 98 64.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 21.32 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 49 Resp: 131684
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 82.4 65.5 98.3

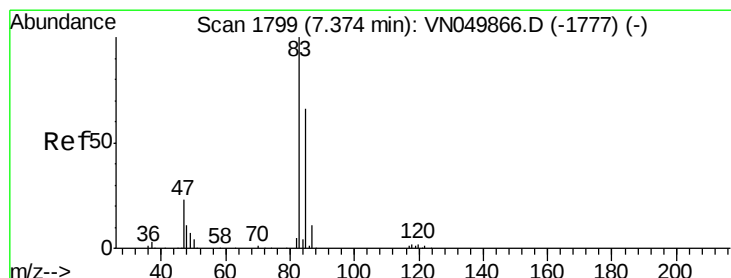
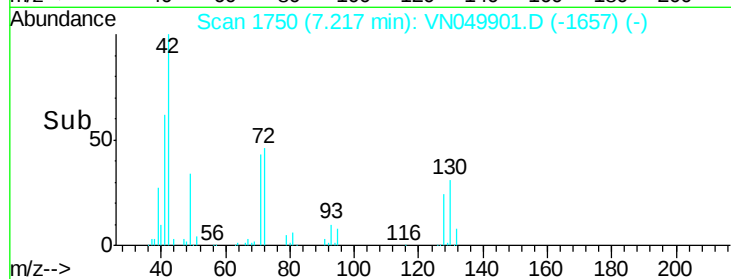
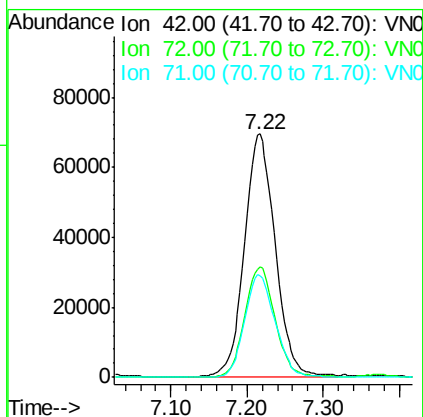
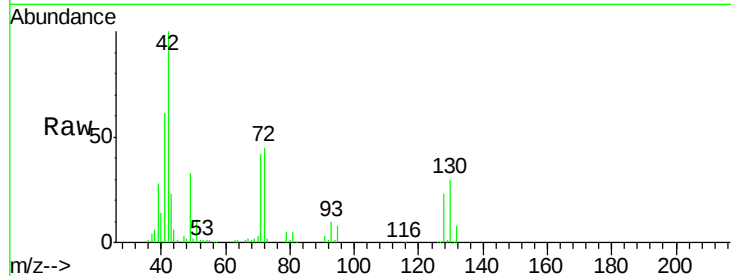




#29
Tetrahydrofuran
Concen: 99.80 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

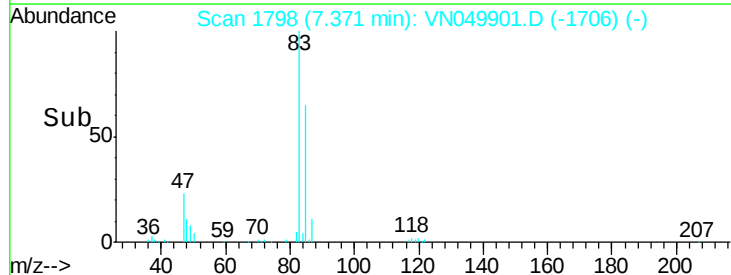
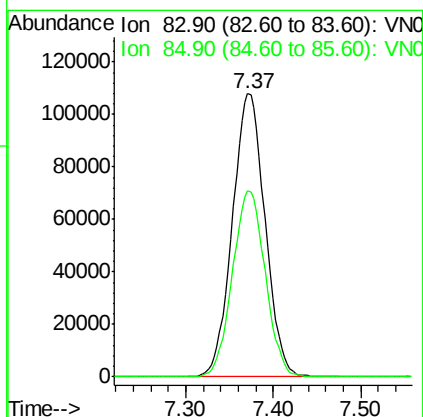
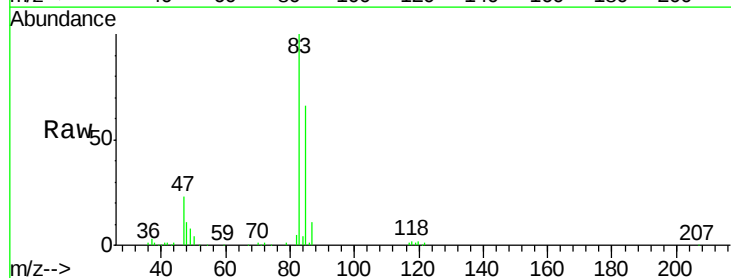
Instrument :
MSVOA_N
ClientSampled :

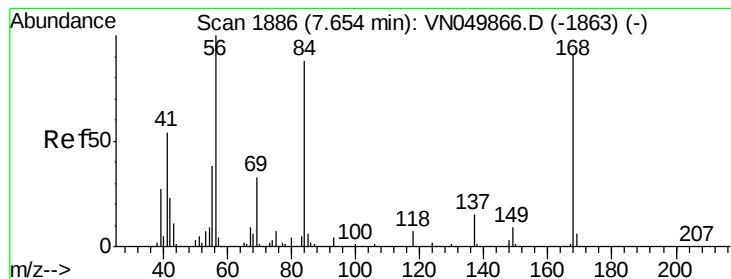
Tot Ion: 42 Resp: 195273
Ion Ratio Lower Upper
42 100
72 45.0 35.6 53.4
71 41.9 34.0 51.0



#30
Chloroform
Concen: 19.91 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 83 Resp: 279535
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2





#31

Cyclohexane

Concen: 20.11 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

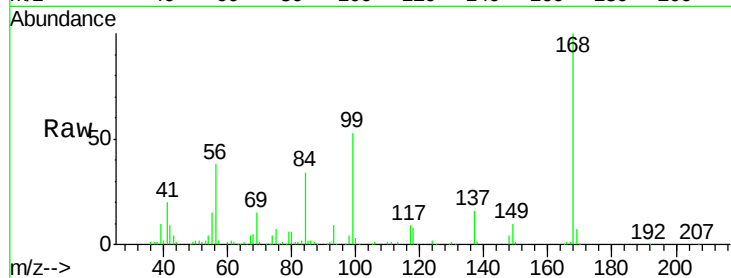
Tot Ion: 56 Resp: 223828

Ion Ratio Lower Upper

56 100

69 38.9 26.6 40.0

84 87.4 69.0 103.6

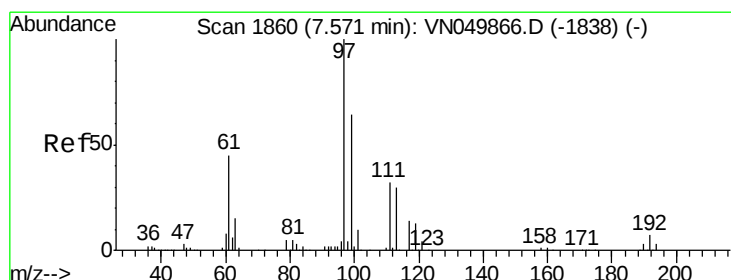
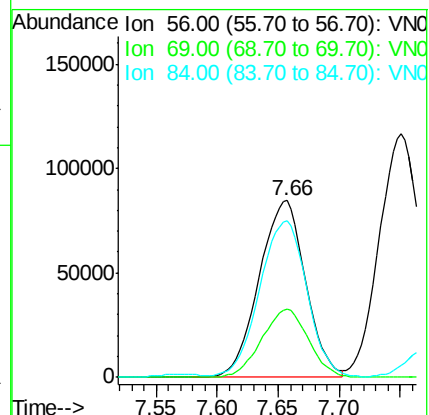
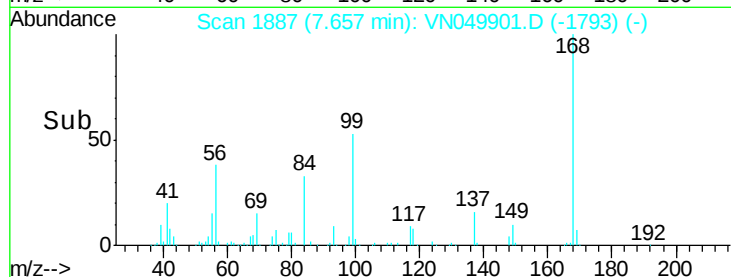


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.62 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

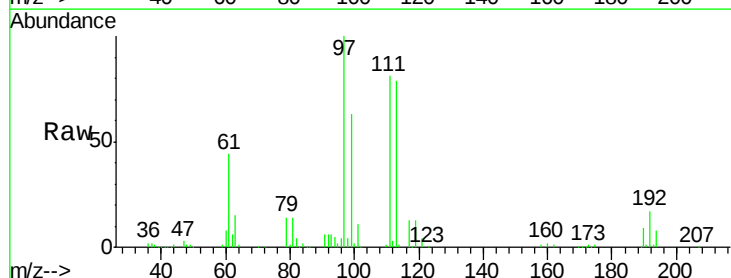
Tgt Ion: 97 Resp: 238048

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 44.3 35.5 53.3

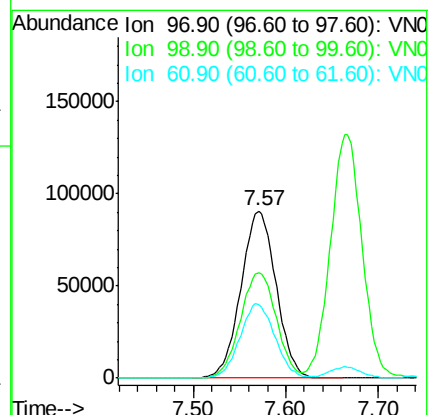
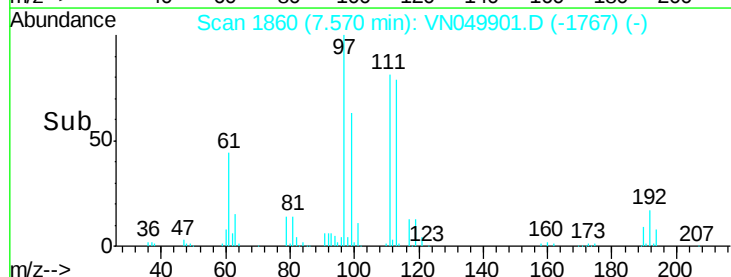


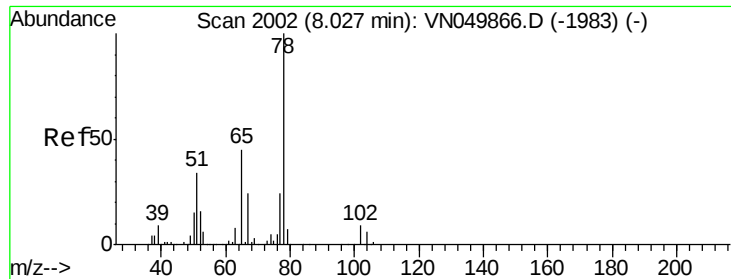
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

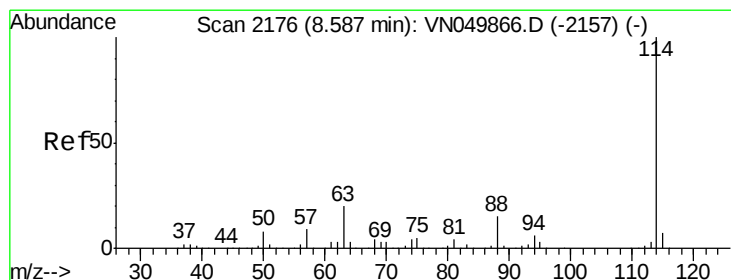
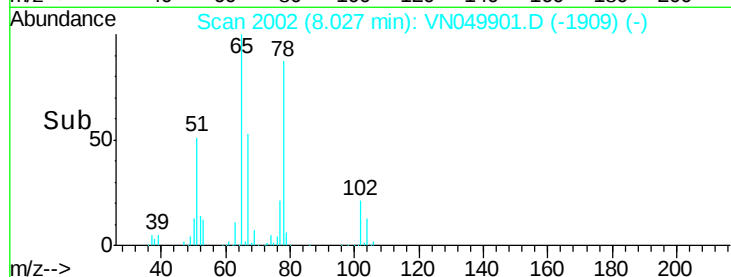
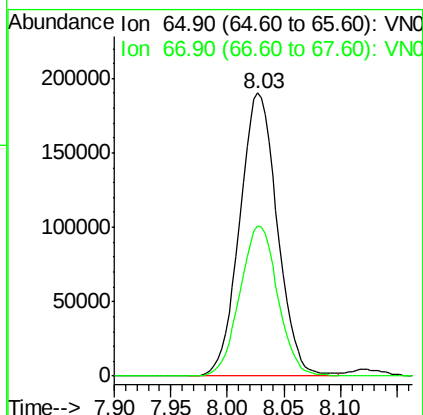
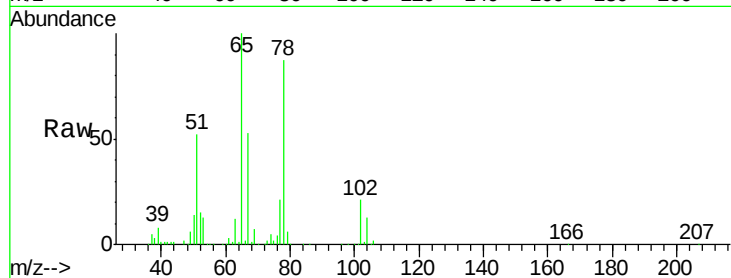




#33
 1,2-Dichloroethane-d4
 Concen: 52.53 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

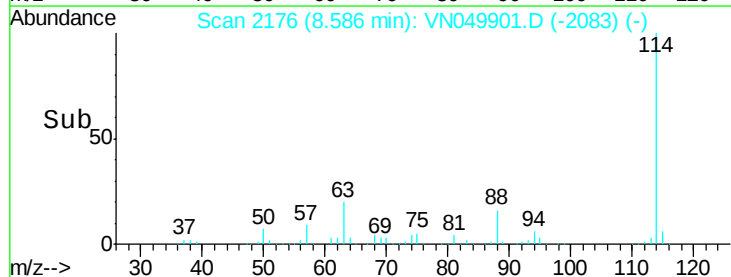
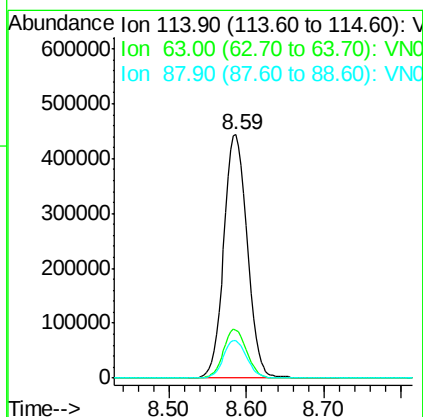
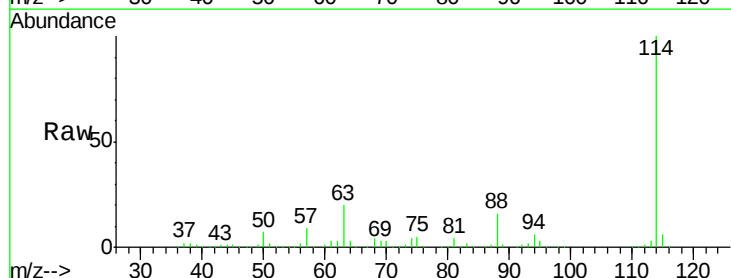
Instrument :
 MSVOA_N
 ClientSampleId :

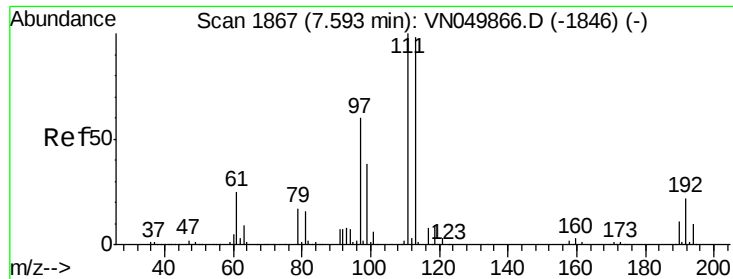
Tot Ion: 65 Resp: 440963
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 114 Resp: 931840
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 30.6

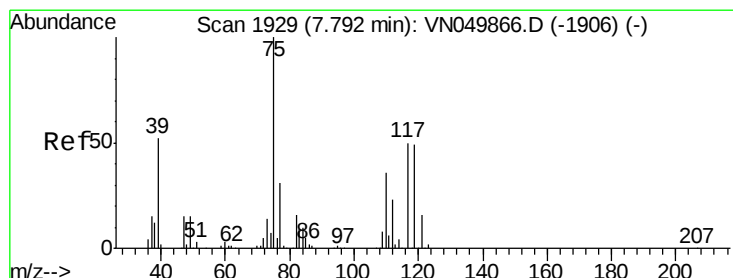
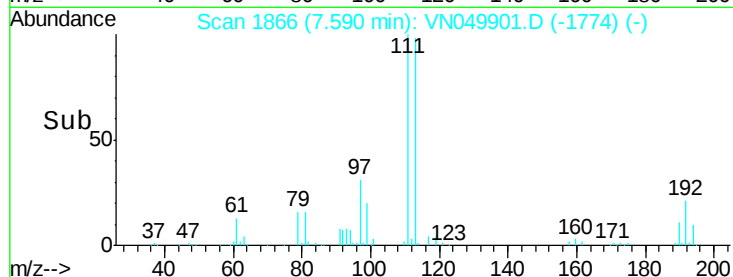
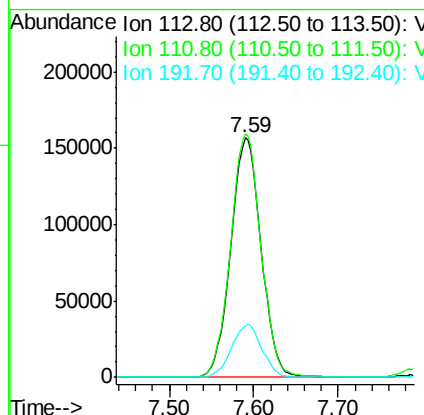
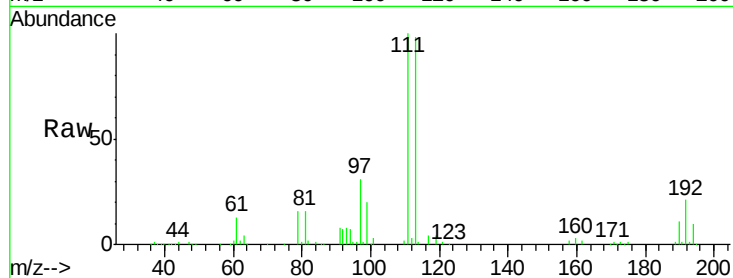




#35
 Dibromofluoromethane
 Concen: 50.12 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

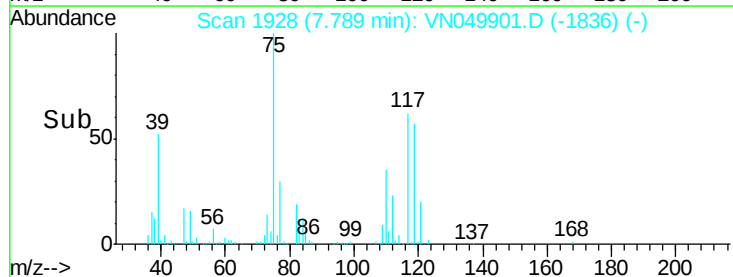
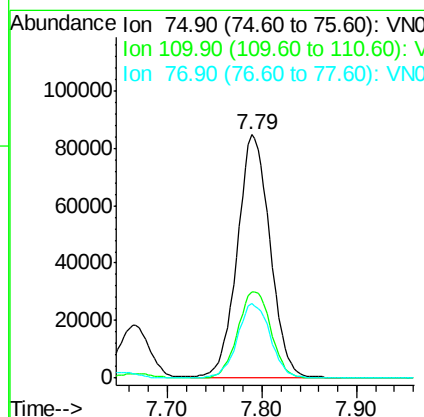
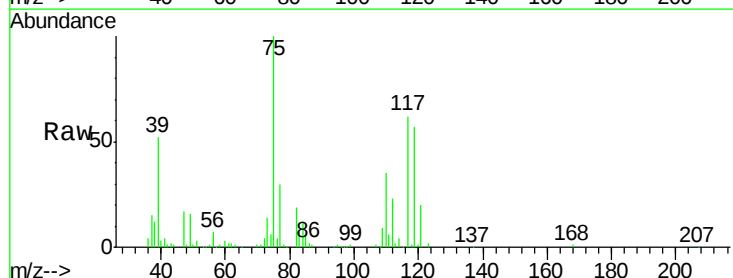
Instrument :
 MSVOA_N
 ClientSampleId :

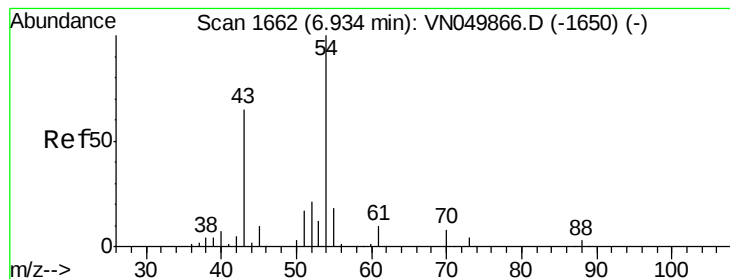
Tot Ion:113 Resp: 392097
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.61 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 75 Resp: 203190
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.4
 77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 19.05 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampled :

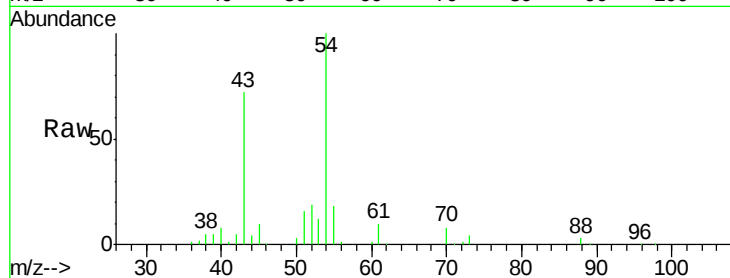
Tot Ion: 43 Resp: 135568

Ion Ratio Lower Upper

43 100

61 14.5 11.7 17.5

70 10.6 8.4 12.6

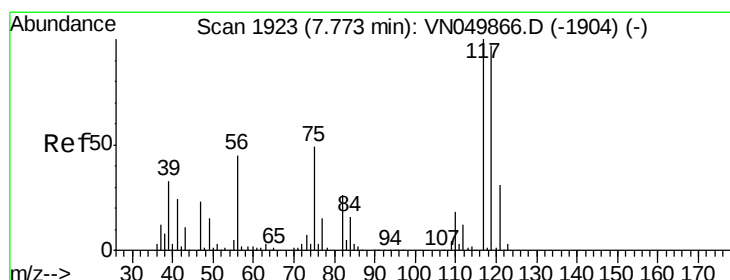
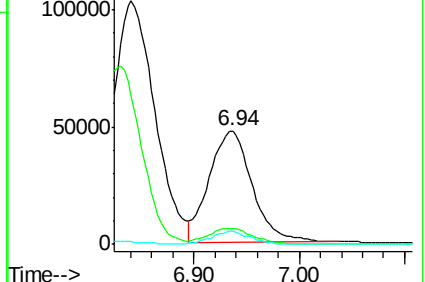
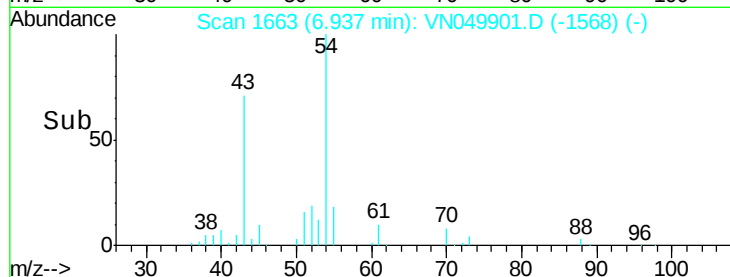


Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-1650) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-1650) (-)

Ion 70.00 (69.70 to 70.70): VN049866.D (-1650) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 18.97 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

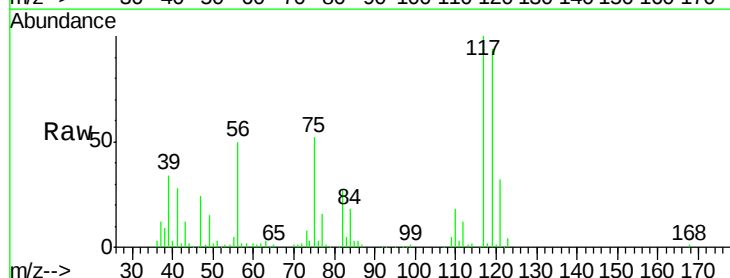
Tgt Ion: 117 Resp: 210581

Ion Ratio Lower Upper

117 100

119 94.3 77.2 115.8

121 31.5 25.0 37.6

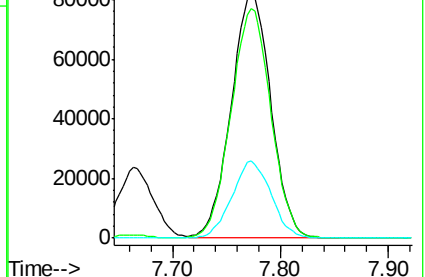
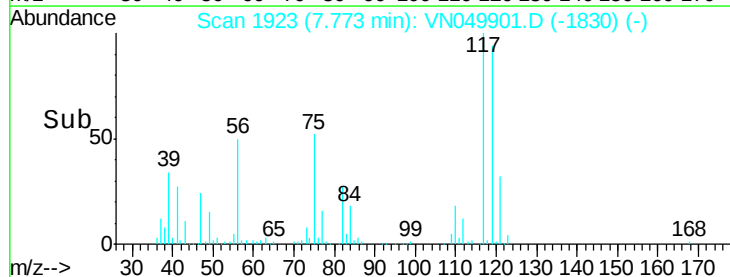


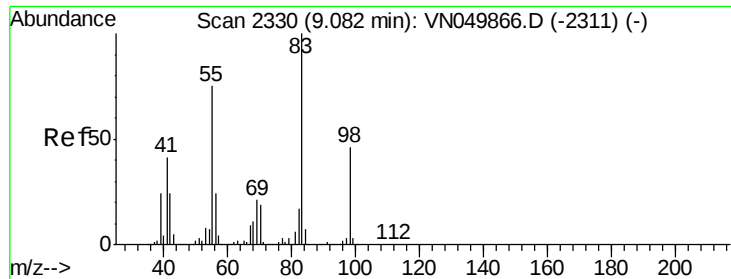
Abundance Ion 116.80 (116.50 to 117.50): VN049866.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN049866.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN049866.D (-1904) (-)

Time-->

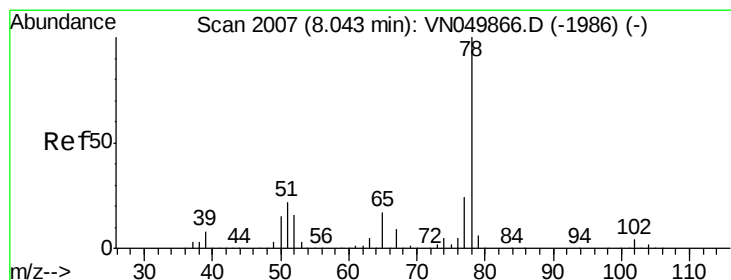
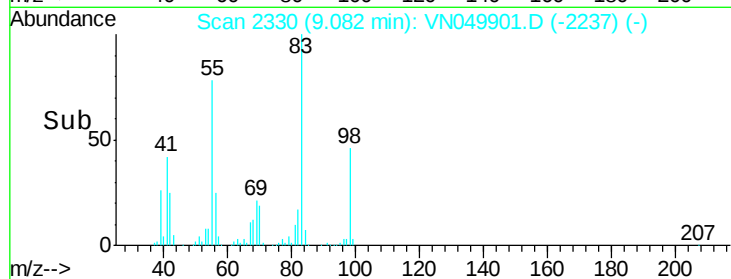
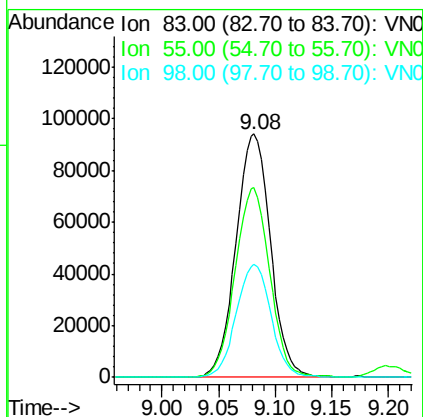
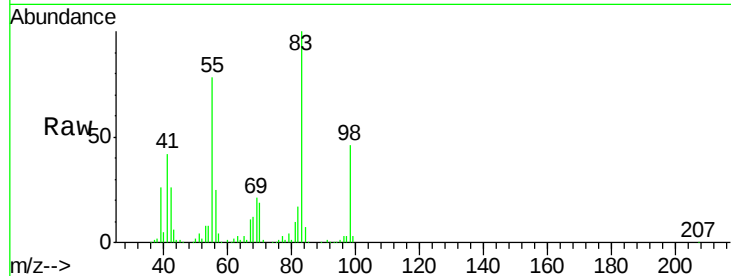




#39
Methvlcvclohexane
Concen: 18.78 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

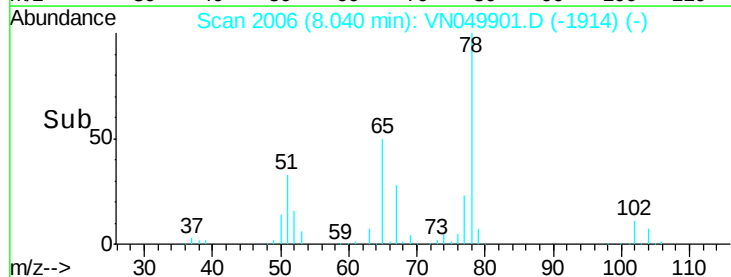
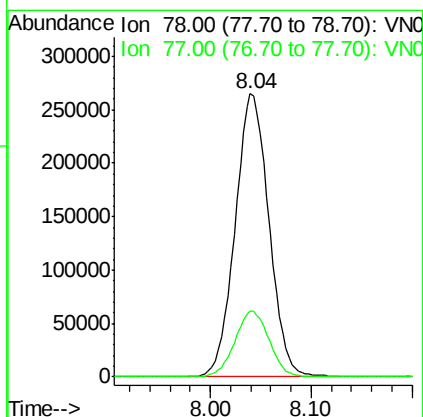
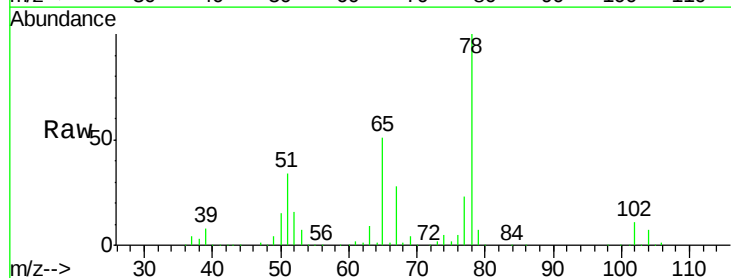
Instrument :
MSVOA_N
ClientSampleId :

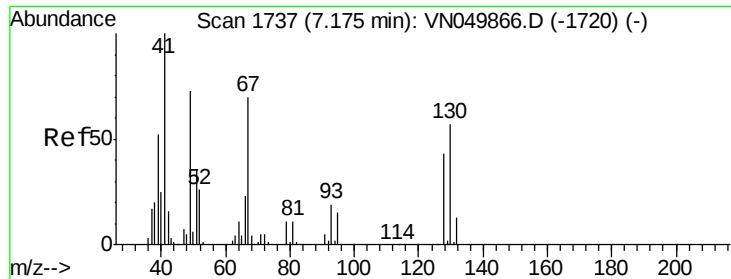
Tot Ion: 83 Resp: 200996
Ion Ratio Lower Upper
83 100
55 77.8 59.7 89.5
98 46.2 36.5 54.7



#40
Benzene
Concen: 19.49 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 78 Resp: 615585
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

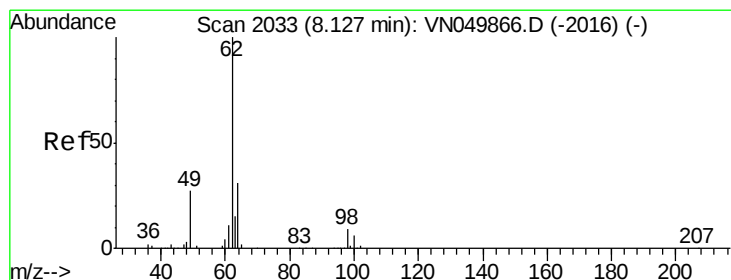
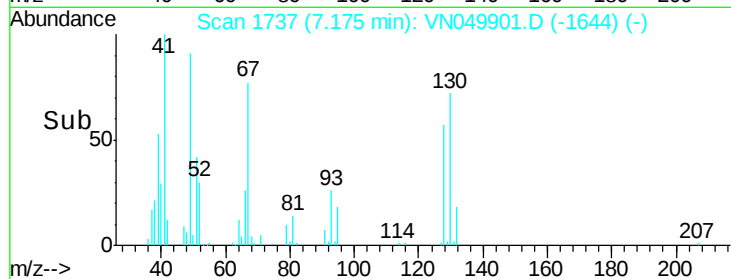
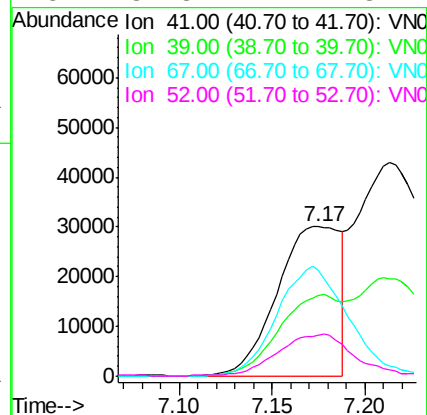
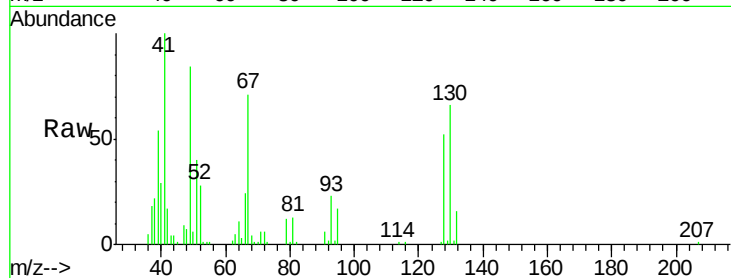




#41
Methacrylonitrile
Concen: 20.06 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

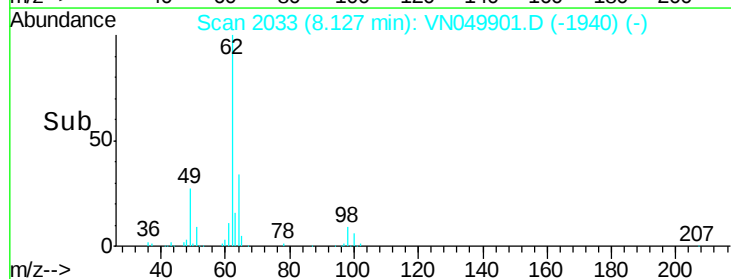
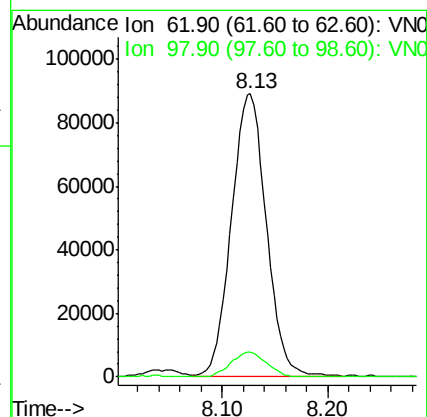
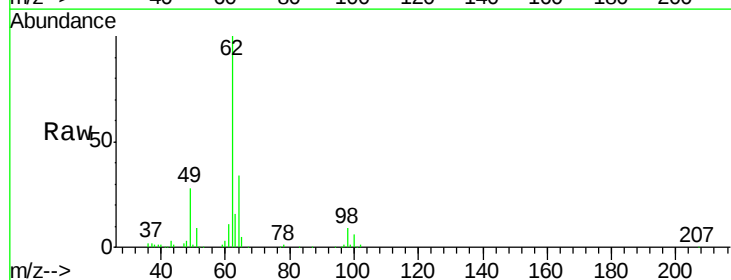
Instrument :
MSVOA_N
ClientSampled :

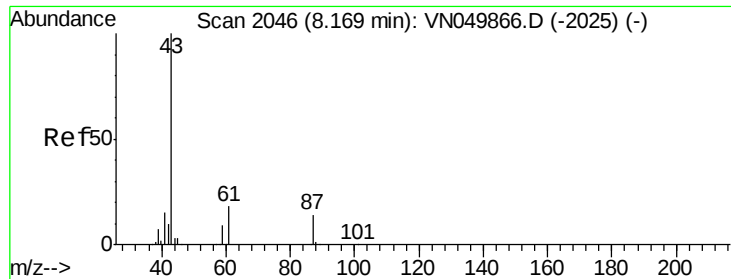
Tot Ion:	41	Resp:	71541
Ion	Ratio	Lower	Upper
41	100		
39	52.6	45.4	68.2
67	83.3	65.4	98.0
52	34.3	24.7	37.1



#42
1,2-Dichloroethane
Concen: 19.35 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion:	62	Resp:	202351
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.0



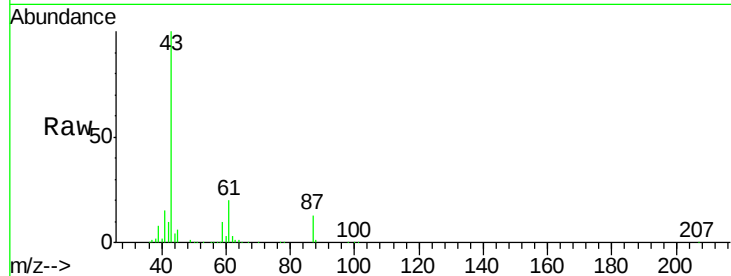


#43

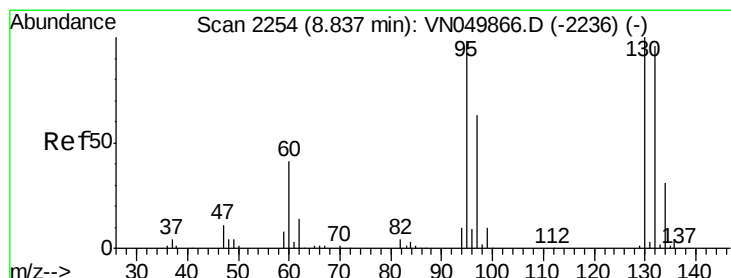
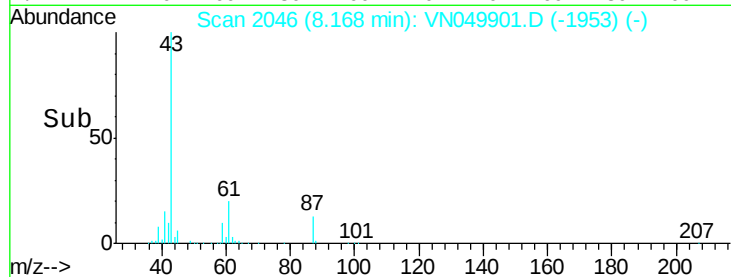
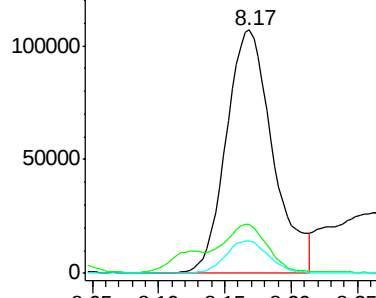
Isopropyl Acetate
 Concen: 21.04 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	43	Resp	261480
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.9	22.3
87	12.3	10.0	15.0



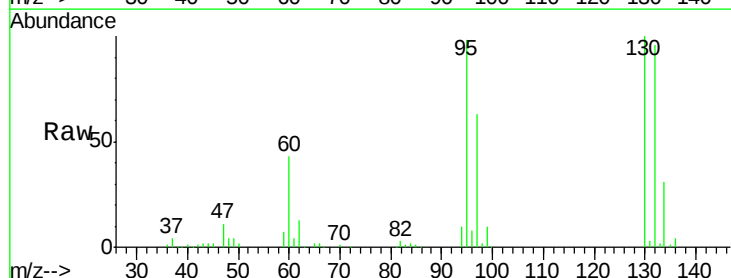
Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)



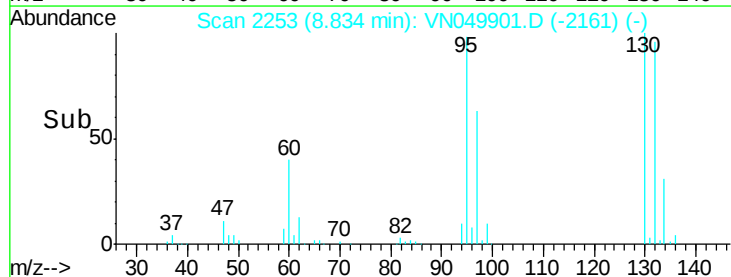
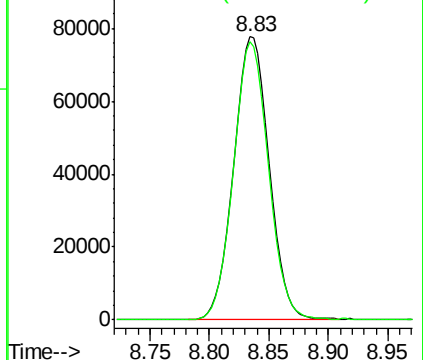
#44

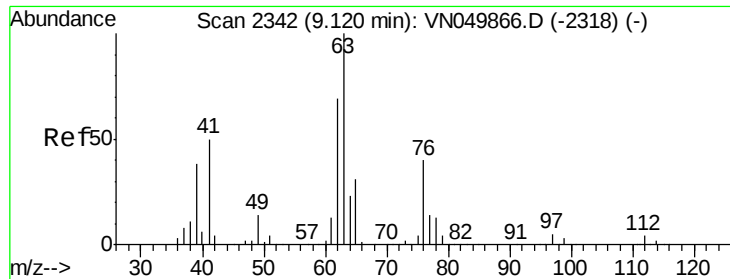
Trichloroethene
 Concen: 19.40 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion	130	Resp	160599
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) (-)





#45

1,2-Dichloropropane

Concen: 19.34 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

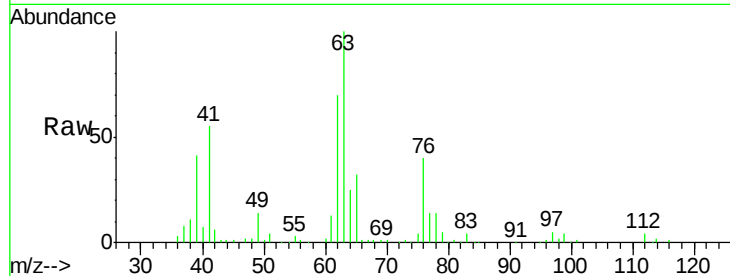
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 164798

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN049901.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN049901.D (-2249) (-)

9.12

80000

60000

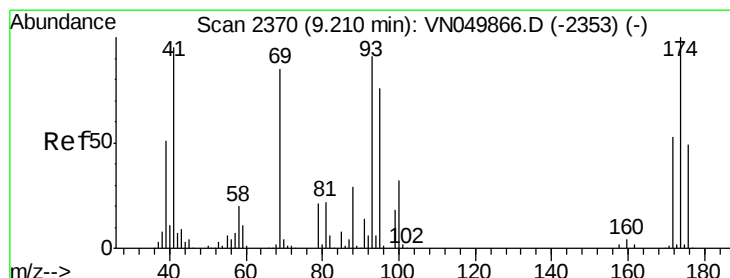
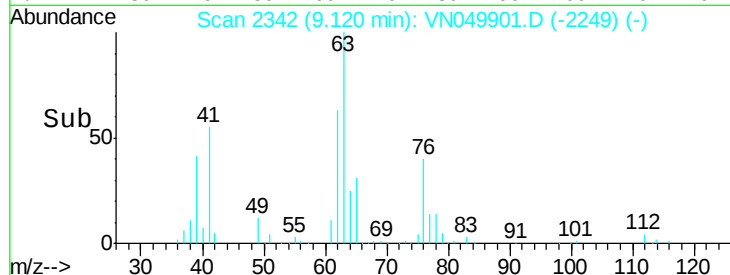
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 19.09 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

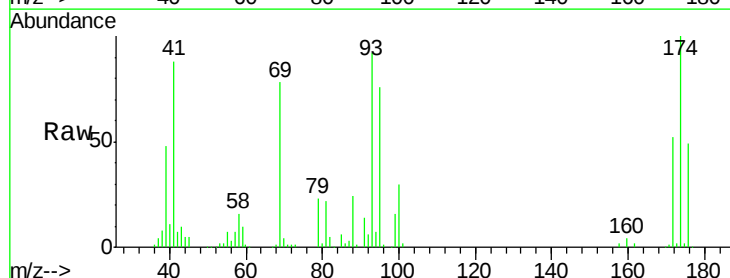
Tgt Ion: 93 Resp: 100864

Ion Ratio Lower Upper

93 100

95 84.5 67.9 101.9

174 111.2 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN049901.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049901.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049901.D (-2277) (-)

9.21

60000

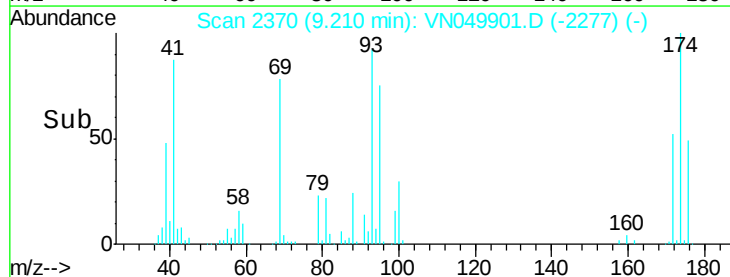
40000

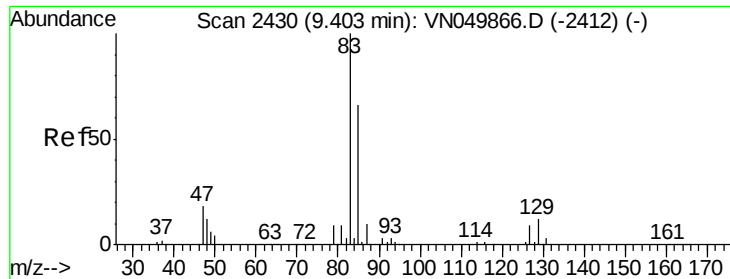
20000

0

Time-->

9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 19.22 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampled :

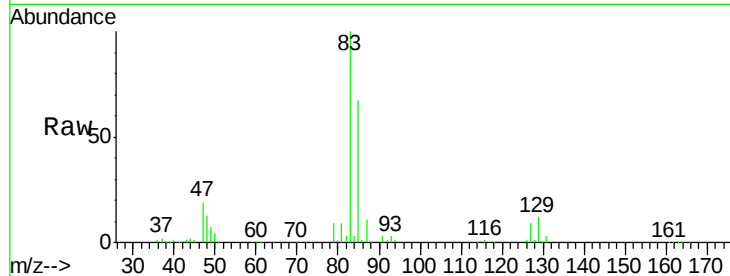
Tot Ion: 83 Resp: 210057

Ion Ratio Lower Upper

83 100

85 66.7 50.5 75.7

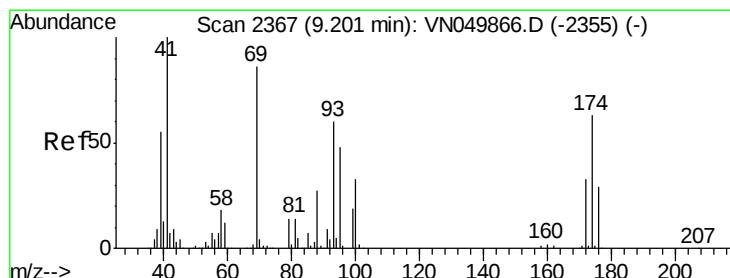
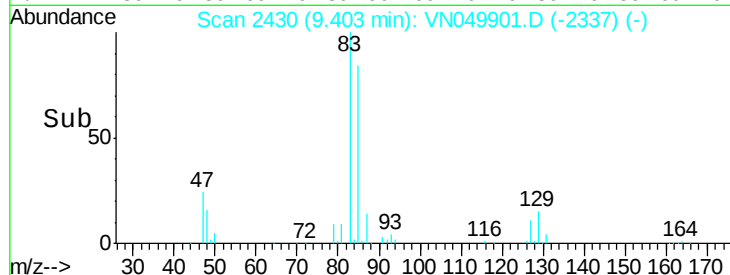
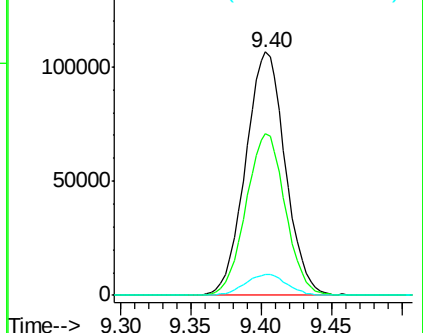
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049901.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049901.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049901.D (-2337) (-)



#48

Methyl methacrylate

Concen: 18.72 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

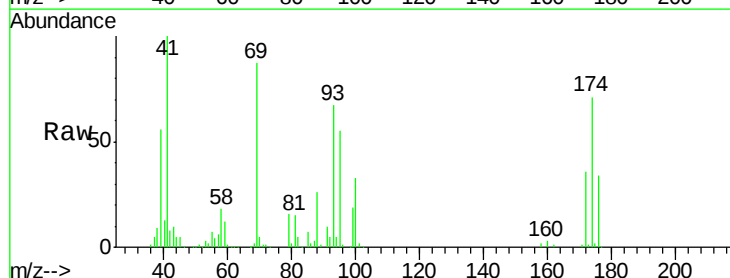
Tgt Ion: 41 Resp: 116732

Ion Ratio Lower Upper

41 100

69 88.4 71.5 107.3

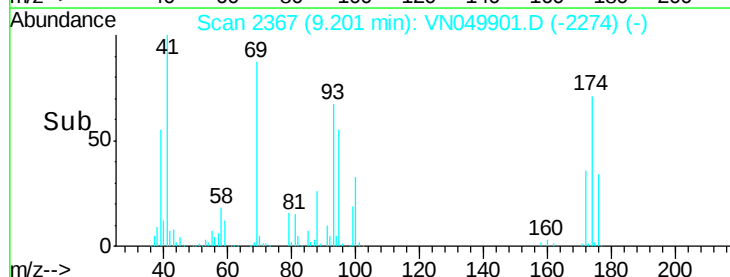
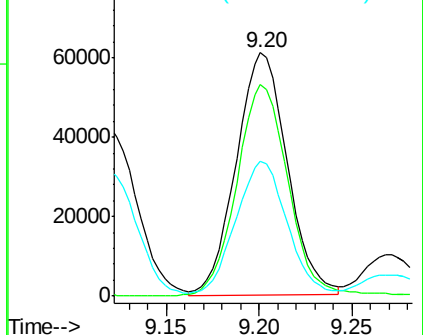
39 55.9 44.7 67.1

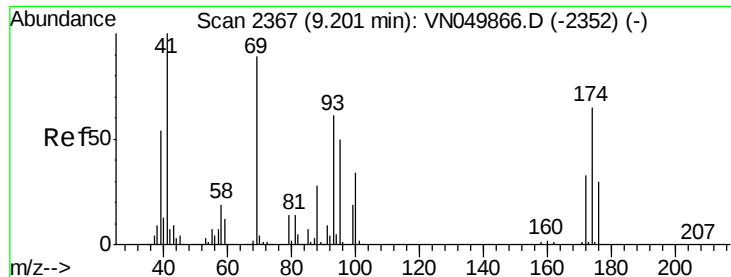


Abundance Ion 41.00 (40.70 to 41.70): VN049901.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049901.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049901.D (-2274) (-)





#49

1,4-Dioxane

Concen: 376.11 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_N
ClientSampleId :

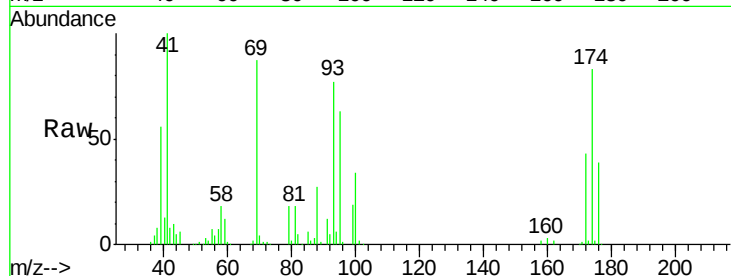
Tot Ion: 88 Resp: 33267

Ion Ratio Lower Upper

88 100

43 31.7 25.1 37.7

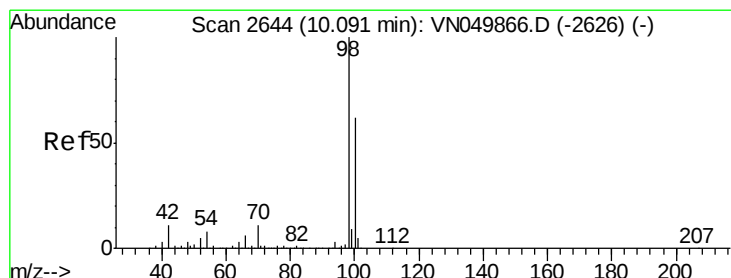
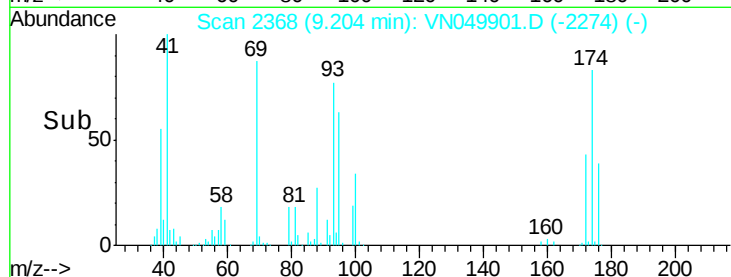
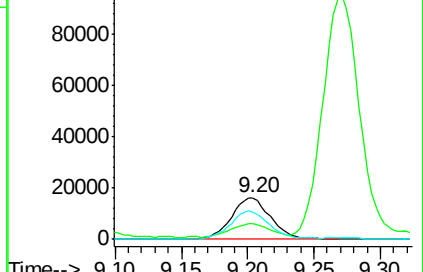
58 68.1 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN049866.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN049866.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-2352) (-)



#50

Toluene-d8

Concen: 50.81 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049901.D

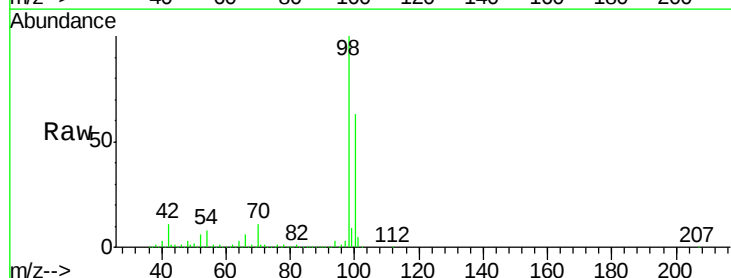
Acq: 19 Jul 2018 4:27

Tgt Ion: 98 Resp: 1448227

Ion Ratio Lower Upper

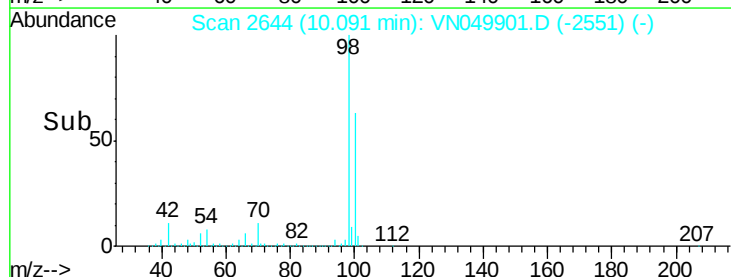
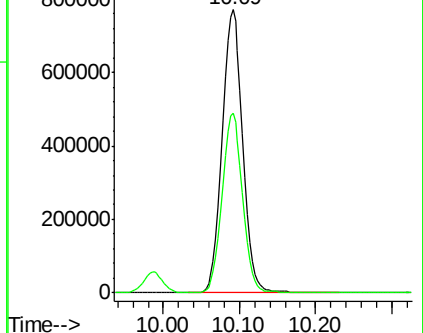
98 100

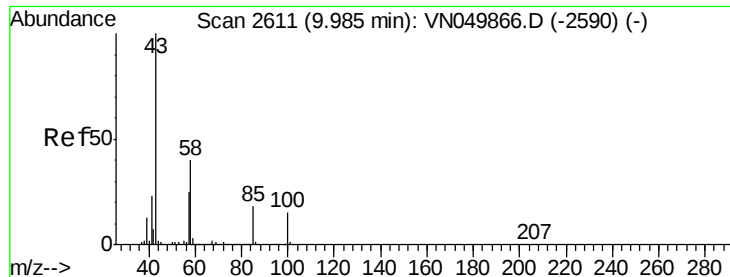
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049866.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049866.D (-2626) (-)

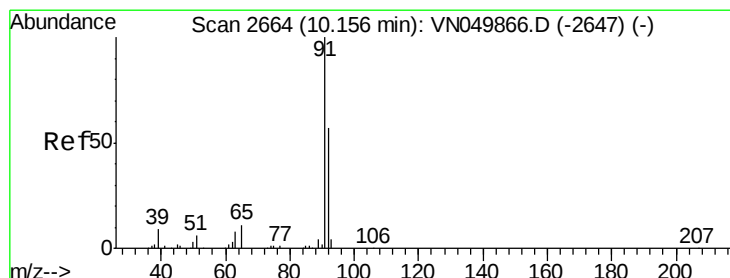
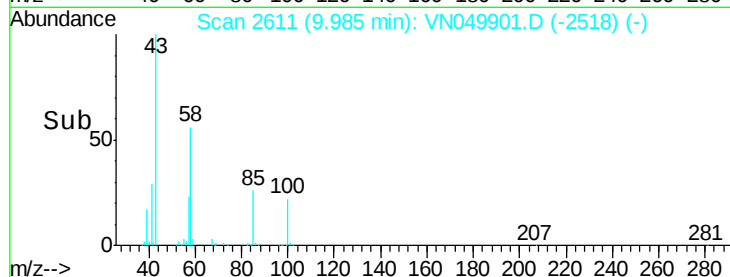
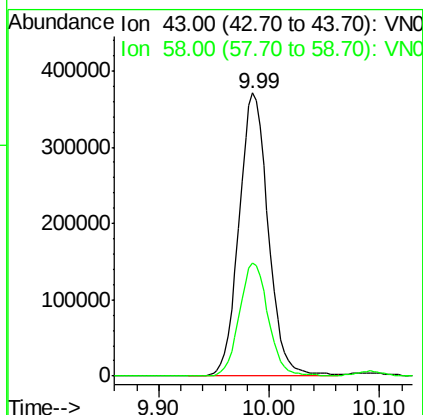
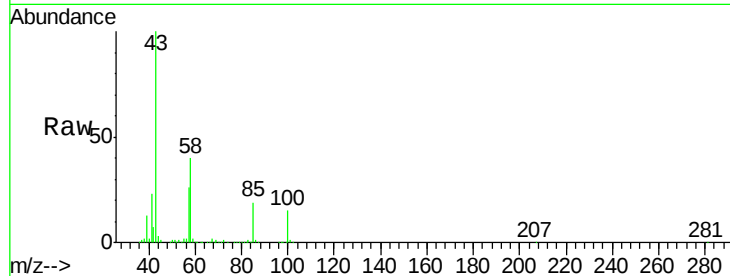




#51
 4-Methyl-2-Pentanone
 Concen: 97.22 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

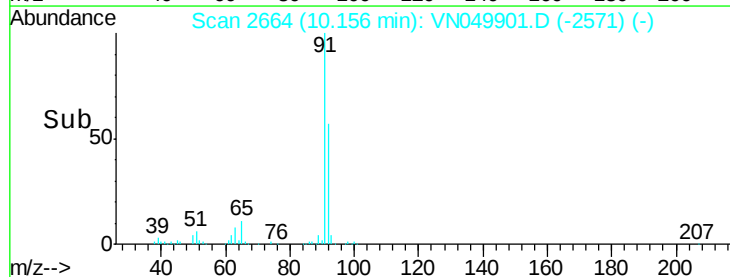
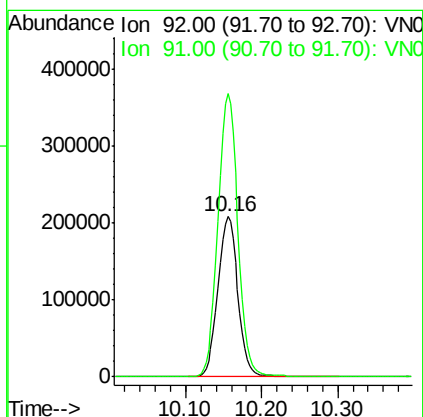
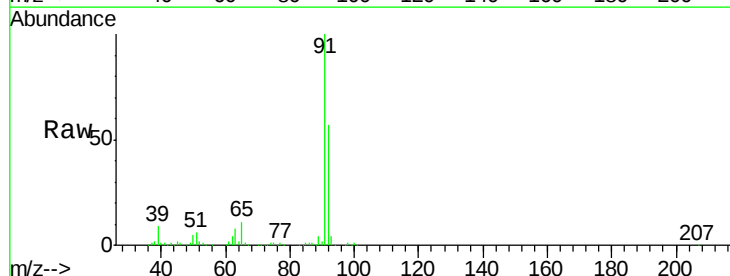
Instrument :
 MSVOA_N
 ClientSampled :

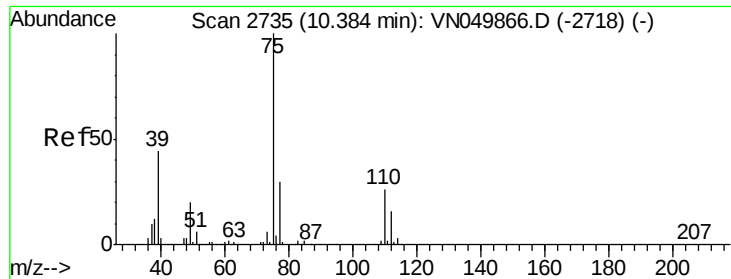
Tot Ion: 43 Resp: 675521
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.8 47.8



#52
 Toluene
 Concen: 20.15 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion: 92 Resp: 379635
 Ion Ratio Lower Upper
 92 100
 91 176.6 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

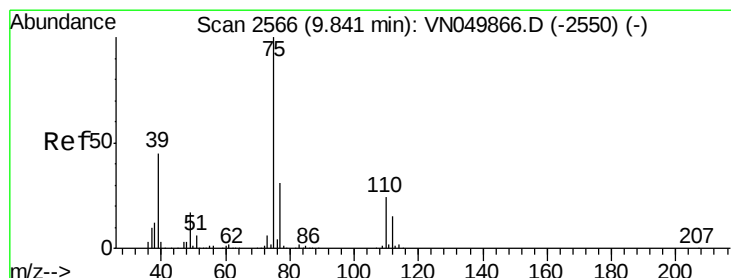
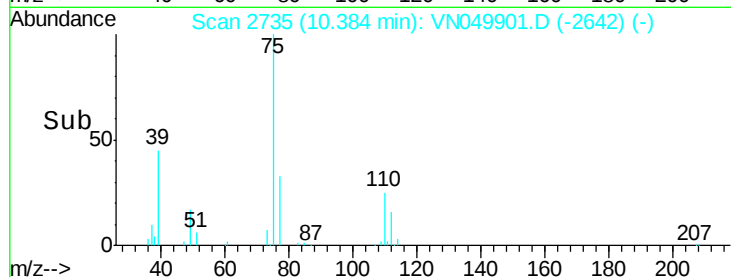
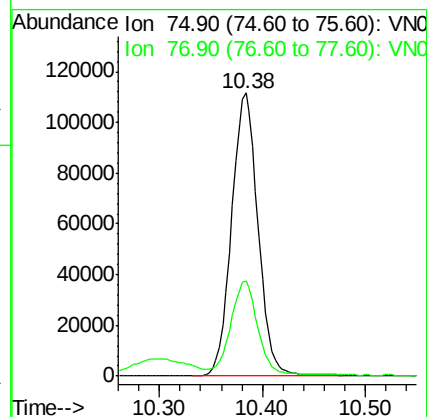
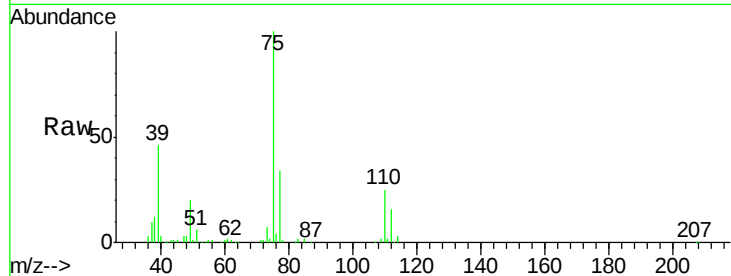
ClientSampled :

Tot Ion: 75 Resp: 199904

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.44 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

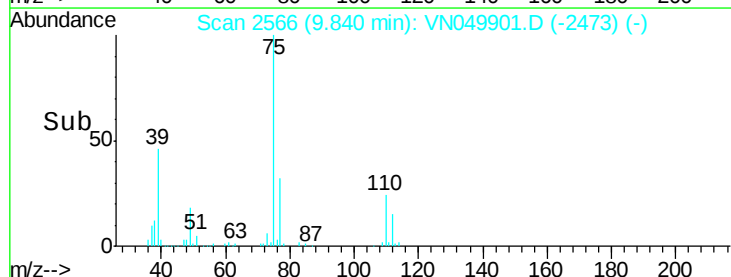
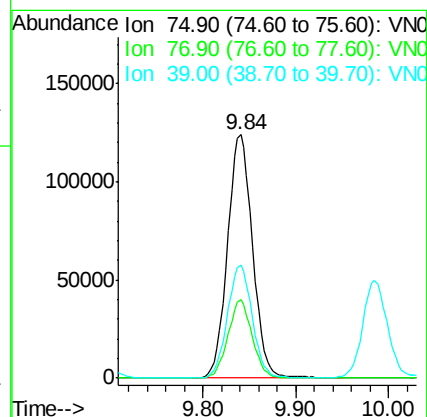
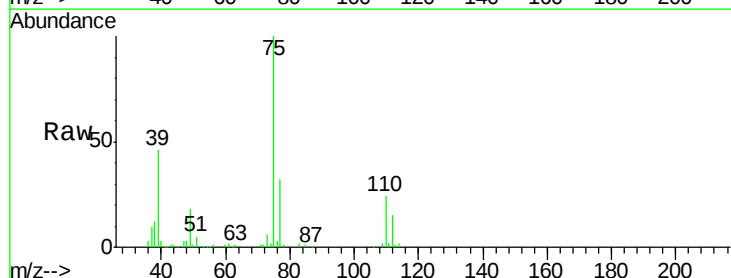
Tgt Ion: 75 Resp: 232090

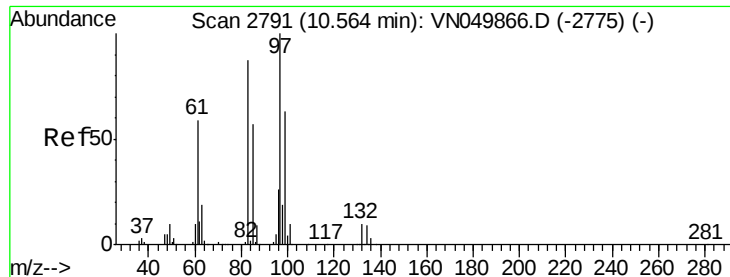
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 46.4 35.5 53.3

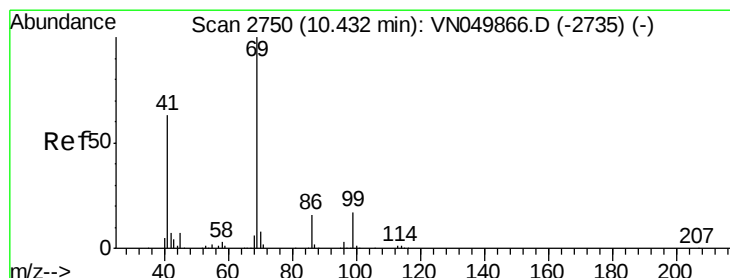
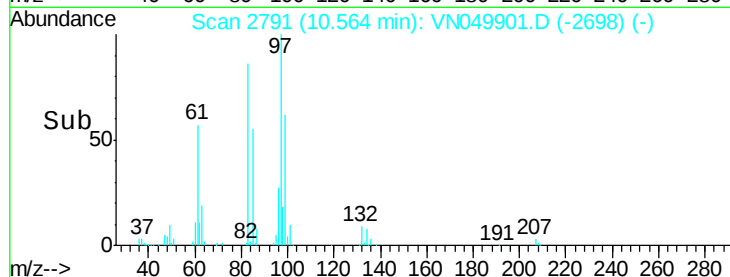
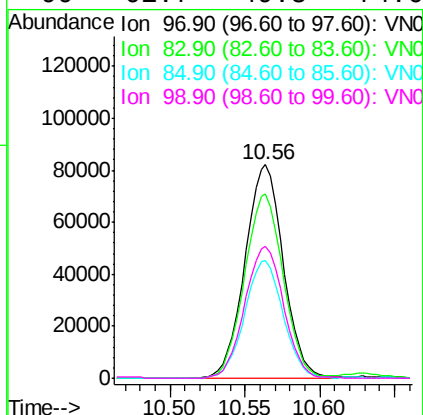
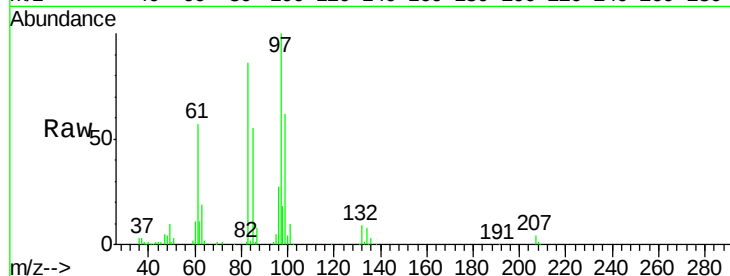




#55
 1,1,2-Trichloroethane
 Concen: 18.83 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

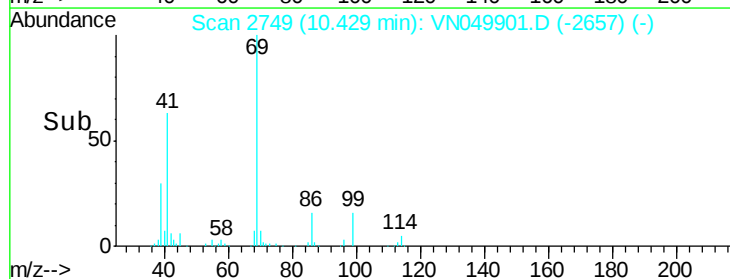
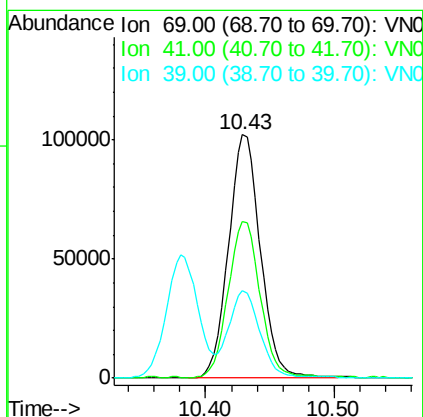
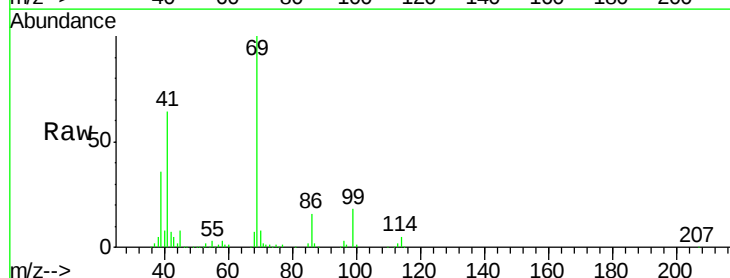
Instrument :
 MSVOA_N
 ClientSampled :

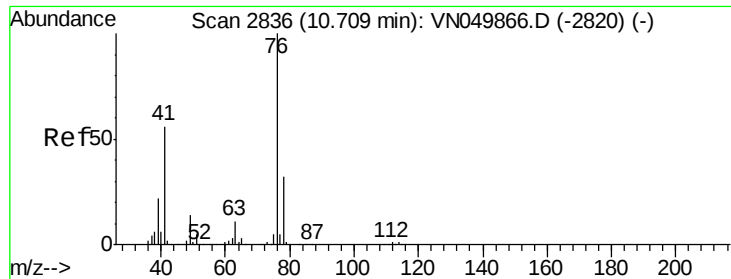
Tot Ion	97	Resp	146544
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.4	44.9	67.3
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.21 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion	69	Resp	175354
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.6	77.4
39	35.0	25.8	38.8





#57

1,3-Dichloropropane

Concen: 19.66 ug/l

RT: 10.71 min Scan# 2835

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

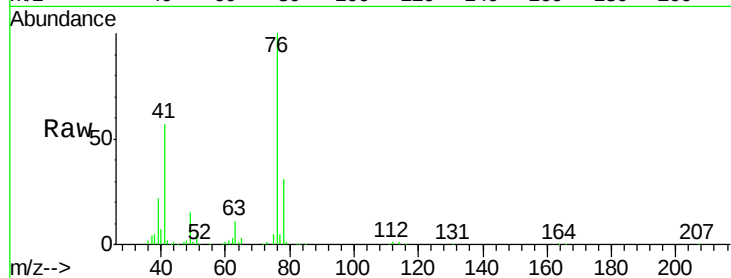
ClientSampled :

Tot Ion: 76 Resp: 240979

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN049866.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN049866.D (-2820) (-)

10.71

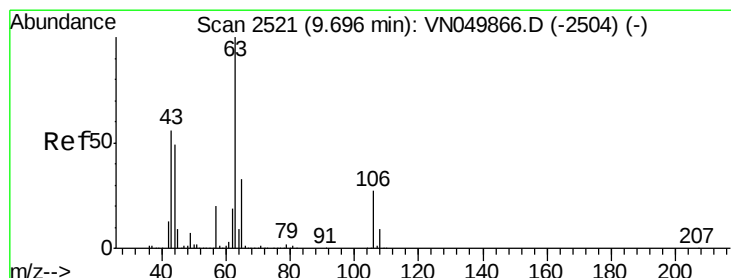
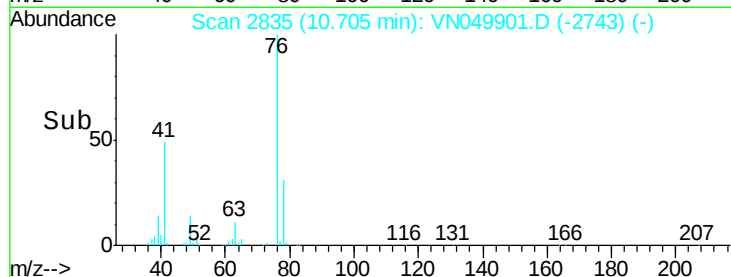
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 104.08 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049901.D

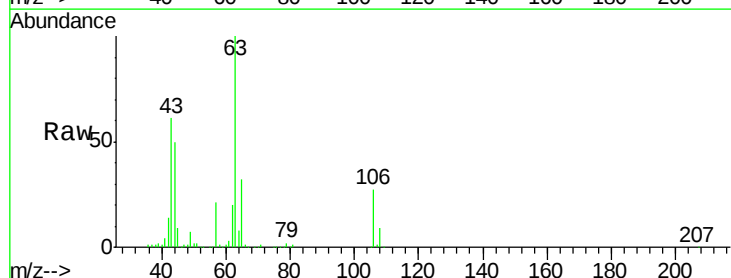
Acq: 19 Jul 2018 4:27

Tgt Ion: 63 Resp: 431445

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN049866.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049866.D (-2504) (-)

9.70

250000

200000

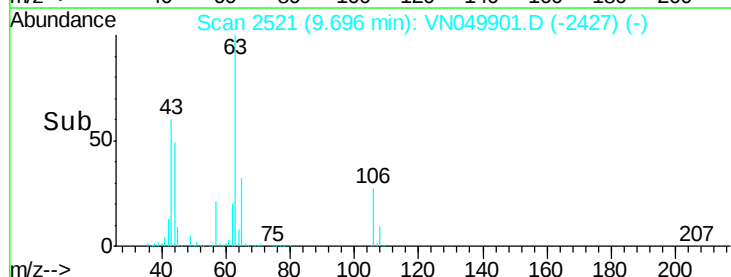
150000

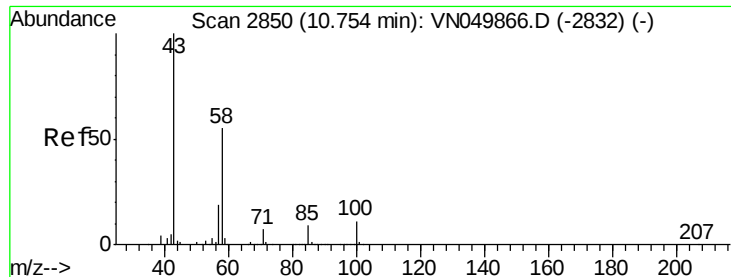
100000

50000

0

Time-->

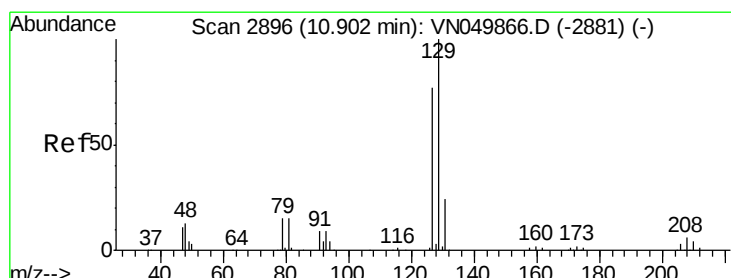
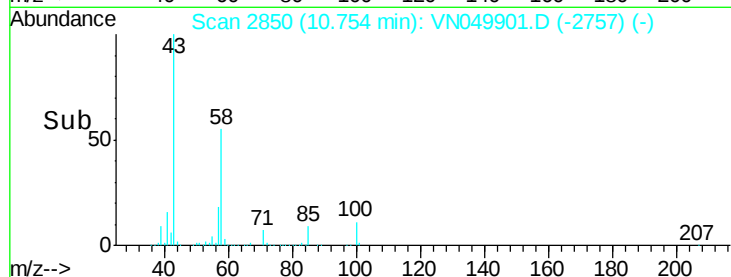
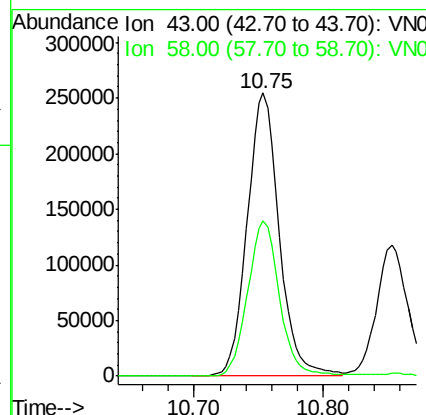
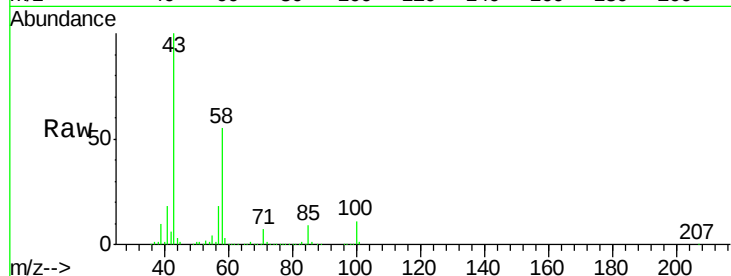




#59
2-Hexanone
Concen: 93.76 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

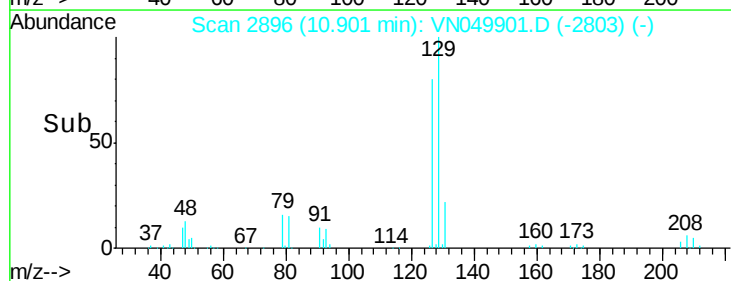
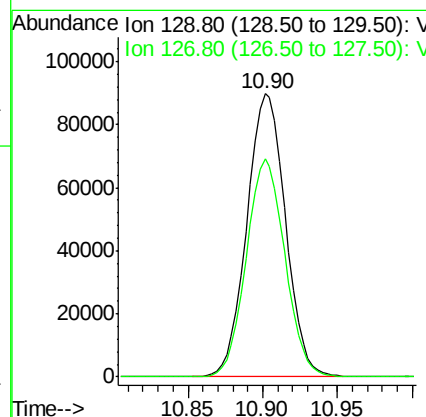
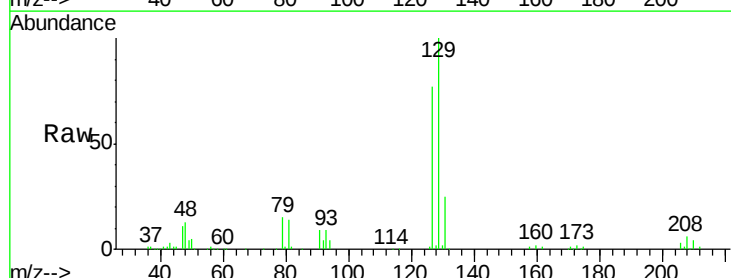
Instrument :
MSVOA_N
ClientSampled :

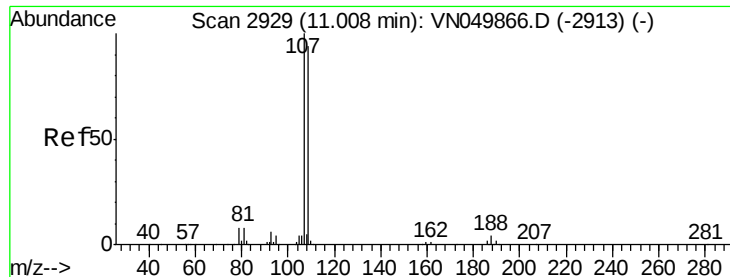
Tot Ion: 43 Resp: 437599
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 18.96 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 129 Resp: 161823
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.30 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

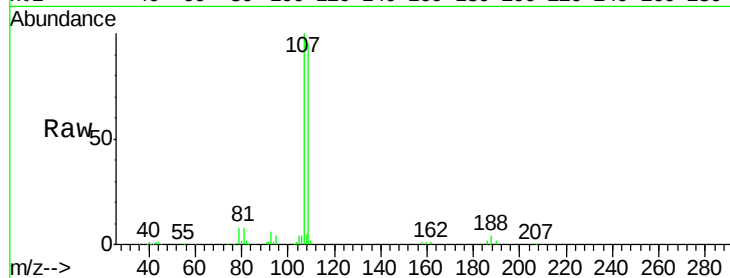
ClientSampleId :

Tot Ion: 107 Resp: 140352

Ion Ratio Lower Upper

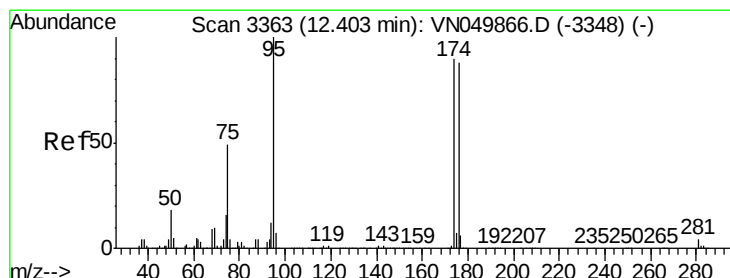
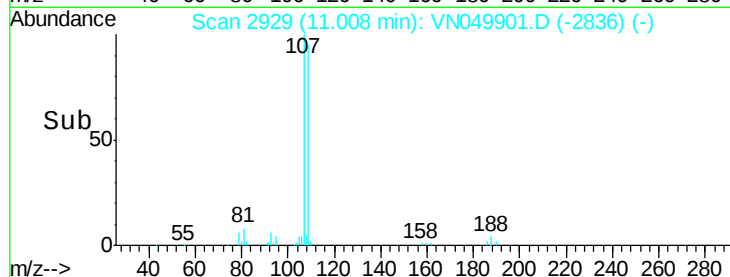
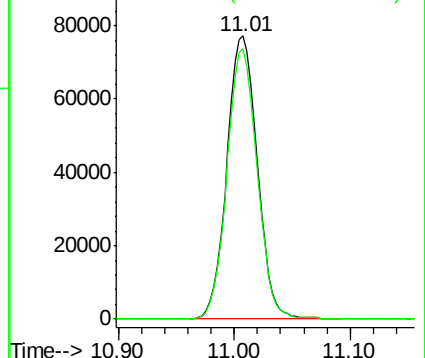
107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

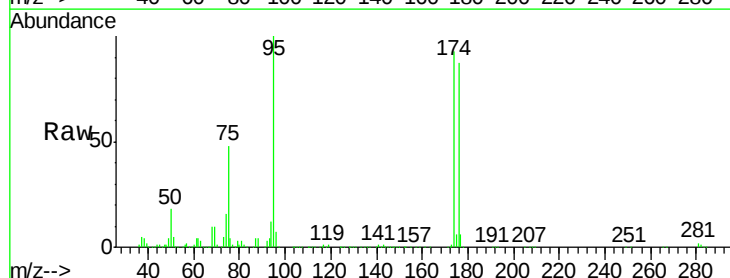
Tgt Ion: 95 Resp: 469589

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

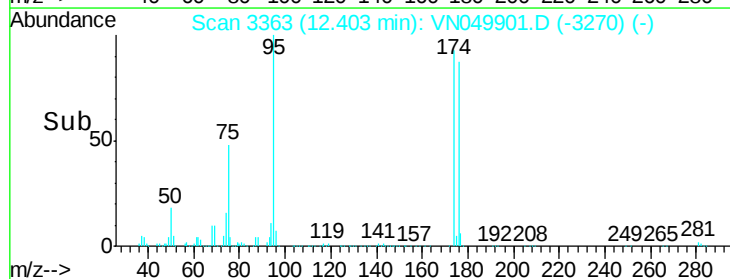
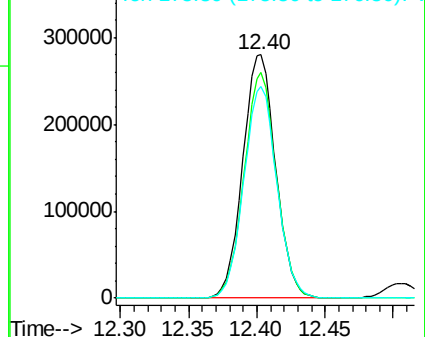
176 87.3 0.0 174.0

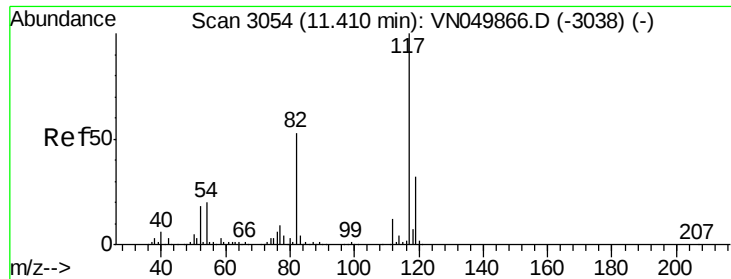


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

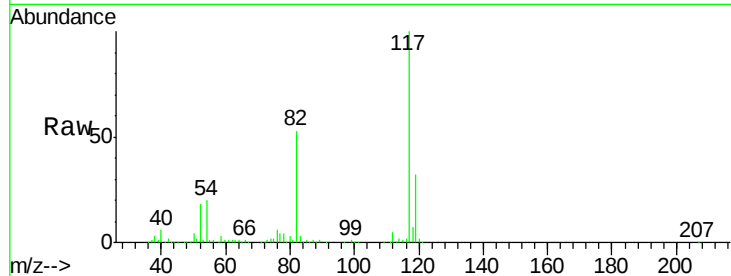




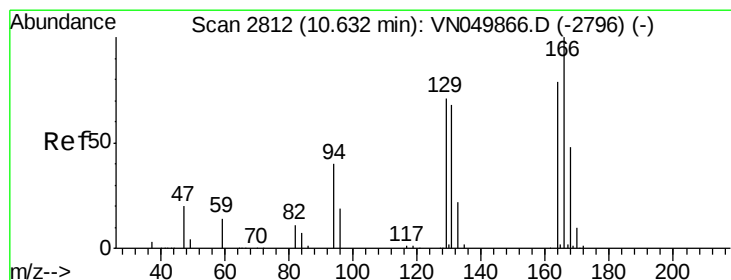
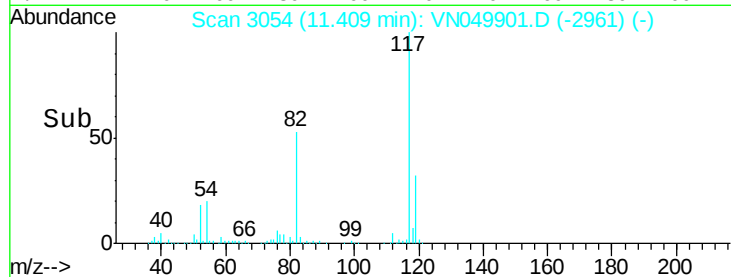
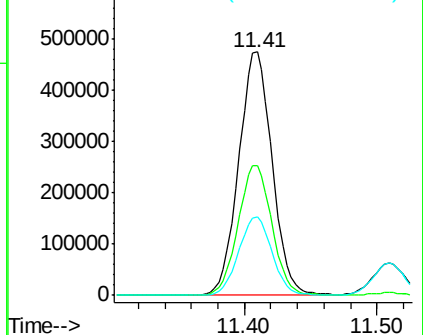
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 830220
Ion Ratio Lower Upper
117 100
82 53.2 41.9 62.9
119 32.1 25.4 38.2

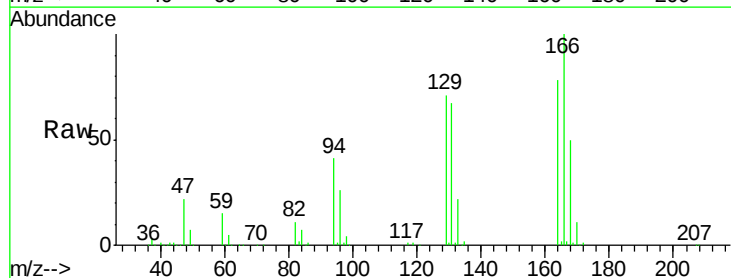


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

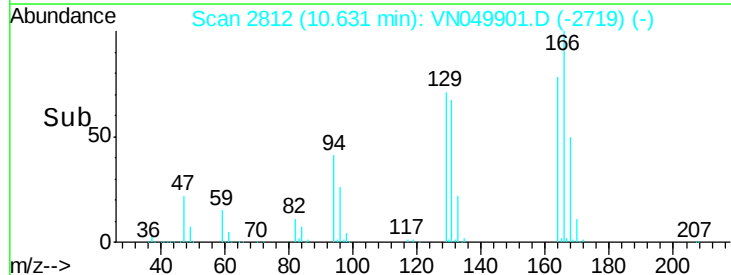
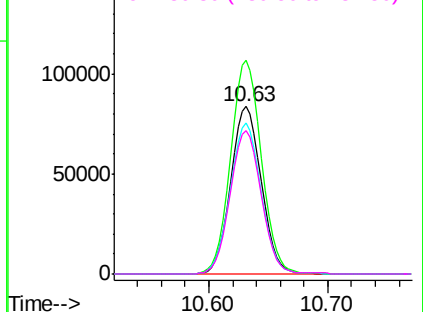


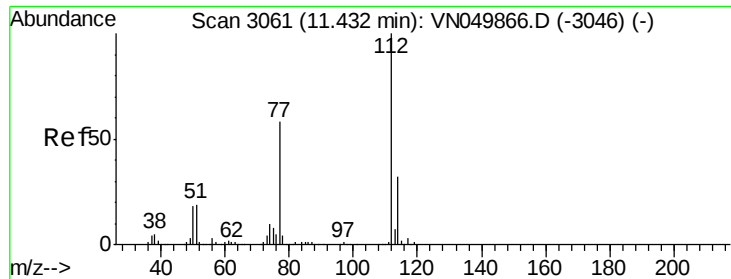
#64
Tetrachloroethene
Concen: 19.99 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion:164 Resp: 149169
Ion Ratio Lower Upper
164 100
166 127.5 101.8 152.6
129 90.4 72.8 109.2
131 85.7 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

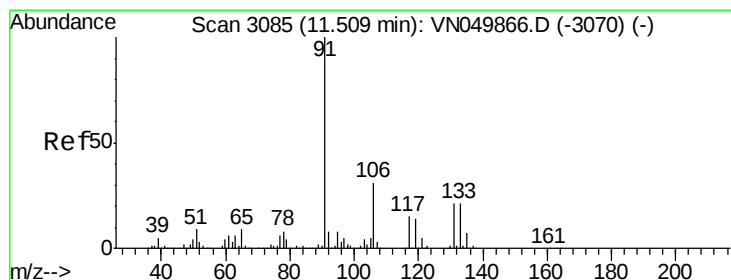
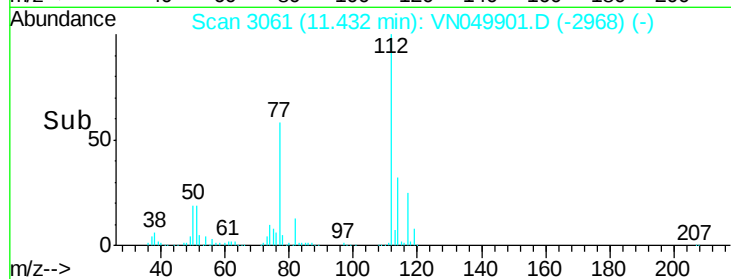
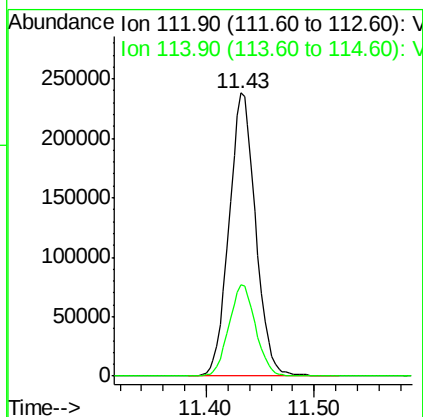
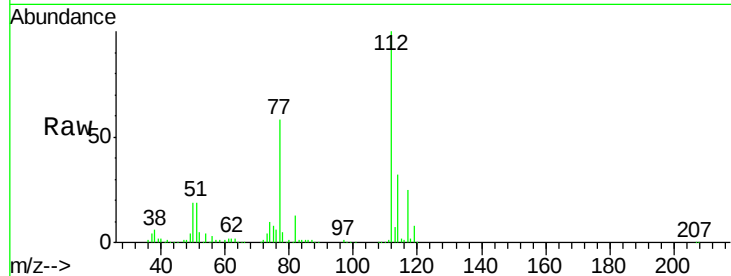




#65
Chlorobenzene
Concen: 19.61 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

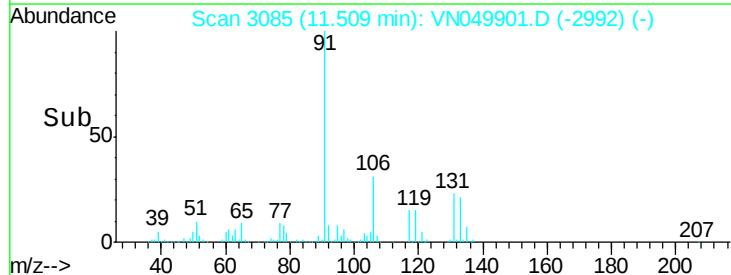
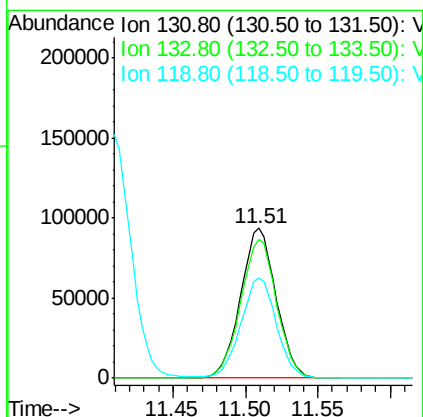
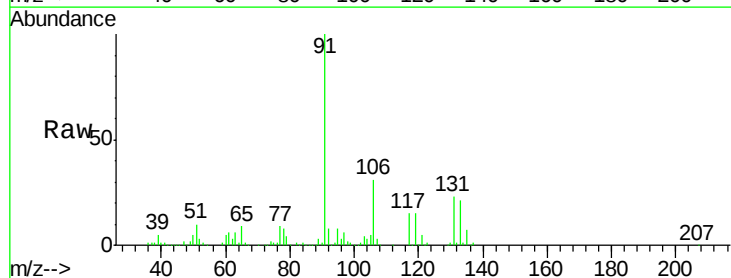
Instrument :
MSVOA_N
ClientSampled :

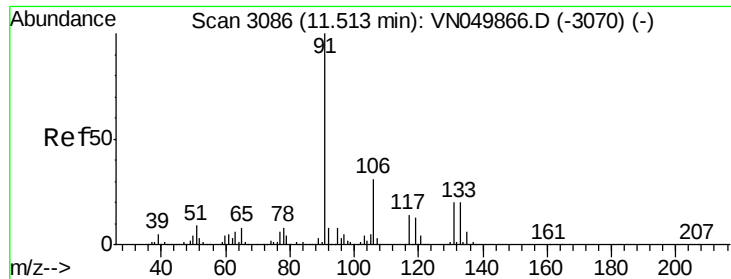
Tot Ion:112 Resp: 409005
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.69 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion:131 Resp: 159061
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

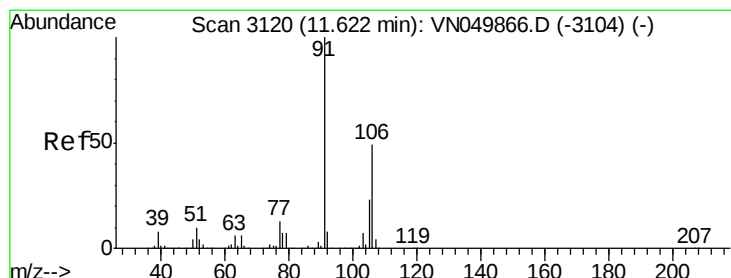
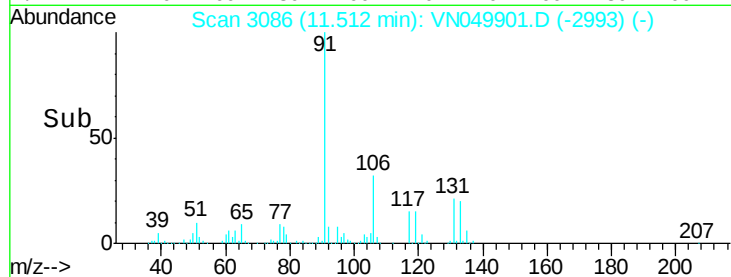
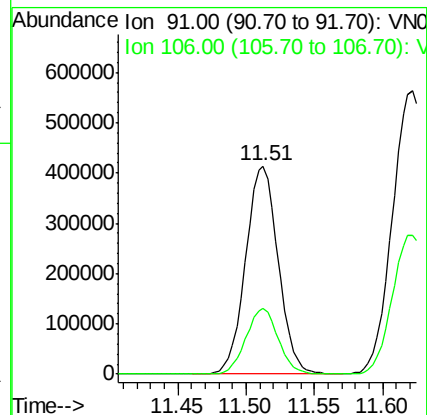
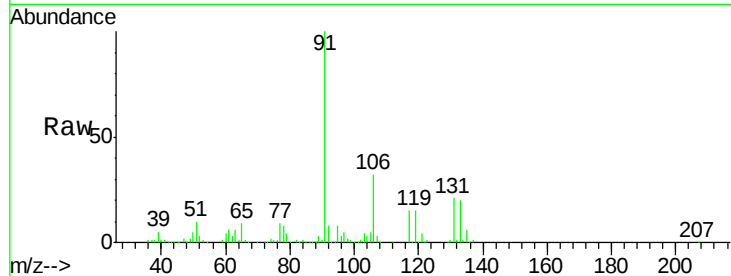
ClientSampled :

Tot Ion: 91 Resp: 685577

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 41.72 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049901.D

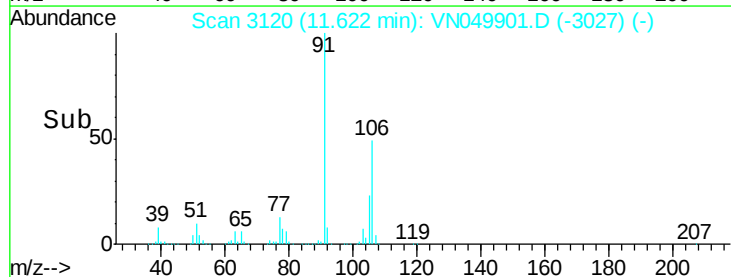
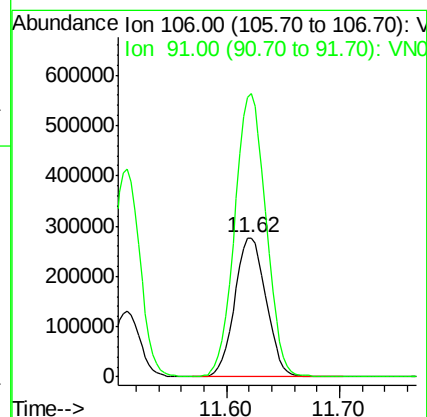
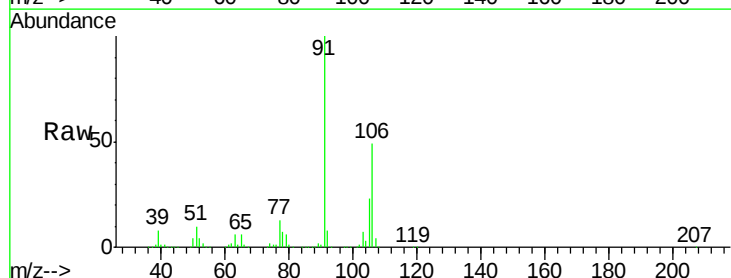
Acq: 19 Jul 2018 4:27

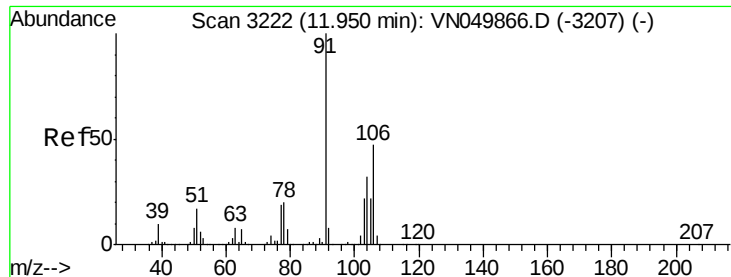
Tgt Ion: 106 Resp: 534400

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2

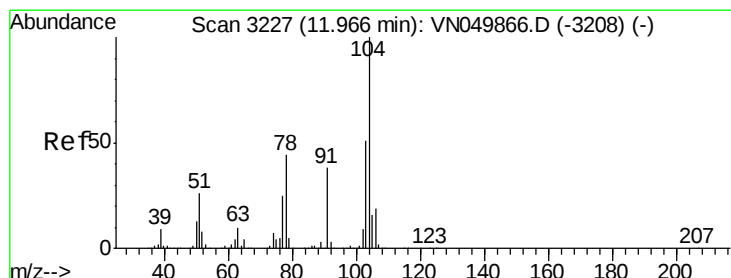
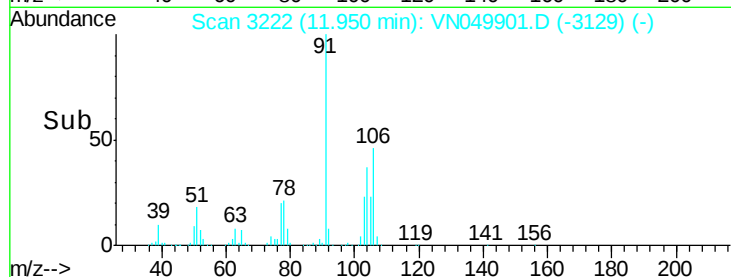
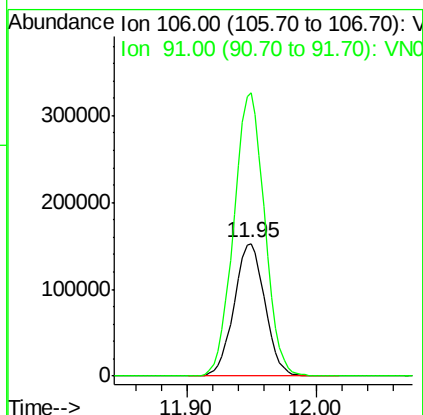
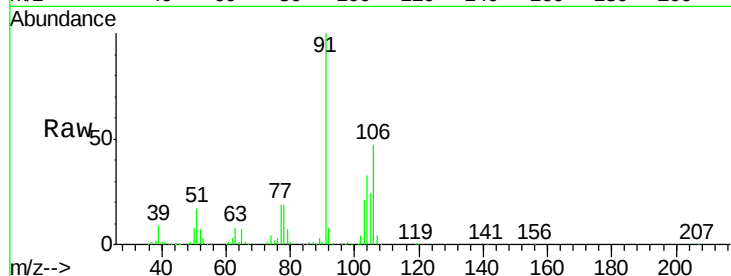




#69
o-Xylene
Concen: 20.56 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

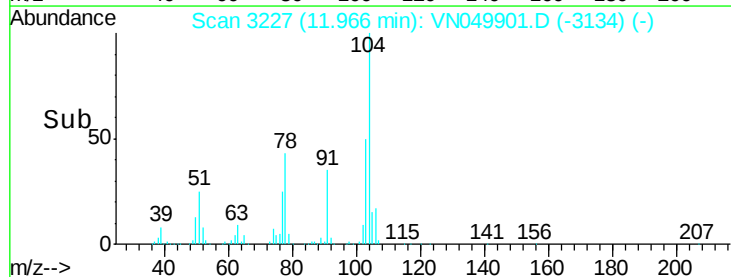
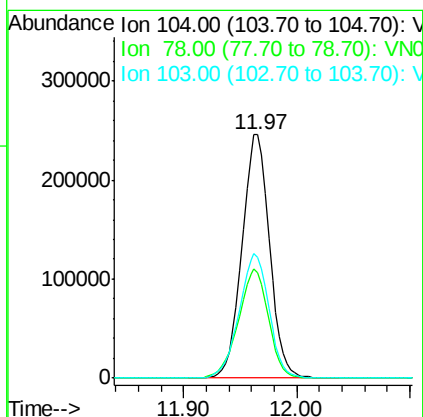
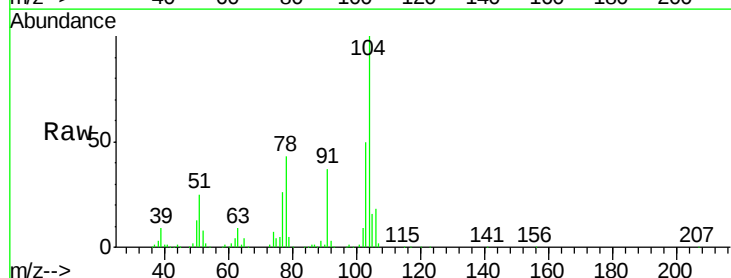
Instrument :
MSVOA_N
ClientSampled :

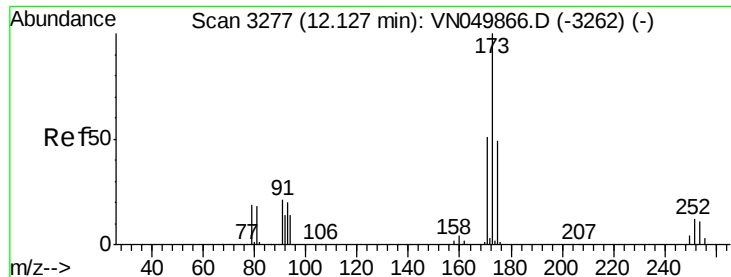
Tot Ion:106 Resp: 252971
Ion Ratio Lower Upper
106 100
91 214.4 108.7 326.1



#70
Styrene
Concen: 21.01 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion:104 Resp: 418712
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 55.2 44.6 67.0





#71

Bromoform

Concen: 19.17 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

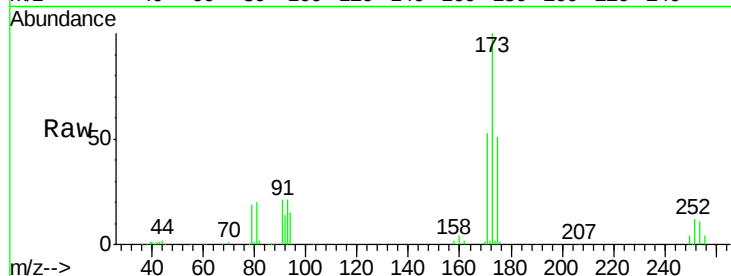
Tot Ion:173 Resp: 110825

Ion Ratio Lower Upper

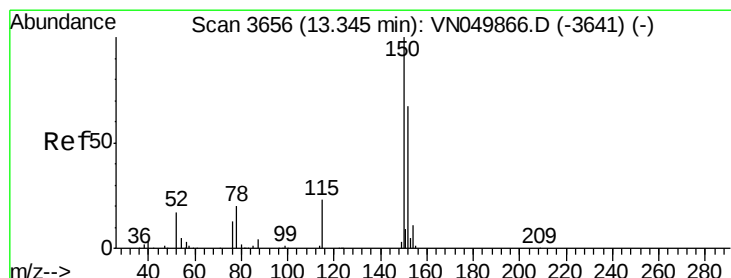
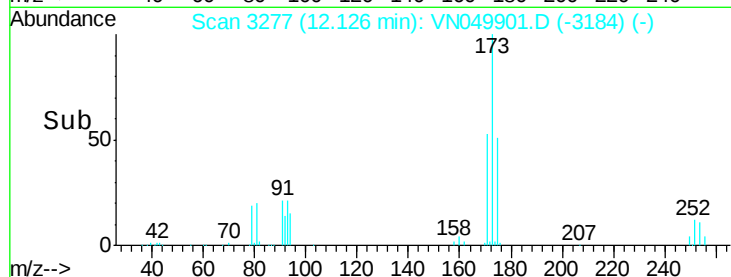
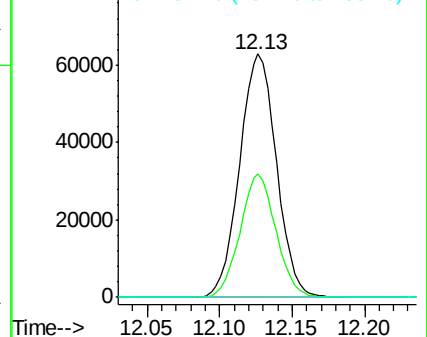
173 100

175 49.2 24.6 73.8

254 0.0 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: VN049901.D

Acq: 19 Jul 2018 4:27

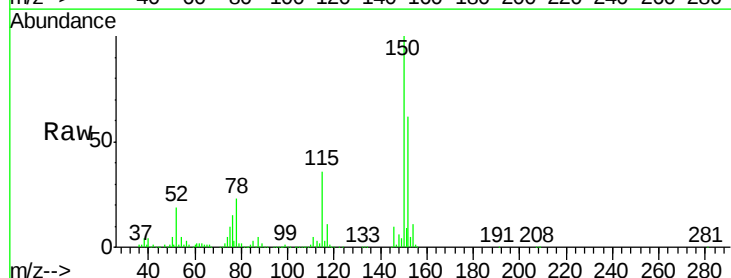
Tgt Ion:152 Resp: 418111

Ion Ratio Lower Upper

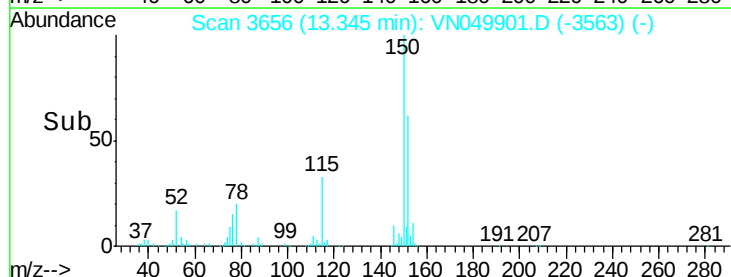
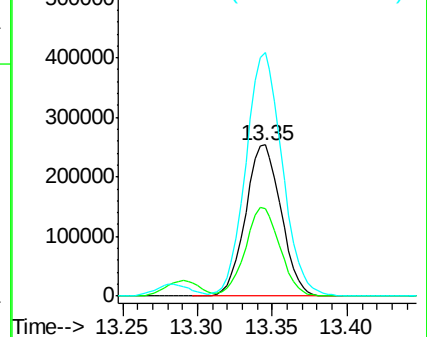
152 100

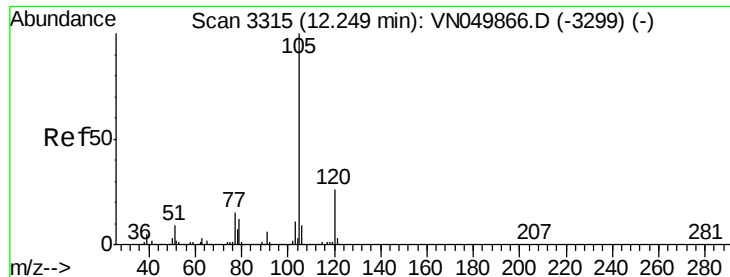
115 57.4 28.1 84.2

150 165.5 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: 21.57 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

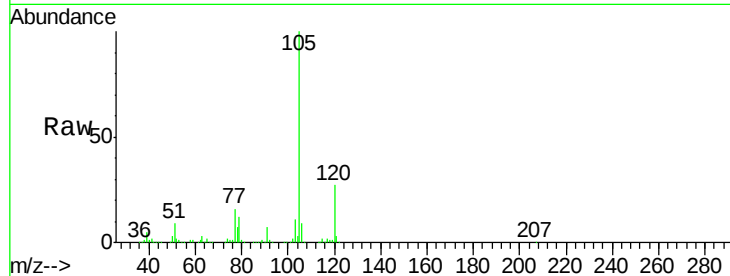
ClientSampleId :

Tot Ion:105 Resp: 684997

Ion Ratio Lower Upper

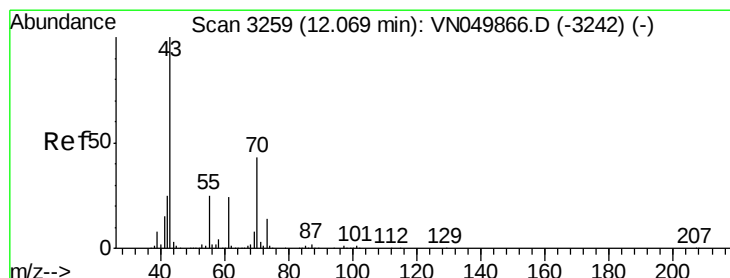
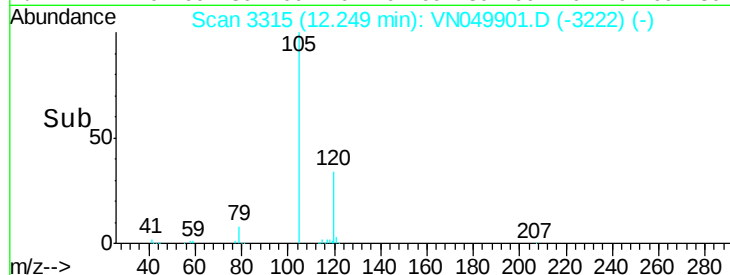
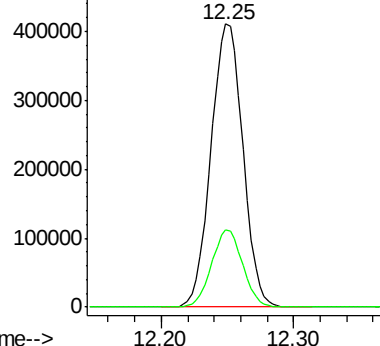
105 100

120 26.5 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: 20.11 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 194408

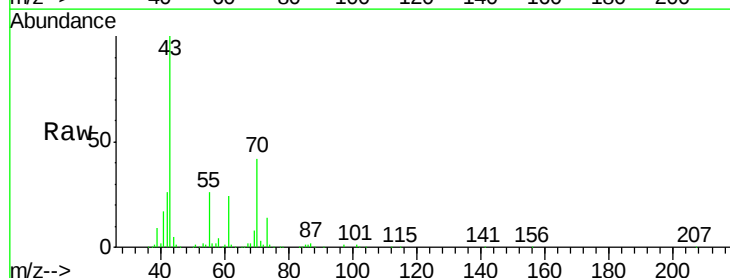
Ion Ratio Lower Upper

43 100

70 42.8 34.8 52.2

55 26.5 20.9 31.3

61 24.0 19.9 29.9

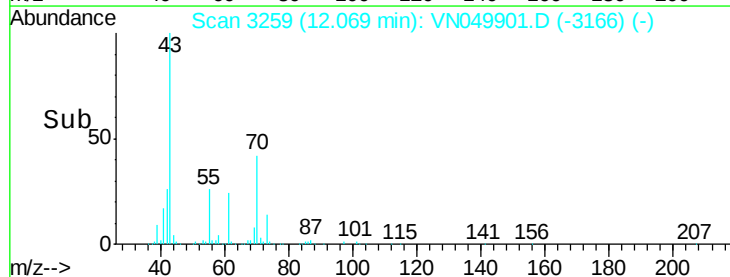
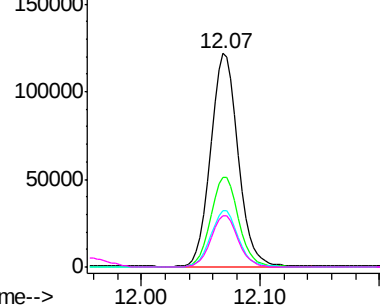


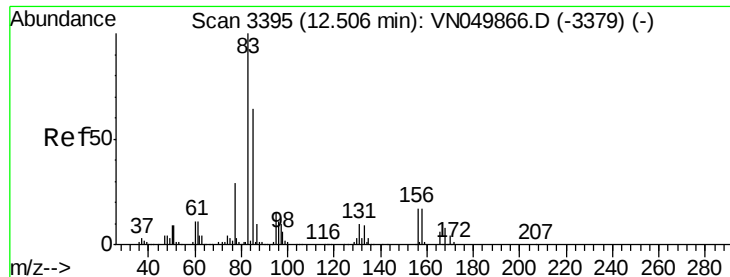
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.37 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampled :

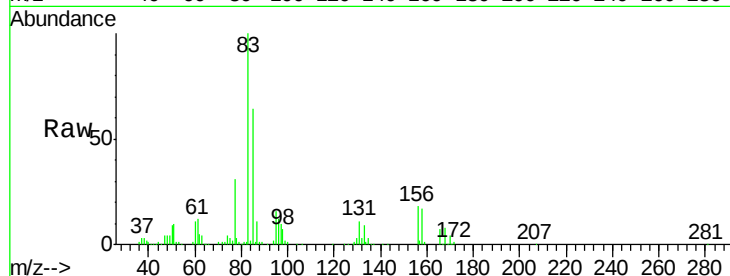
Tot Ion: 83 Resp: 184359

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

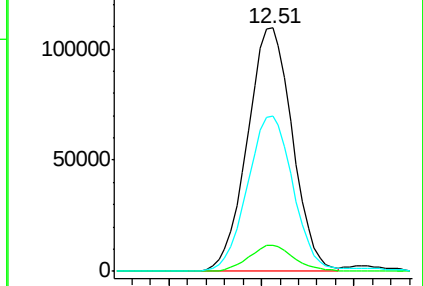
85 64.4 32.5 97.4



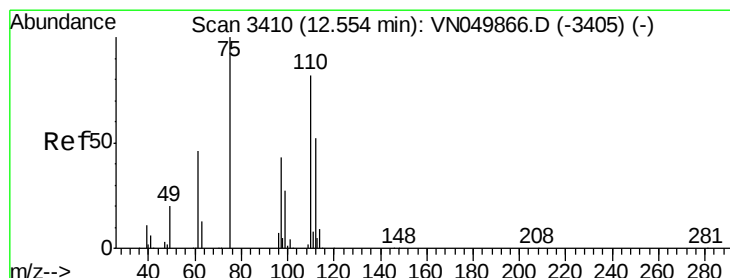
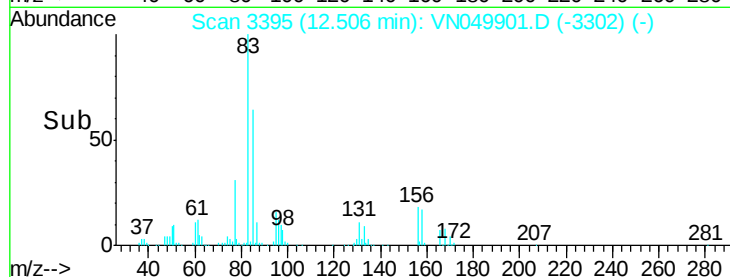
Abundance Ion 82.90 (82.60 to 83.60): VN049901.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049901.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049901.D (-3302) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 27.85 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049901.D

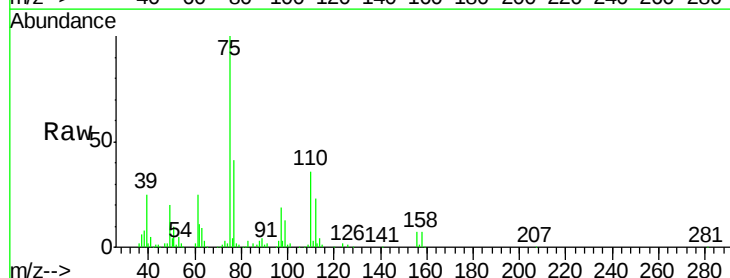
Acq: 19 Jul 2018 4:27

Tgt Ion: 75 Resp: 218428

Ion Ratio Lower Upper

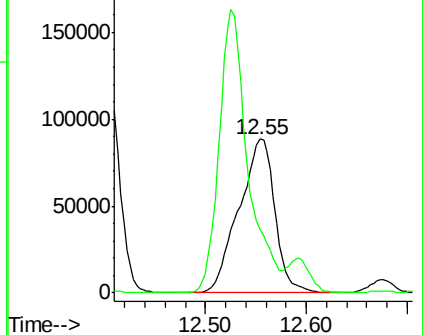
75 100

77 0.0 0.0 0.0

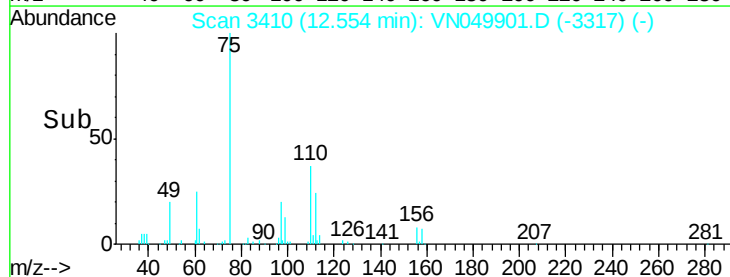


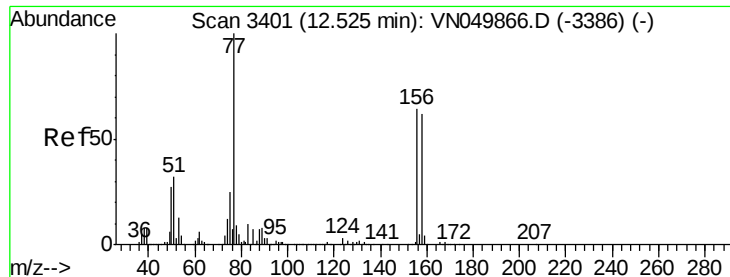
Abundance Ion 74.90 (74.60 to 75.60): VN049901.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049901.D (-3317) (-)



Time-->





#77

Bromobenzene

Concen: 20.51 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

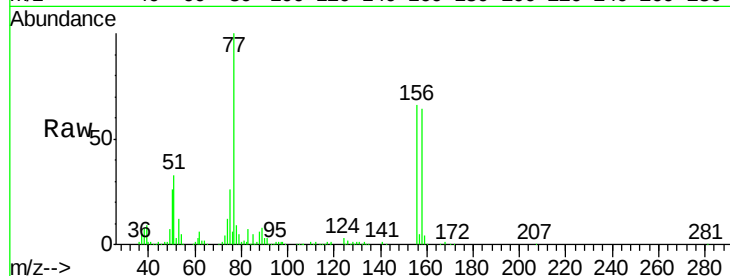
Tot Ion:156 Resp: 179902

Ion Ratio Lower Upper

156 100

77 181.4 90.2 270.6

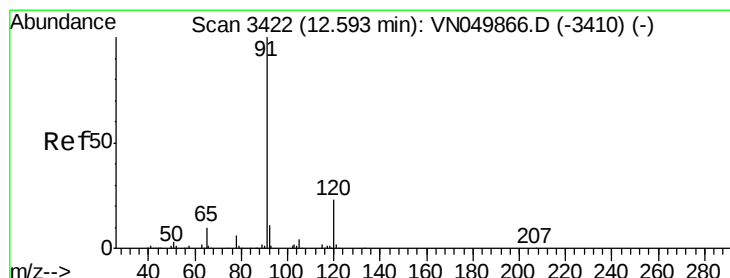
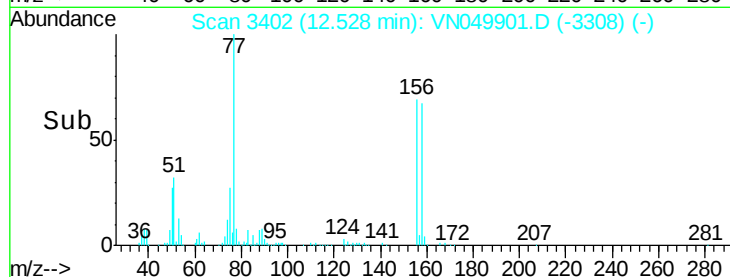
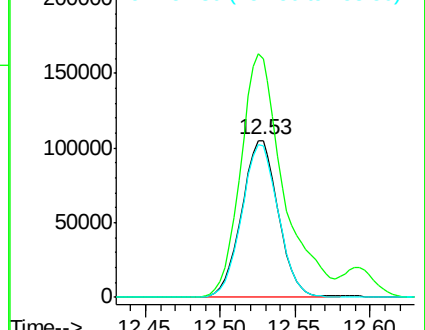
158 97.0 49.1 147.3



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: 21.60 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049901.D

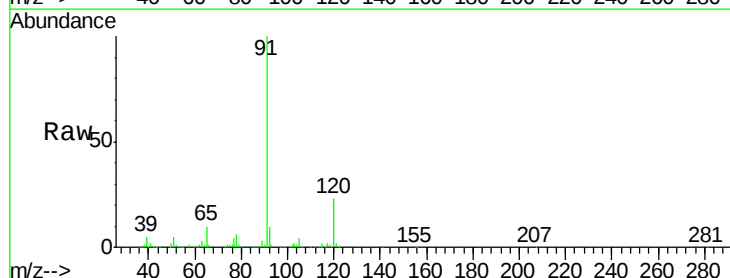
Acq: 19 Jul 2018 4:27

Tgt Ion: 91 Resp: 779937

Ion Ratio Lower Upper

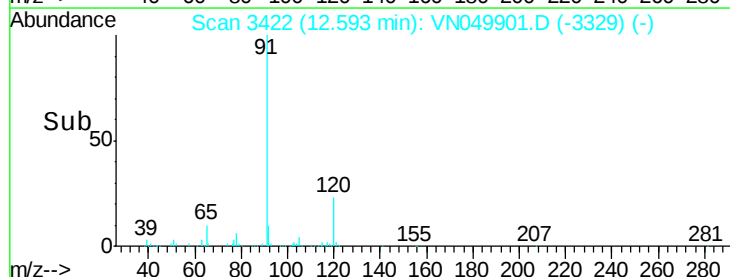
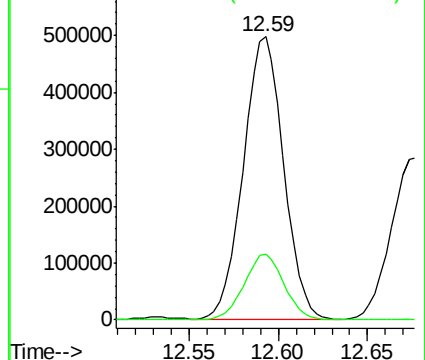
91 100

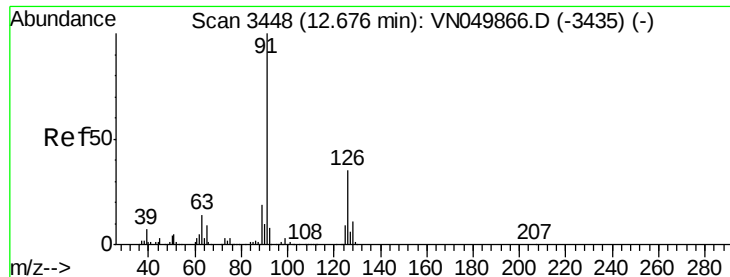
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.36 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

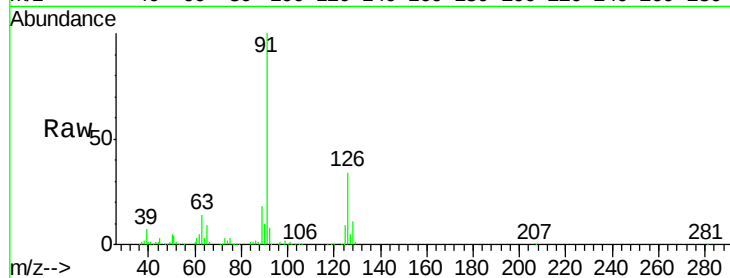
ClientSampleId :

Tot Ion: 91 Resp: 473663

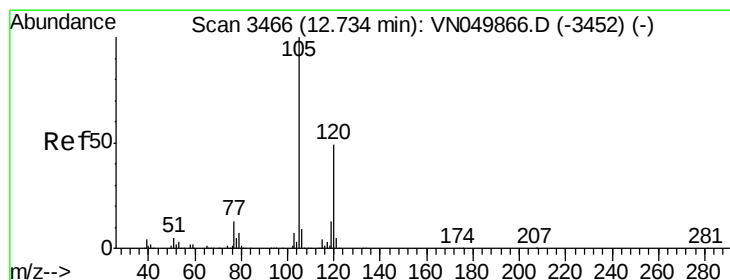
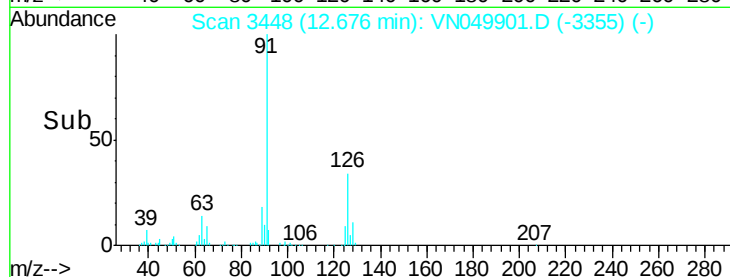
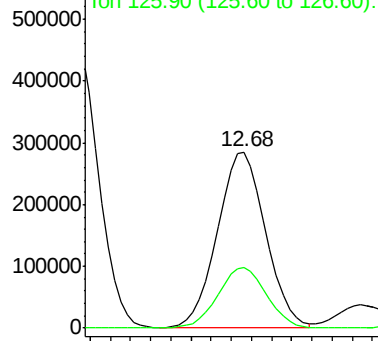
Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



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



#80

1,3,5-Trimethylbenzene

Concen: 22.31 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049901.D

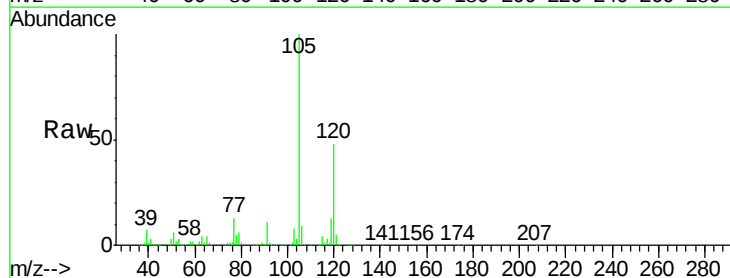
Acq: 19 Jul 2018 4:27

Tgt Ion: 105 Resp: 568012

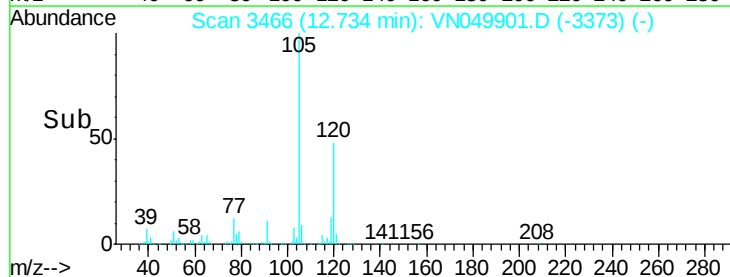
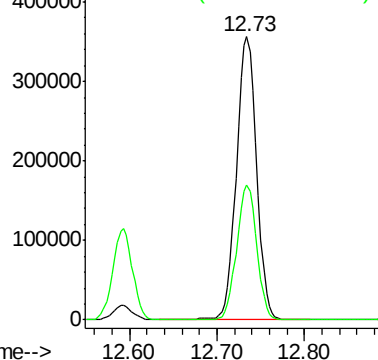
Ion Ratio Lower Upper

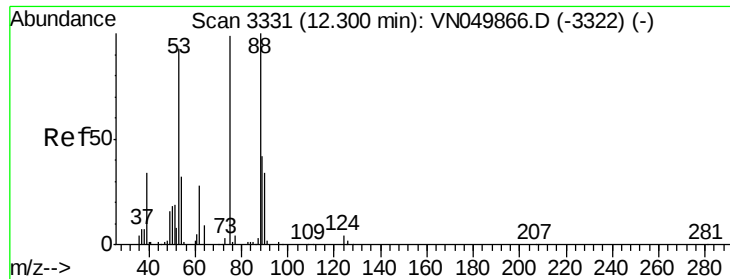
105 100

120 47.7 24.3 72.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.75 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

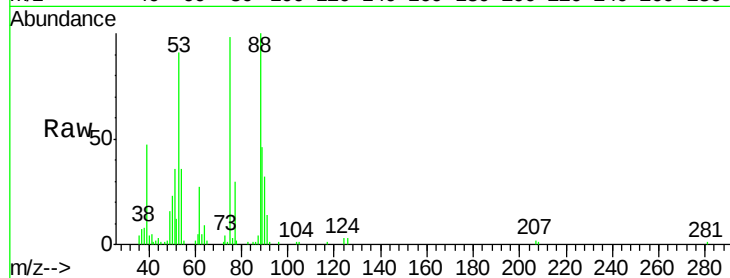
Tot Ion: 75 Resp: 44519

Ion Ratio Lower Upper

75 100

53 95.7 73.9 110.9

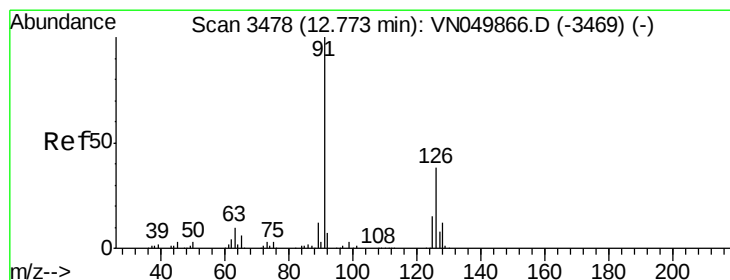
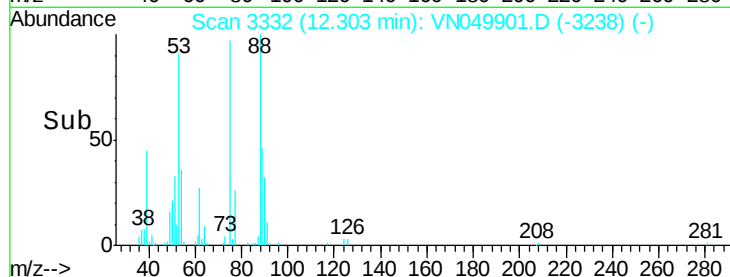
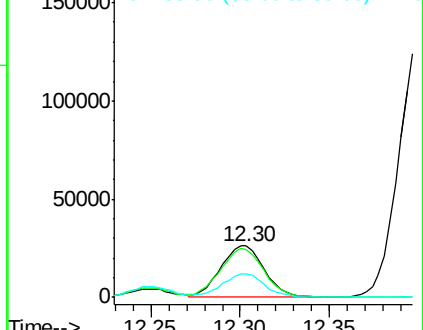
89 44.9 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.31 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049901.D

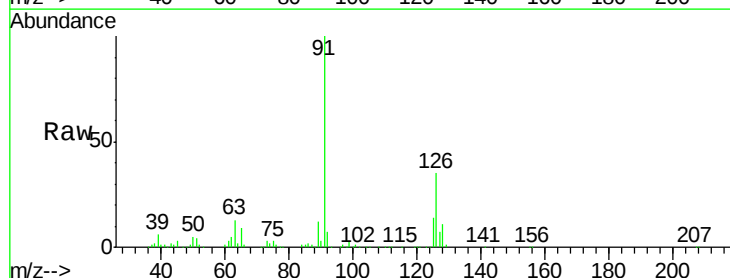
Acq: 19 Jul 2018 4:27

Tgt Ion: 91 Resp: 473976

Ion Ratio Lower Upper

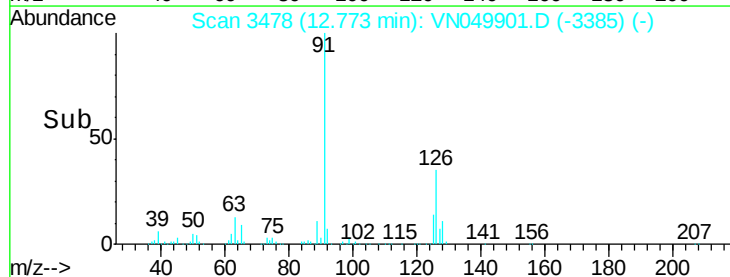
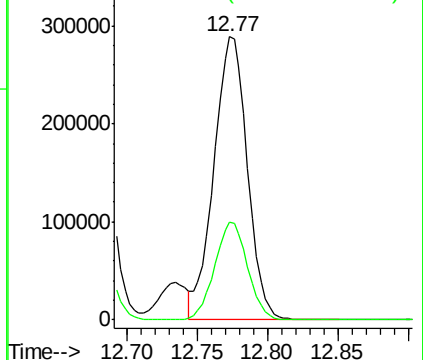
91 100

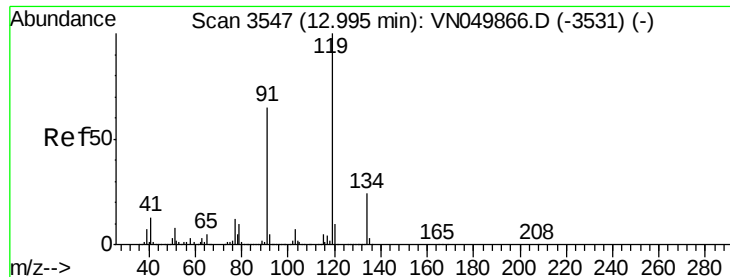
126 34.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

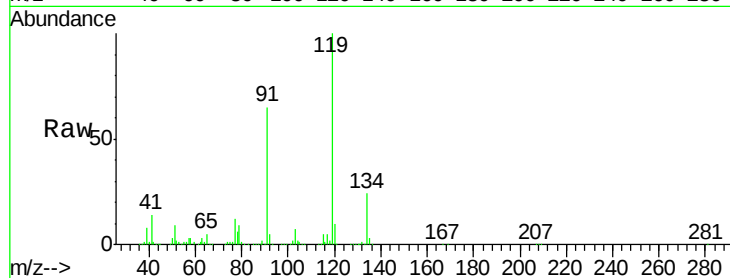




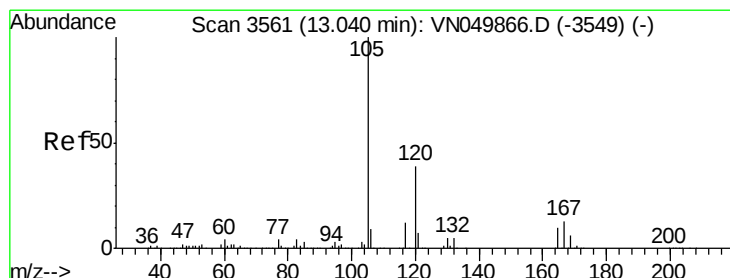
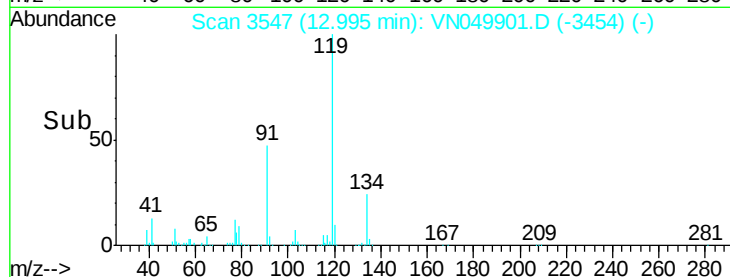
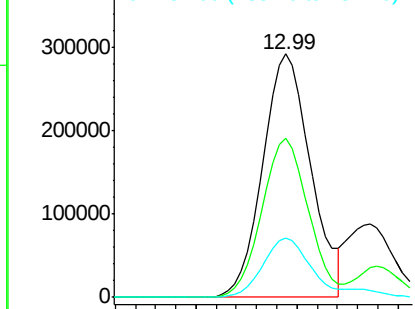
#83
 tert-Butylbenzene
 Concen: 21.67 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 484440
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.0 96.2
 134 24.1 12.8 38.4

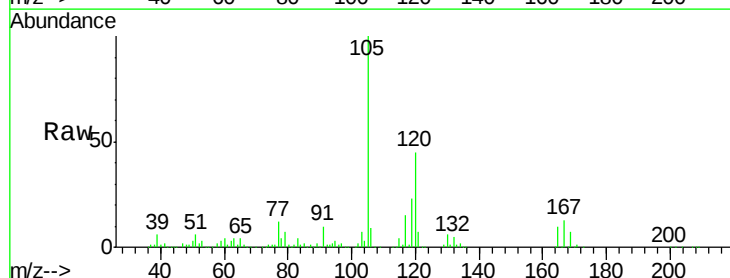


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

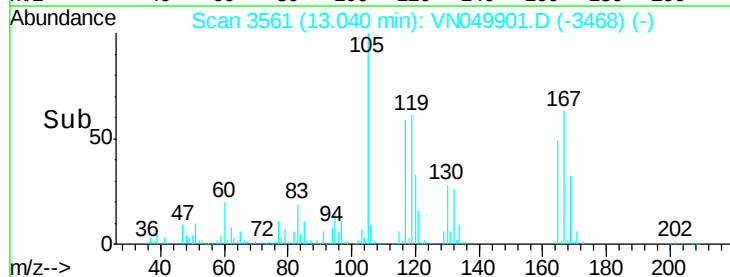
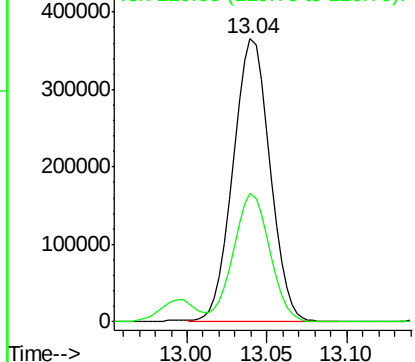


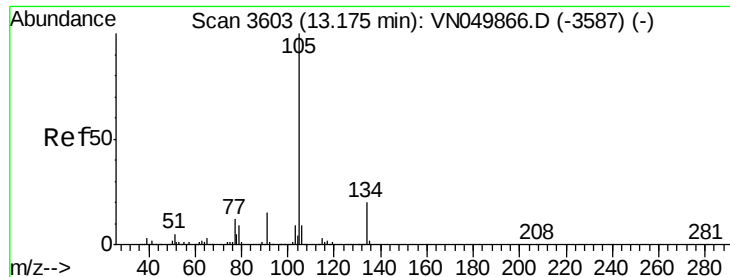
#84
 1,2,4-Trimethylbenzene
 Concen: 22.17 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion:105 Resp: 571815
 Ion Ratio Lower Upper
 105 100
 120 45.1 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: 21.49 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

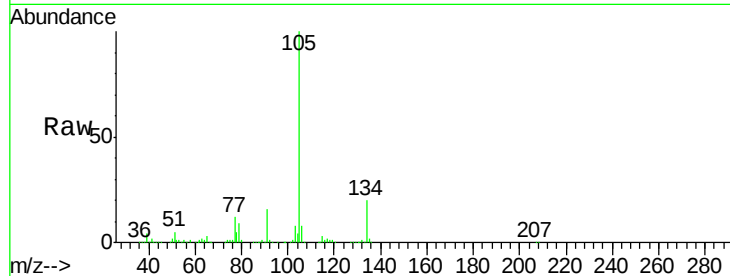
ClientSampleId :

Tot Ion:105 Resp: 634795

Ion Ratio Lower Upper

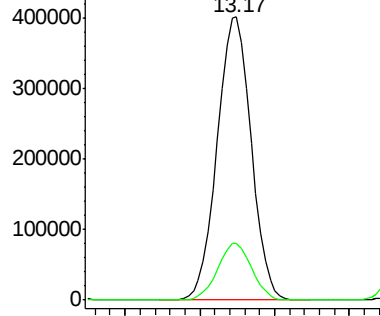
105 100

134 20.2 10.1 30.1

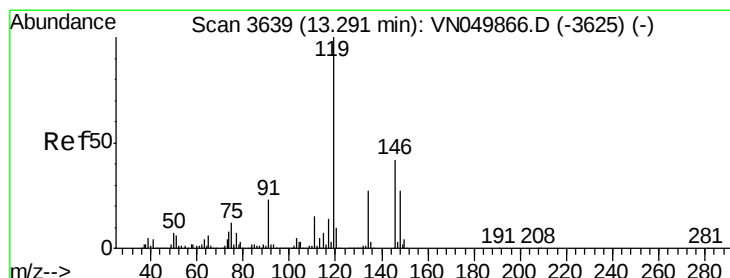
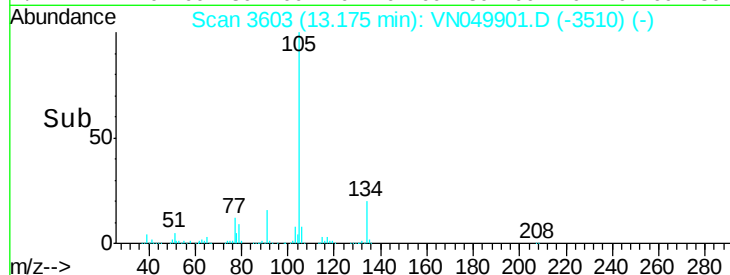


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.31 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

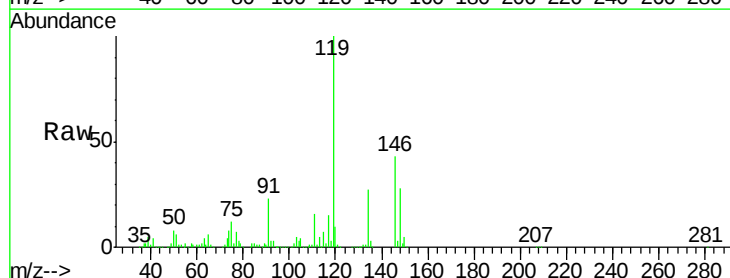
Tgt Ion:119 Resp: 536643

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

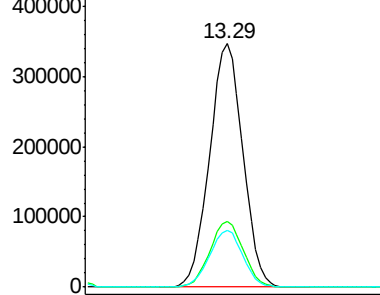
91 23.3 11.4 34.1



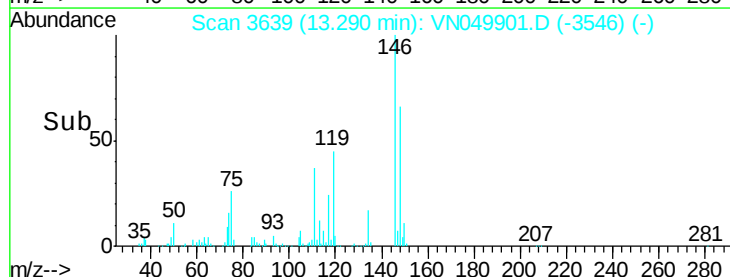
Abundance Ion 119.00 (118.70 to 119.70): V

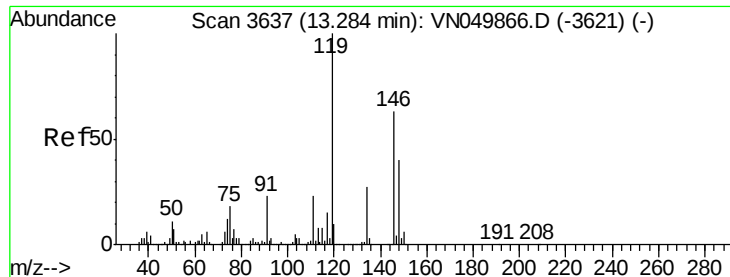
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.98 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampled :

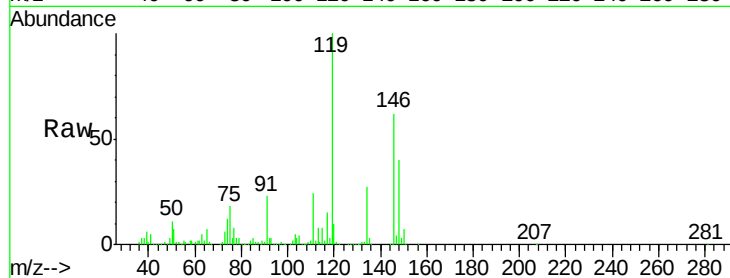
Tot Ion:146 Resp: 305367

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

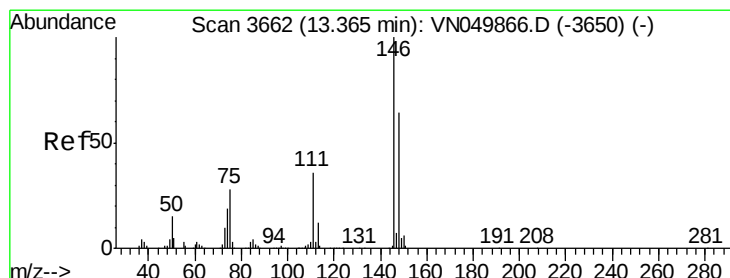
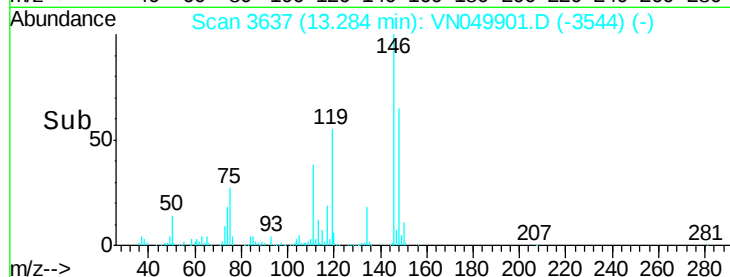
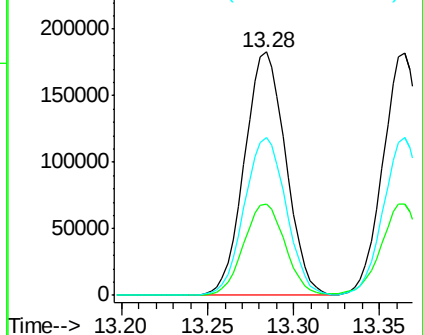
148 65.5 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.58 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

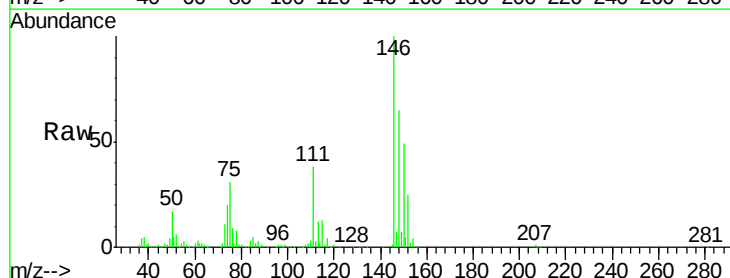
Tgt Ion:146 Resp: 300015

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.5

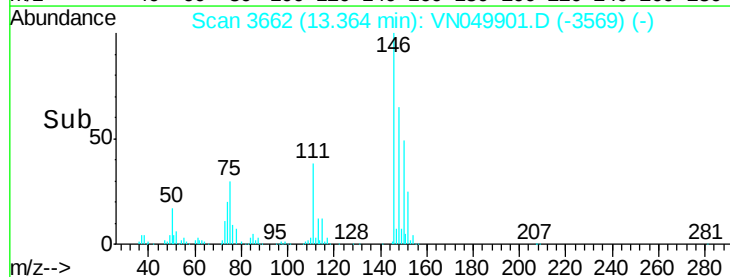
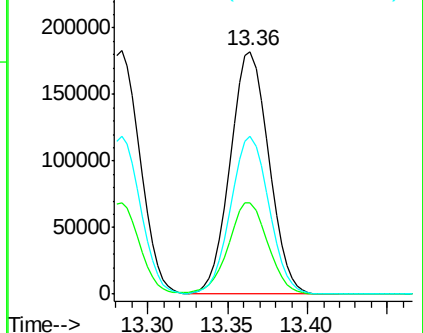
148 64.6 32.1 96.3

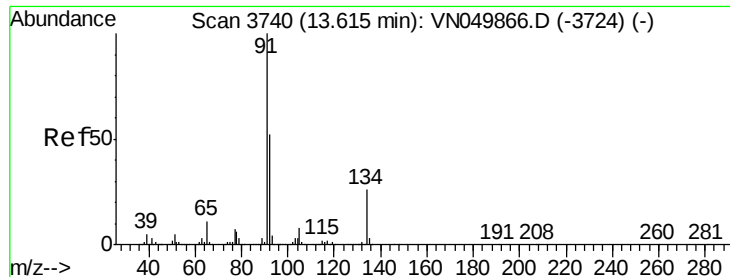


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

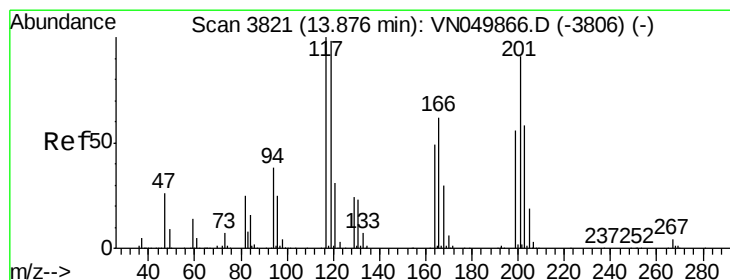
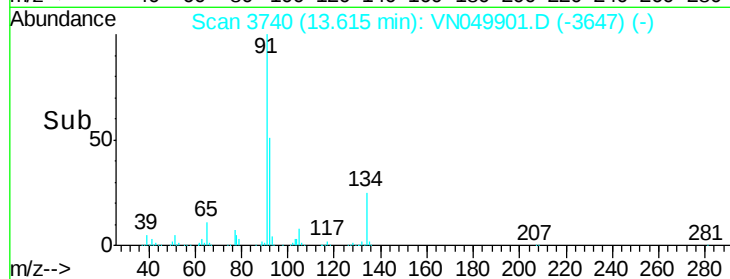
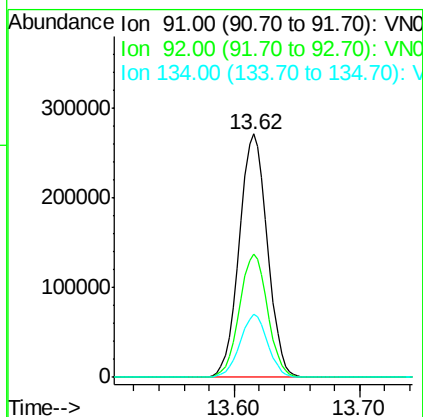
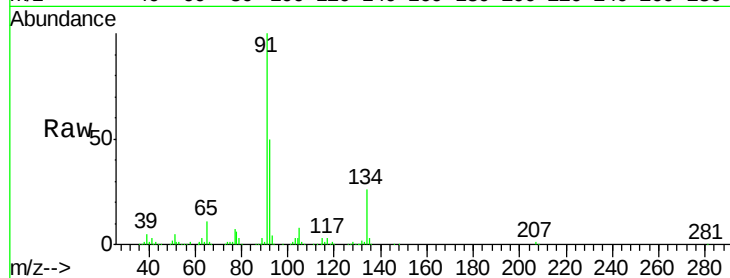




#89
n-Butylbenzene
Concen: 20.23 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

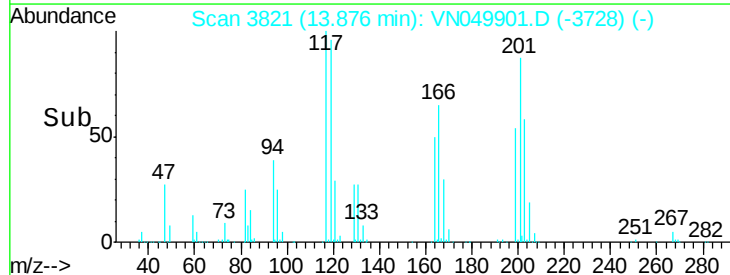
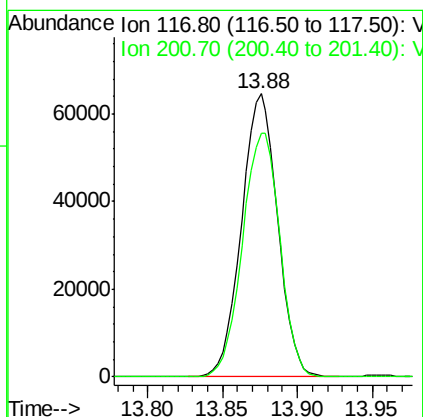
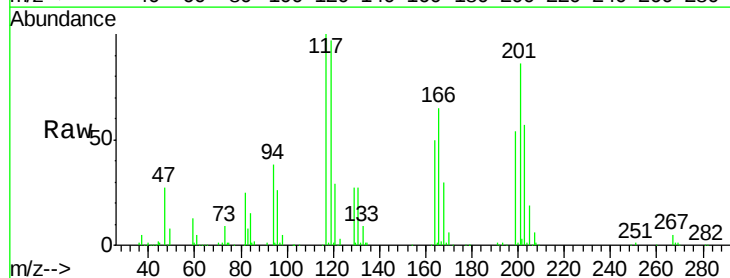
Instrument :
MSVOA_N
ClientSampleId :

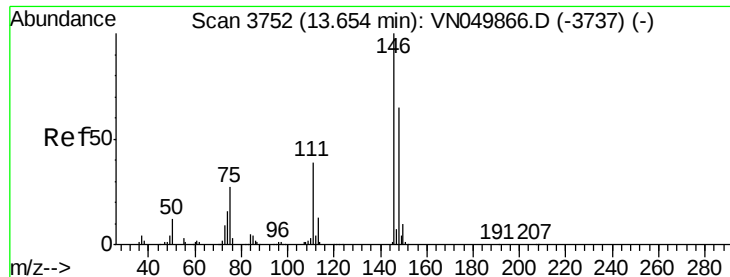
Tot Ion: 91 Resp: 420687
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 19.20 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 117 Resp: 108551
Ion Ratio Lower Upper
117 100
201 89.0 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 20.25 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

Instrument :

MSVOA_N

ClientSampleId :

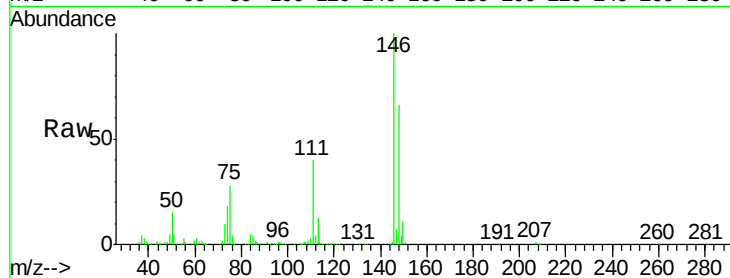
Tot Ion:146 Resp: 304287

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

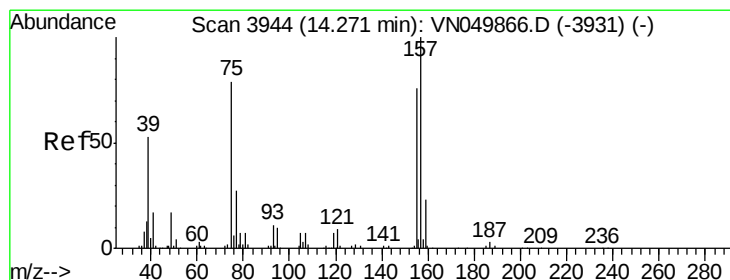
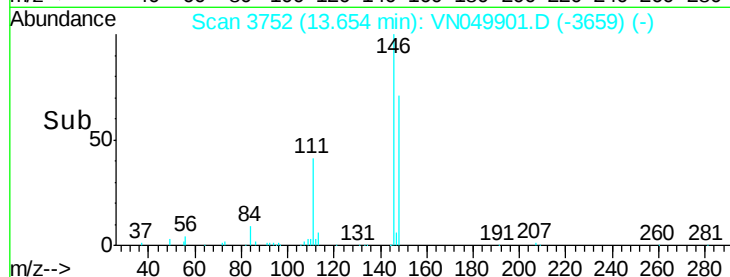
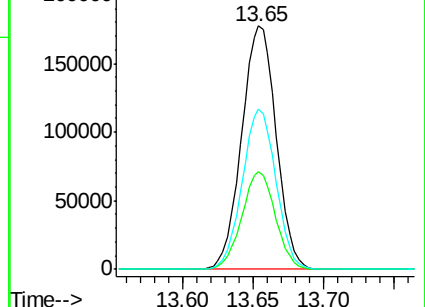
148 64.1 32.0 96.2



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: 19.30 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN049901.D

Acq: 19 Jul 2018 4:27

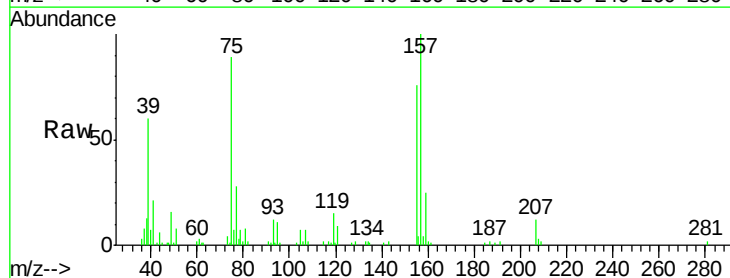
Tgt Ion: 75 Resp: 28373

Ion Ratio Lower Upper

75 100

155 87.1 45.7 137.1

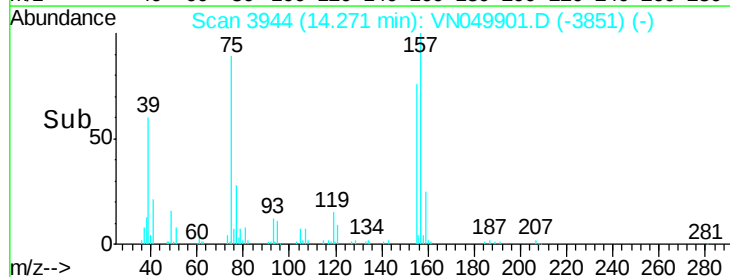
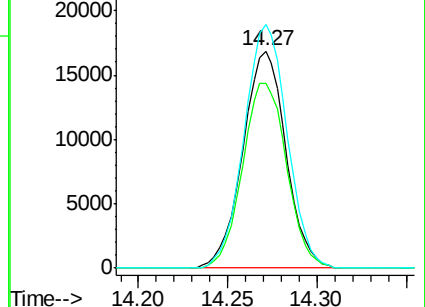
157 112.1 56.9 170.7

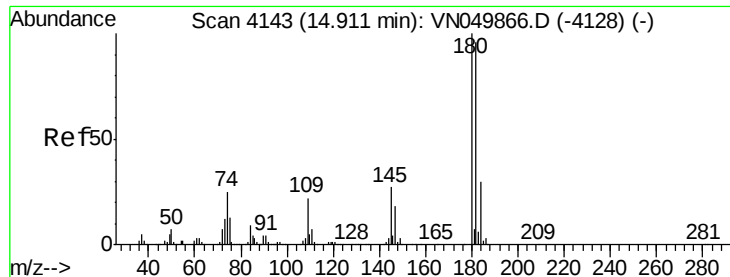


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

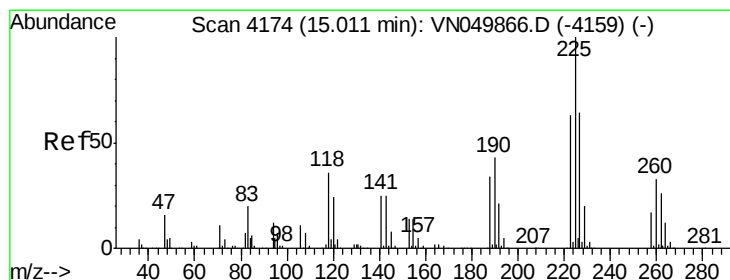
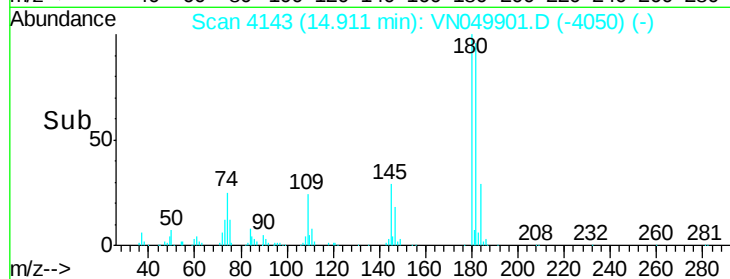
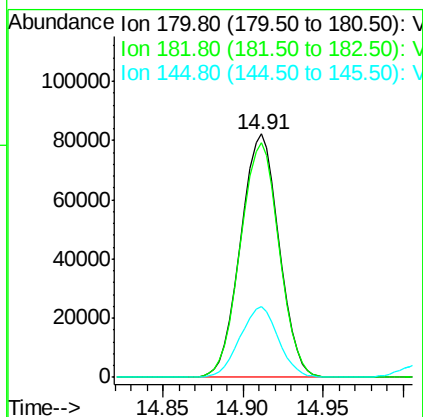
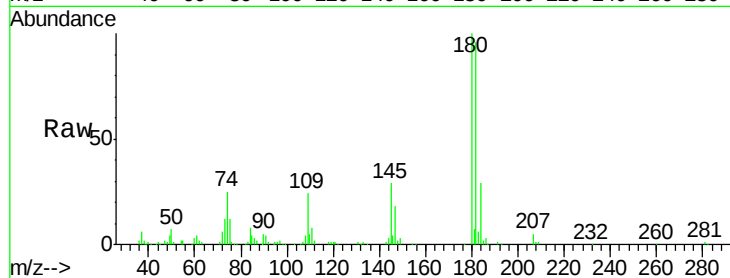




#93
 1,2,4-Trichlorobenzene
 Concen: 18.55 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

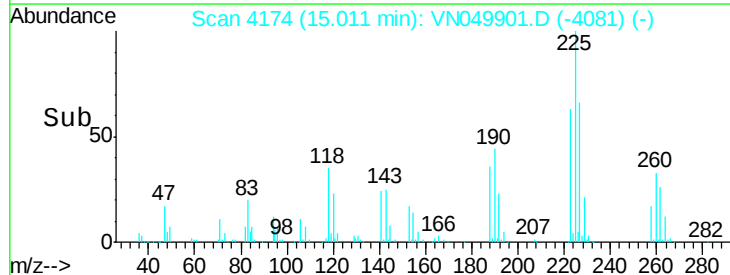
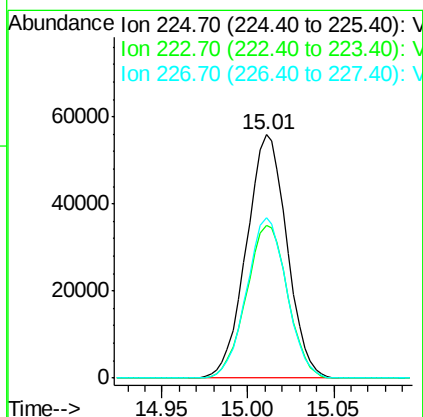
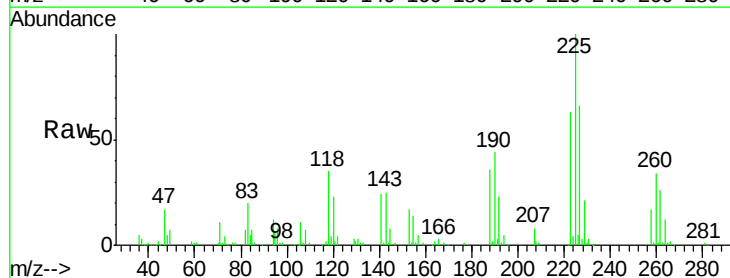
Instrument :
 MSVOA_N
 ClientSampled :

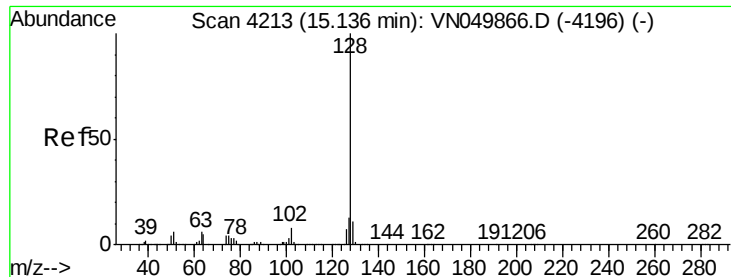
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.3	141.9
145	29.0	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 18.51 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049901.D
 Acq: 19 Jul 2018 4:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.9	92.7
227	65.1	31.8	95.4

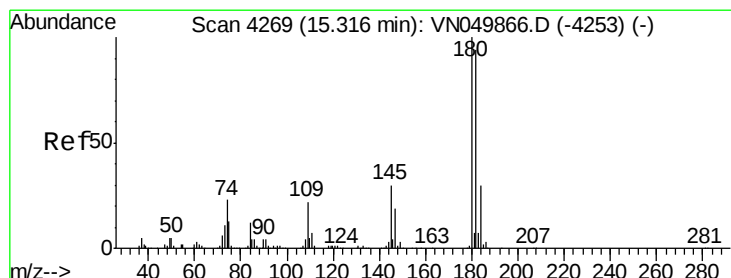
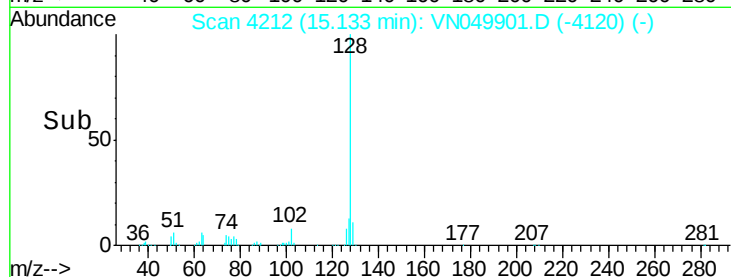
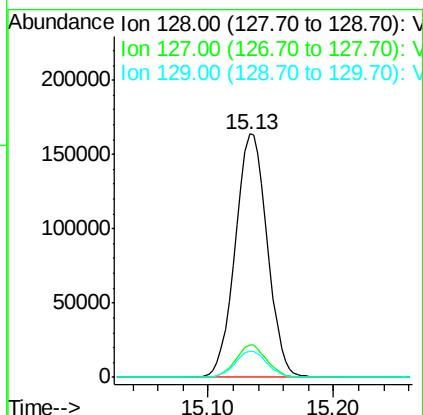
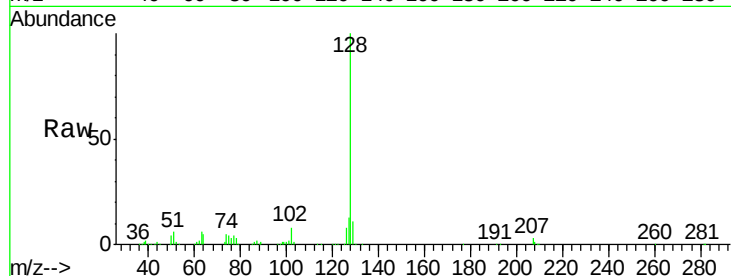




#95
Naphthalene
Concen: 17.83 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 290143
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.23 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049901.D
Acq: 19 Jul 2018 4:27

Tgt Ion:180 Resp: 138596
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 30.0 15.2 45.6

