

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049872.D
 Acq On : 18 Jul 2018 15:01
 Operator : MD\SY
 Sample : VN0718WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 01:18:33 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	641491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447878	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	398681	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1470522	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	497792	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119234	19.51	ug/l	98
3) Chloromethane	2.06	50	160002	18.27	ug/l	97
4) Vinyl Chloride	2.18	62	175430	18.78	ug/l	100
5) Bromomethane	2.56	94	116242	21.16	ug/l	97
6) Chloroethane	2.70	64	111274	18.24	ug/l	99
7) Trichlorofluoromethane	3.01	101	237350	18.49	ug/l	98
8) Diethyl Ether	3.41	74	88456	19.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147108	18.58	ug/l	99
10) Methyl Iodide	3.95	142	181812	17.12	ug/l	99
11) Tert butyl alcohol	4.80	59	63814	101.59	ug/l	99
12) 1,1-Dichloroethene	3.73	96	130477	18.76	ug/l	100
13) Acrolein	3.61	56	42703	105.50	ug/l	98
14) Allyl chloride	4.32	41	214290	19.55	ug/l	99
15) Acrylonitrile	5.00	53	279900	101.32	ug/l	99
16) Acetone	3.82	43	232745	101.96	ug/l	99
17) Carbon Disulfide	4.05	76	372737	17.91	ug/l	99
18) Methyl Acetate	4.33	43	153807	20.96	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	388913	20.32	ug/l	98
20) Methylene Chloride	4.55	84	157805	18.18	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	141115	19.11	ug/l	98
22) Diisopropyl ether	5.96	45	465822	20.82	ug/l	98
23) Vinyl Acetate	5.90	43	1607417	102.40	ug/l	100
24) 1,1-Dichloroethane	5.85	63	277742	19.34	ug/l	100
25) 2-Butanone	6.84	43	342595	105.01	ug/l	98
26) 2,2-Dichloropropane	6.82	77	230848	20.66	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	162743	20.08	ug/l	99
28) Bromochloromethane	7.19	49	131788	20.32	ug/l	98
29) Tetrahydrofuran	7.22	42	220624	107.35	ug/l	99
30) Chloroform	7.37	83	283619	19.24	ug/l	99
31) Cyclohexane	7.65	56	228496	19.55	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244503	19.19	ug/l	100
36) 1,1-Dichloropropene	7.79	75	204946	19.46	ug/l	99
37) Ethyl Acetate	6.93	43	147784	20.44	ug/l	100
38) Carbon Tetrachloride	7.77	117	210116	18.63	ug/l	99

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 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	208675	19.18	ug/l	99
40) Benzene	8.04	78	632213	19.70	ug/l	99
41) Methacrylonitrile	7.18	41	68508	18.90	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	209640	19.72	ug/l	100
43) Isopropyl Acetate	8.17	43	265516	21.02	ug/l	98
44) Trichloroethene	8.84	130	163341	19.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	165865	19.16	ug/l	100
46) Dibromomethane	9.21	93	103947	19.36	ug/l	99
47) Bromodichloromethane	9.40	83	217541	19.59	ug/l	99
48) Methyl methacrylate	9.20	41	128542	20.28	ug/l	98
49) 1,4-Dioxane	9.20	88	38992	433.73	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	749612	106.15	ug/l	99
52) Toluene	10.16	92	388629	20.30	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	217631	19.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	248491	20.48	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152460	19.28	ug/l	99
56) Ethyl methacrylate	10.43	69	187716	19.07	ug/l	99
57) 1,3-Dichloropropane	10.71	76	248540	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	464596	110.27	ug/l	100
59) 2-Hexanone	10.75	43	513976	108.35	ug/l	99
60) Dibromochloromethane	10.90	129	166622	19.21	ug/l	97
61) 1,2-Dibromoethane	11.01	107	150721	20.39	ug/l	98
64) Tetrachloroethene	10.63	164	148002	18.97	ug/l	99
65) Chlorobenzene	11.43	112	422764	19.38	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	162737	19.26	ug/l	99
67) Ethyl Benzene	11.51	91	706040	19.95	ug/l	100
68) m/p-Xylenes	11.62	106	550511	41.09	ug/l	99
69) o-Xylene	11.95	106	263167	20.45	ug/l	97
70) Styrene	11.96	104	433744	20.81	ug/l	100
71) Bromoform	12.13	173	120650	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	701175	20.69	ug/l	100
74) N-amyl acetate	12.07	43	216690	21.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	201692	19.87	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	240133	28.70	ug/l #	100
77) Bromobenzene	12.53	156	186176	19.90	ug/l	98
78) n-propylbenzene	12.59	91	802924	20.84	ug/l	100
79) 2-Chlorotoluene	12.68	91	488607	20.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	581447	21.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52861	19.75	ug/l	95
82) 4-Chlorotoluene	12.77	91	497292	20.96	ug/l	98
83) tert-Butylbenzene	12.99	119	500698	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	587275	21.35	ug/l	100
85) sec-Butylbenzene	13.17	105	665459	21.11	ug/l	99
86) p-Isopropyltoluene	13.29	119	569876	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315660	19.36	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	312697	19.13	ug/l	99
89) n-Butylbenzene	13.62	91	448752	20.23	ug/l	100
90) Hexachloroethane	13.88	117	110786	18.37	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	318949	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30994	19.76	ug/l	98

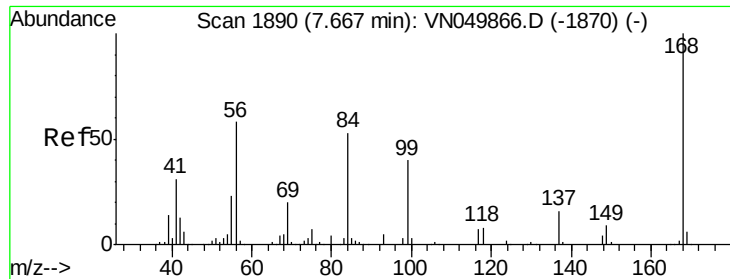
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145338	18.78	ug/l	99
94) Hexachlorobutadiene	15.01	225	100165	19.07	ug/l	99
95) Naphthalene	15.14	128	314826	18.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	148882	19.36	ug/l	98

(#) = 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: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

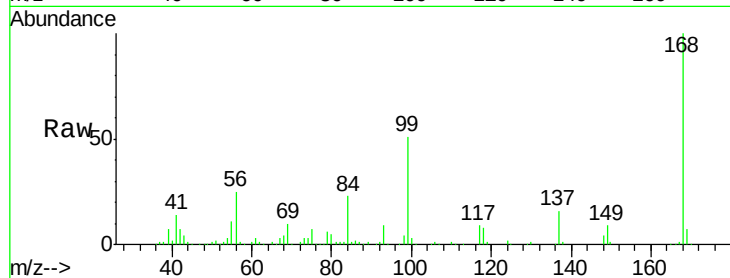
ClientSampleId :

Tot Ion:168 Resp: 641491

Ion Ratio Lower Upper

168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

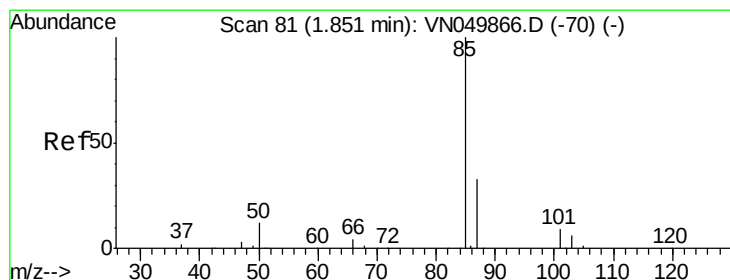
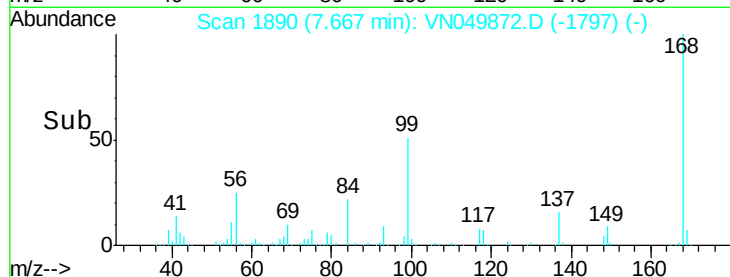
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.51 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049872.D

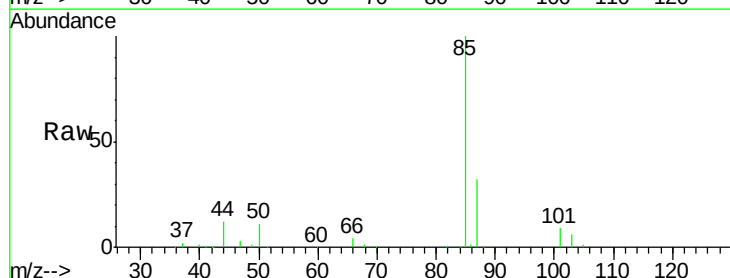
Acq: 18 Jul 2018 15:01

Tgt Ion: 85 Resp: 119234

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

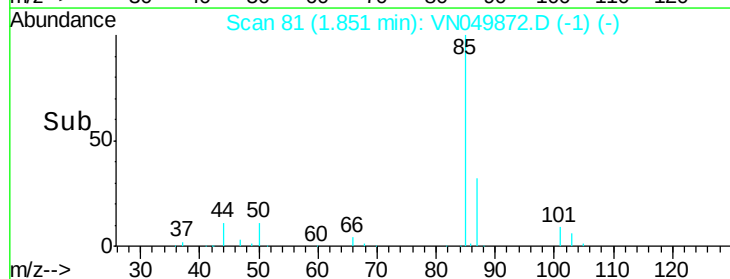
60000

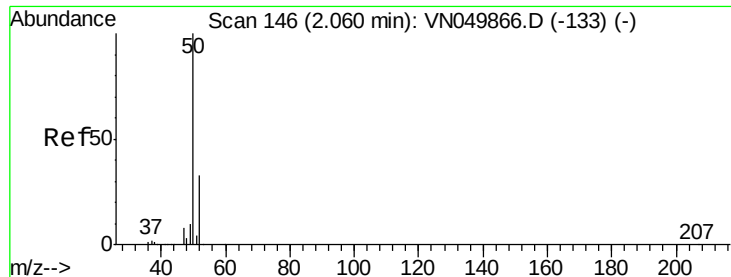
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.27 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

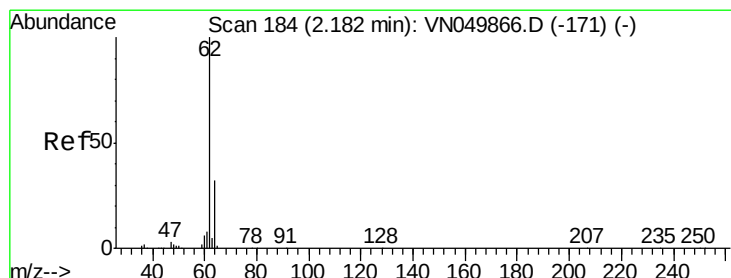
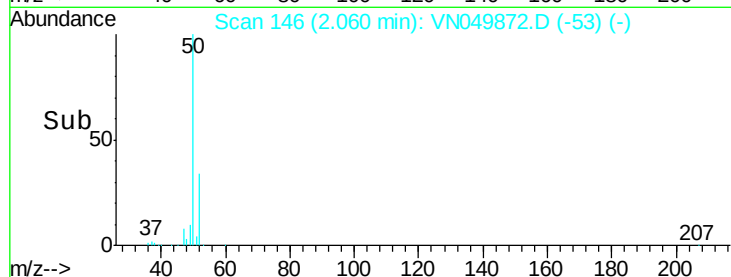
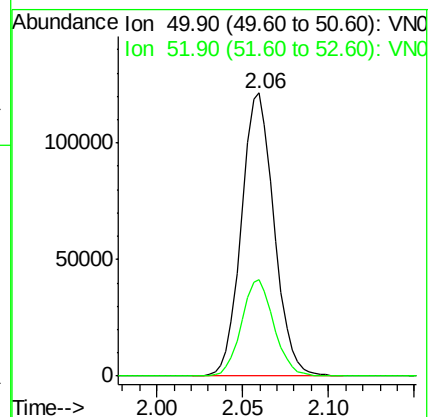
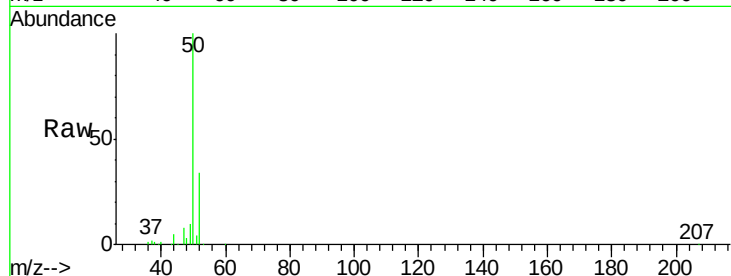
ClientSampled :

Tot Ion: 50 Resp: 160002

Ion Ratio Lower Upper

50 100

52 34.2 26.1 39.1



#4

Vinyl Chloride

Concen: 18.78 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049872.D

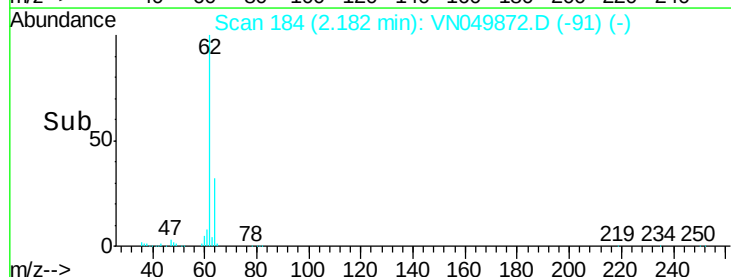
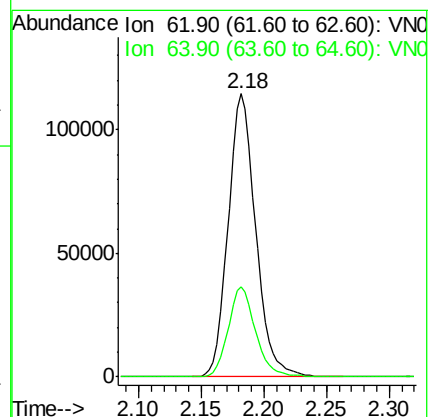
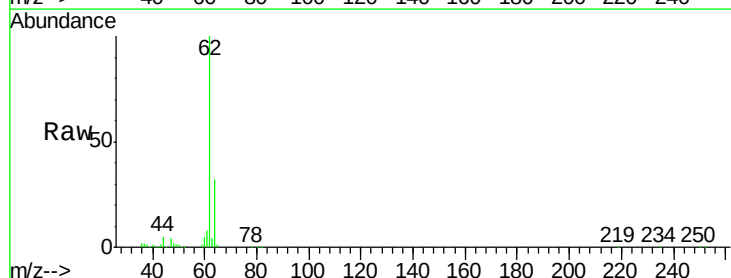
Acq: 18 Jul 2018 15:01

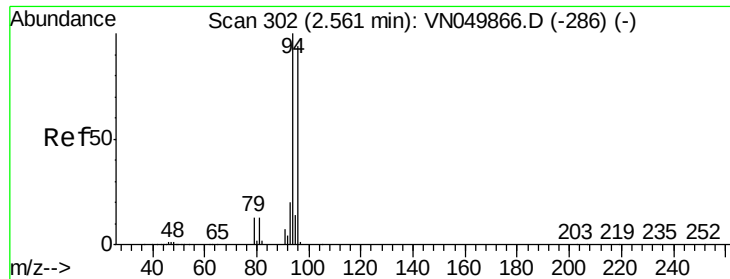
Tgt Ion: 62 Resp: 175430

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 21.16 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

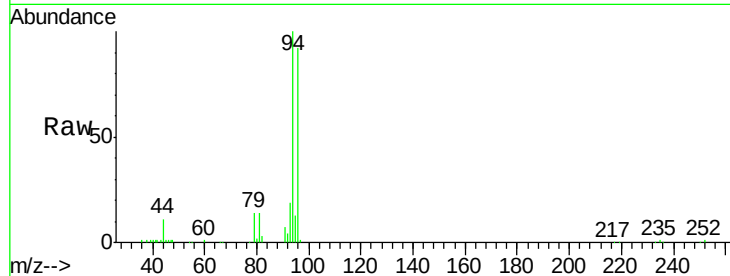
ClientSampleId :

Tot Ion: 94 Resp: 116242

Ion Ratio Lower Upper

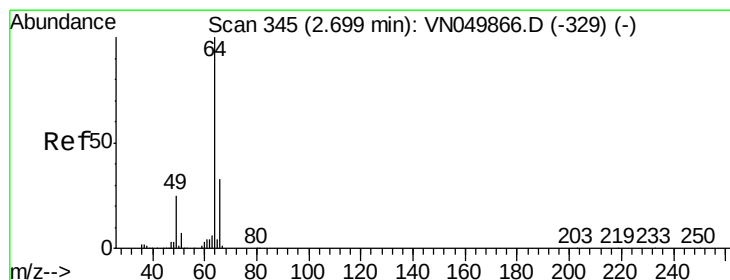
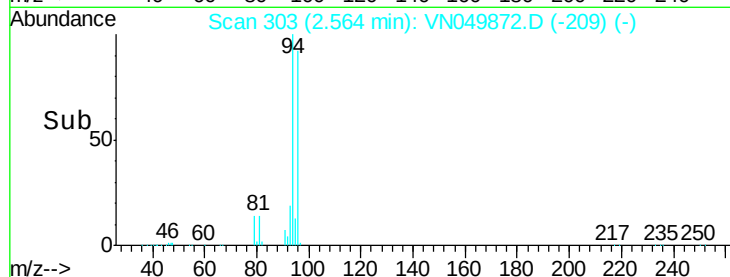
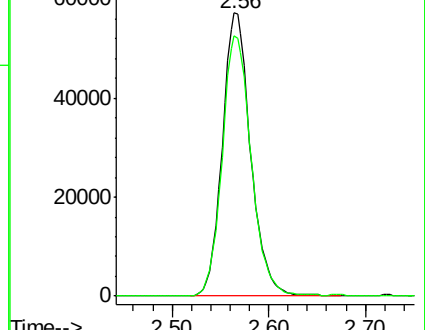
94 100

96 91.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN049872.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN049872.D (-209) (-)



#6

Chloroethane

Concen: 18.24 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049872.D

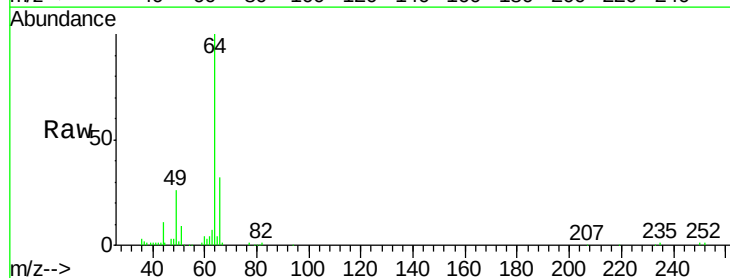
Acq: 18 Jul 2018 15:01

Tgt Ion: 64 Resp: 111274

Ion Ratio Lower Upper

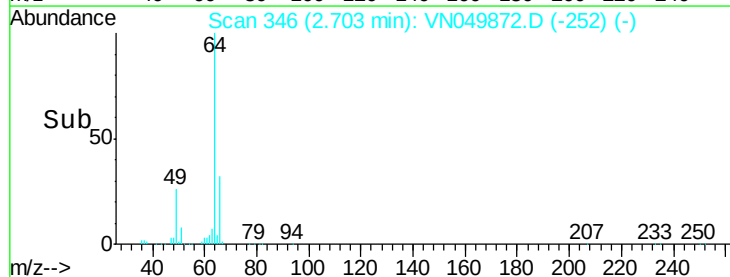
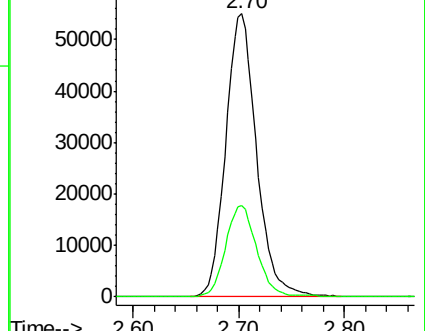
64 100

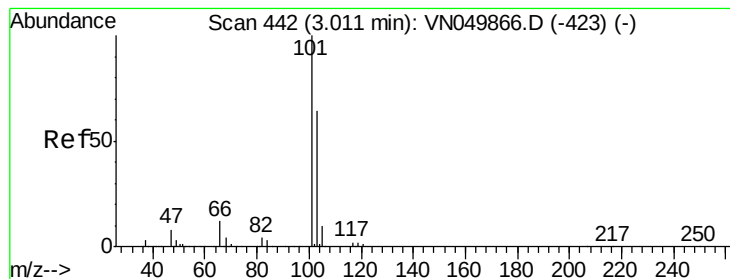
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049872.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049872.D (-252) (-)





#7

Trichlorofluoromethane

Concen: 18.49 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

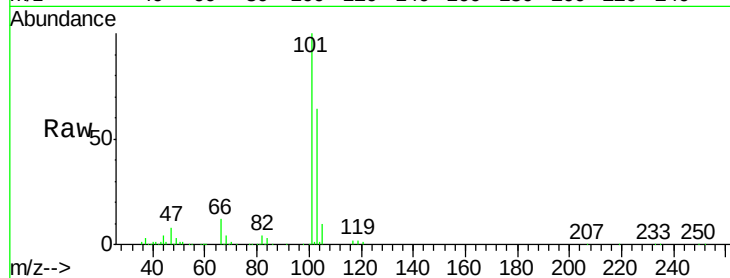
ClientSampled :

Tot Ion:101 Resp: 237350

Ion Ratio Lower Upper

101 100

103 64.5 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

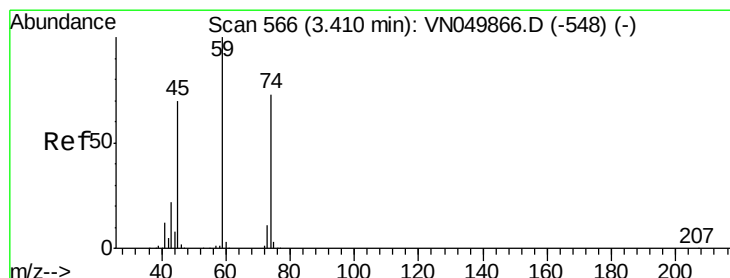
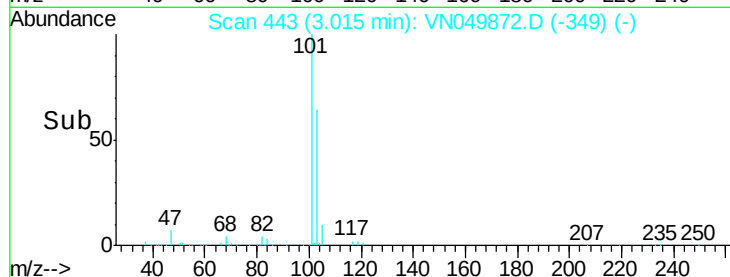
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 19.75 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049872.D

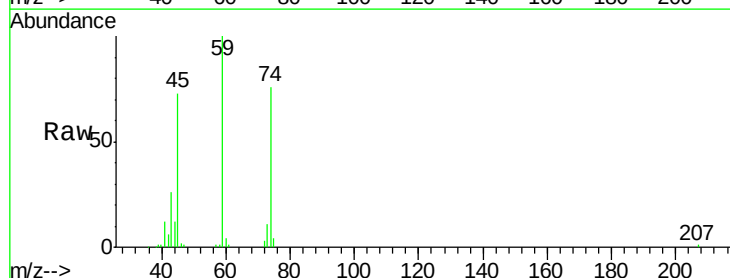
Acq: 18 Jul 2018 15:01

Tgt Ion: 74 Resp: 88456

Ion Ratio Lower Upper

74 100

45 94.3 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

3.41

40000

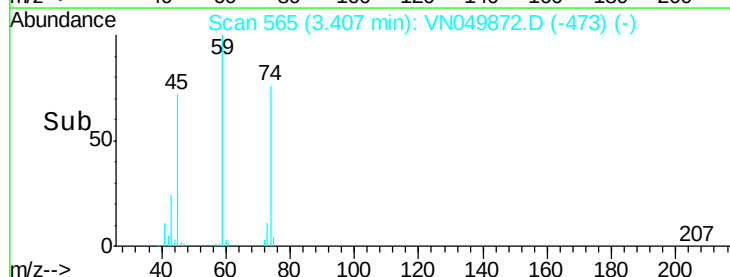
30000

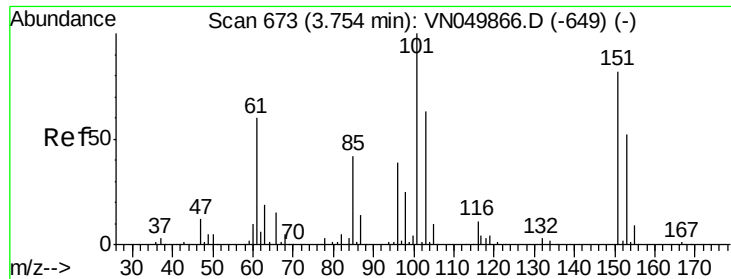
20000

10000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.58 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

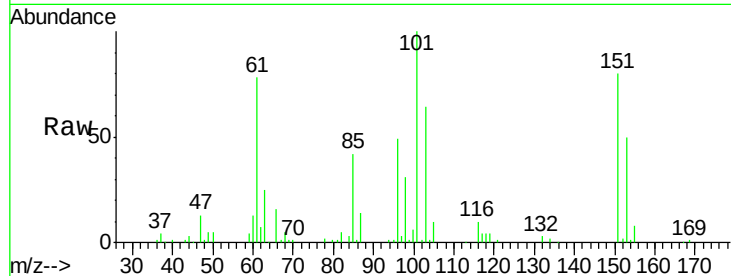
Tot Ion:101 Resp: 147108

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

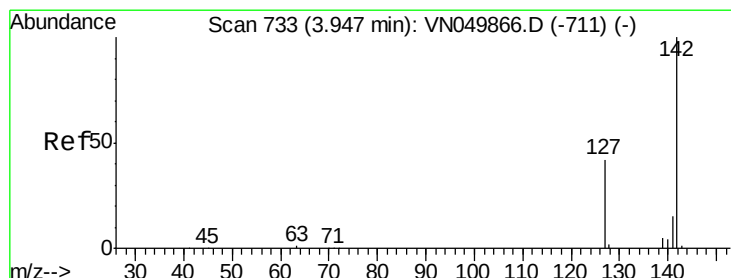
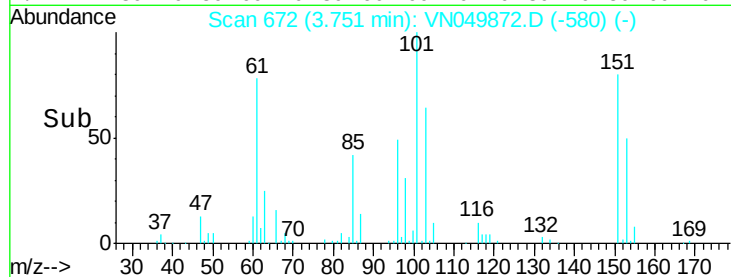
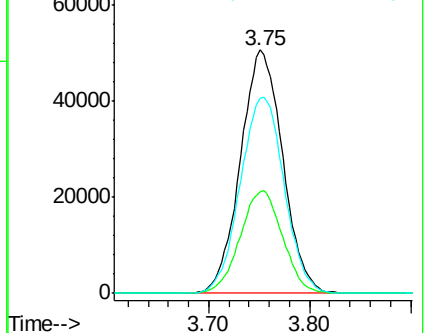
151 83.7 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.12 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

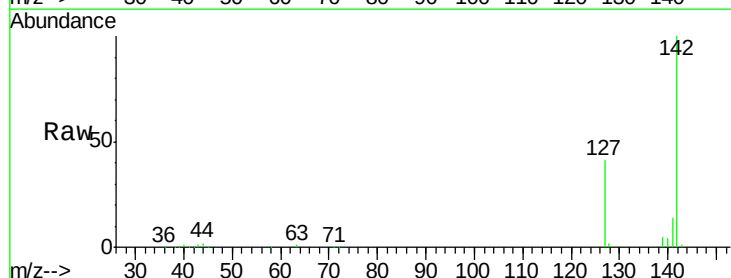
Tgt Ion:142 Resp: 181812

Ion Ratio Lower Upper

142 100

127 41.6 32.5 48.7

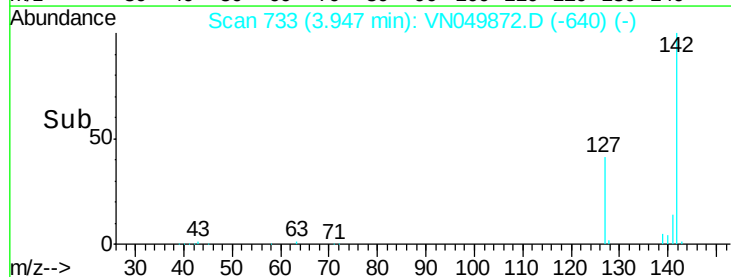
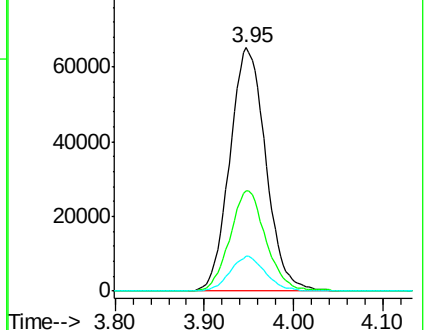
141 14.3 11.1 16.7

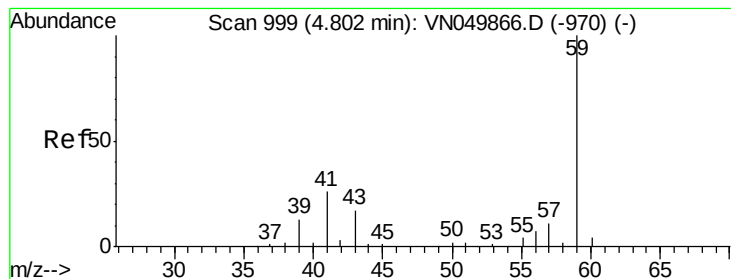


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.59 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

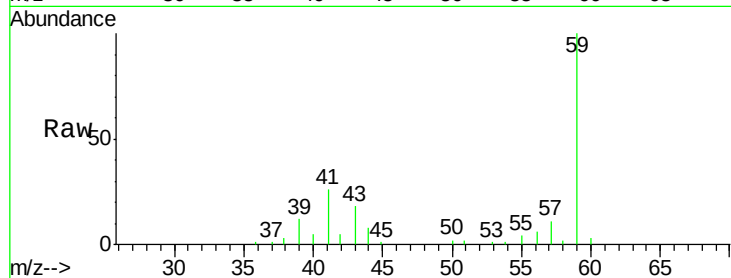
ClientSampleId :

Tot Ion: 59 Resp: 63814

Ion Ratio Lower Upper

59 100

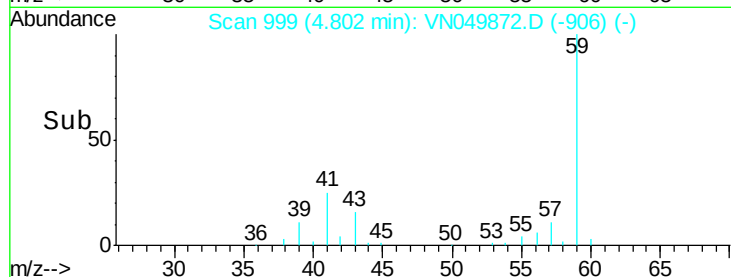
57 10.4 8.5 12.7



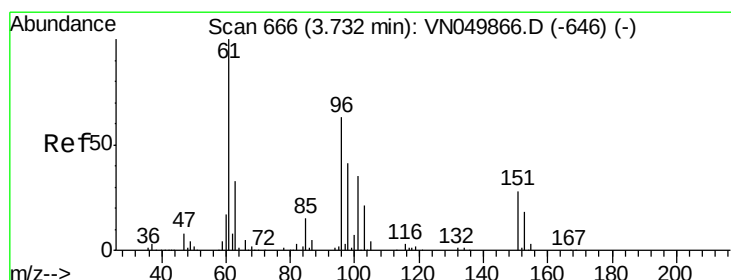
Abundance Ion 59.00 (58.70 to 59.70): VN049866.D (-970) (-)

Ion 57.00 (56.70 to 57.70): VN049866.D (-970) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 18.76 ug/l

RT: 3.73 min Scan# 666

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

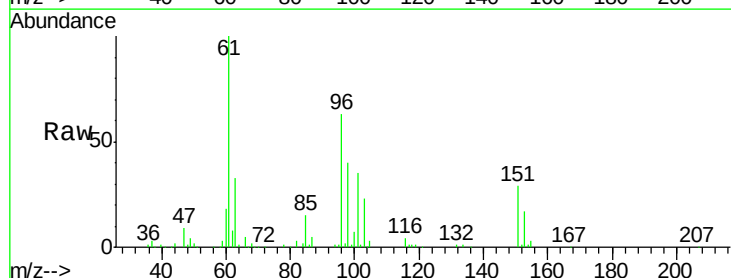
Tgt Ion: 96 Resp: 130477

Ion Ratio Lower Upper

96 100

61 158.0 126.5 189.7

98 63.3 51.0 76.6

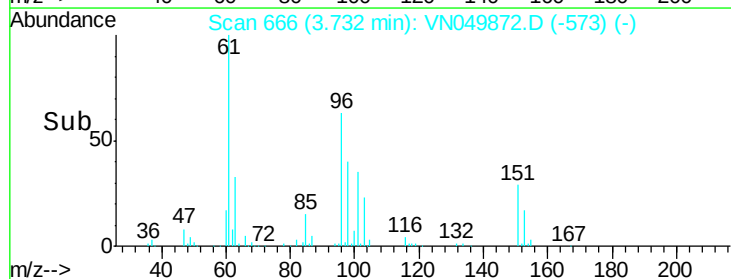


Abundance Ion 95.90 (95.60 to 96.60): VN049866.D (-646) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-646) (-)

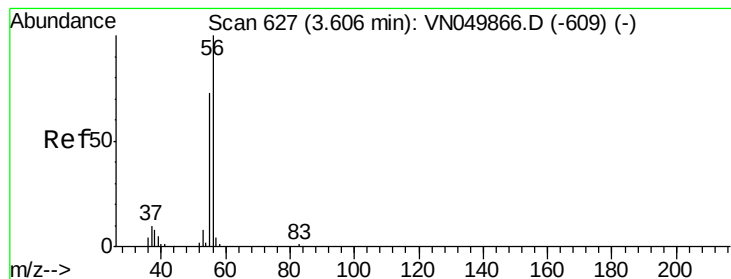
Ion 97.90 (97.60 to 98.60): VN049866.D (-646) (-)

Time-->



Time-->

Time-->



#13

Acrolein

Concen: 105.50 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

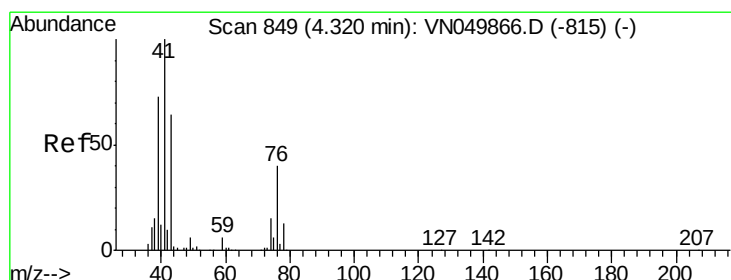
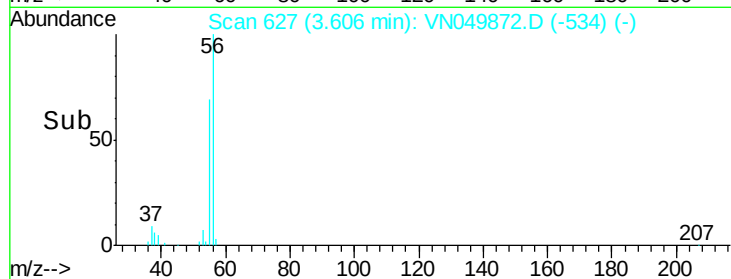
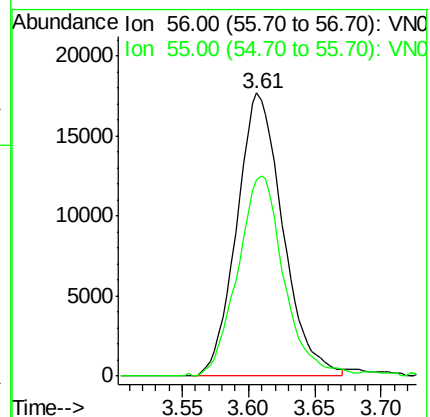
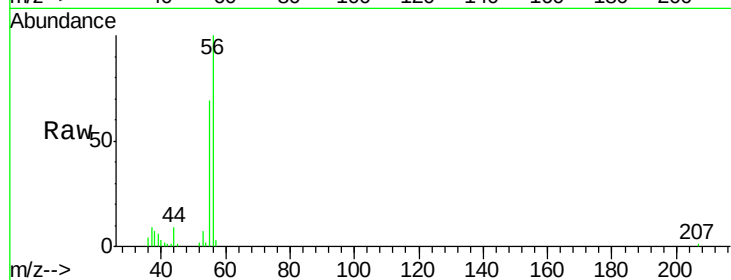
ClientSampleId :

Tot Ion: 56 Resp: 42703

Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8



#14

Allyl chloride

Concen: 19.55 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

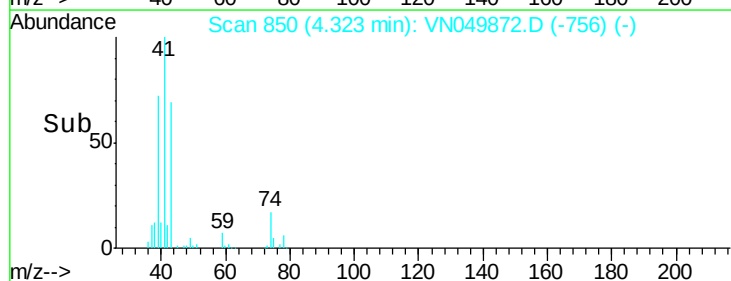
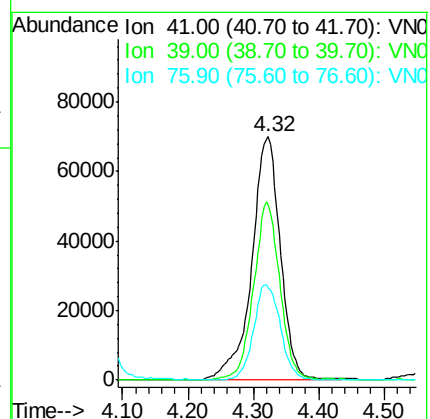
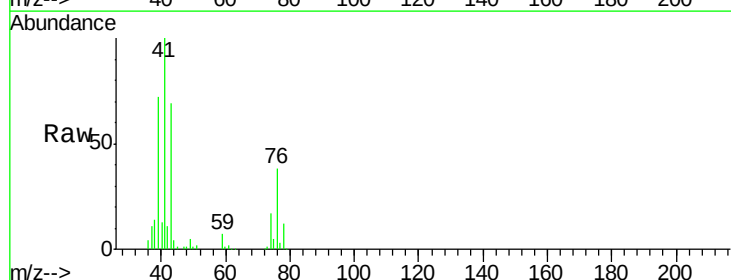
Tgt Ion: 41 Resp: 214290

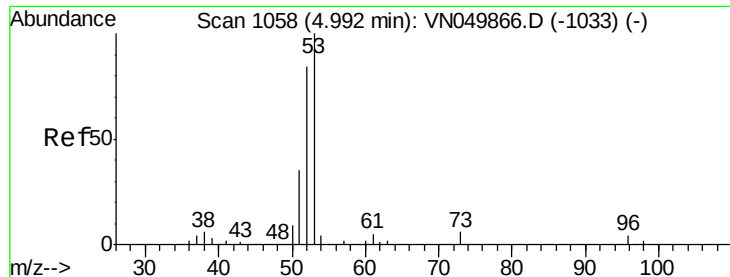
Ion Ratio Lower Upper

41 100

39 67.0 53.2 79.8

76 35.9 29.0 43.6





#15

Acrylonitrile

Concen: 101.32 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

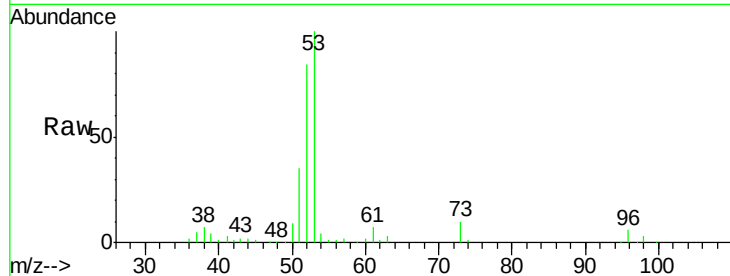
Tot Ion: 53 Resp: 279900

Ion Ratio Lower Upper

53 100

52 82.3 64.8 97.2

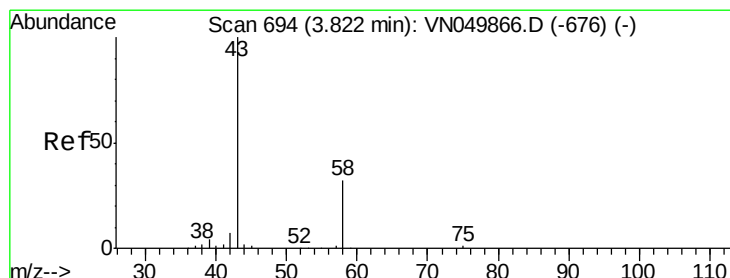
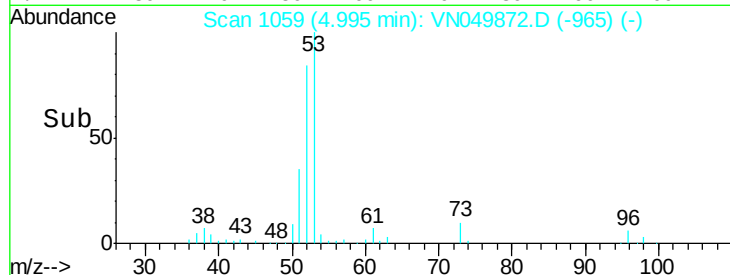
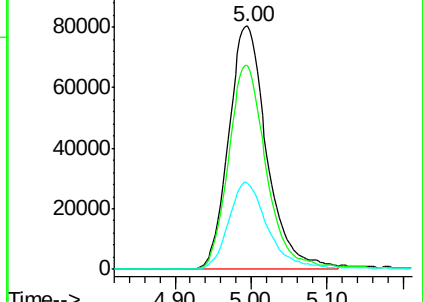
51 36.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049872.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN049872.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN049872.D (-965) (-)



#16

Acetone

Concen: 101.96 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049872.D

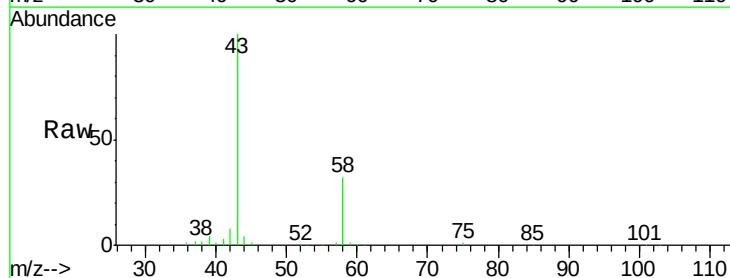
Acq: 18 Jul 2018 15:01

Tgt Ion: 43 Resp: 232745

Ion Ratio Lower Upper

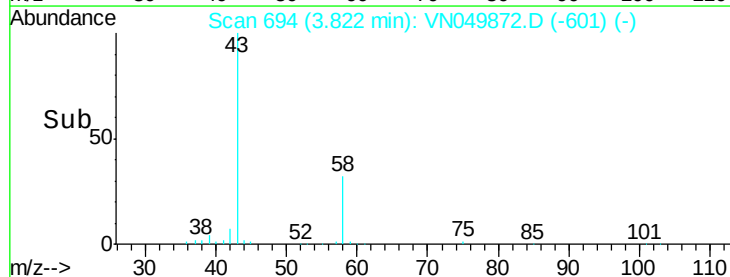
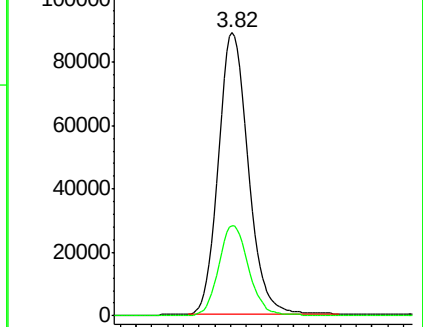
43 100

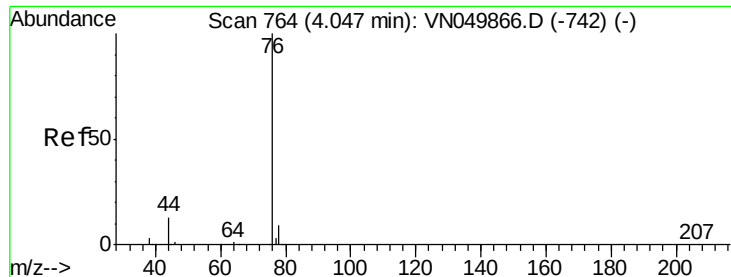
58 31.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049872.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049872.D (-601) (-)





#17

Carbon Disulfide

Concen: 17.91 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

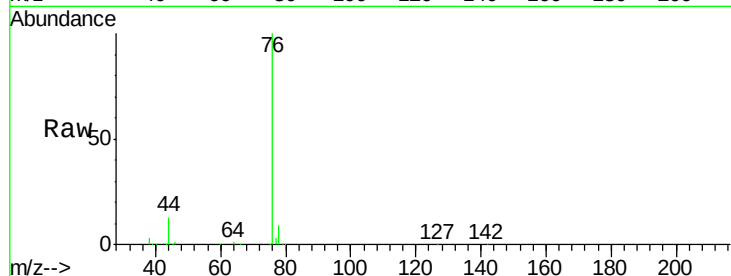
ClientSampleId :

Tot Ion: 76 Resp: 372737

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



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

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

4.05

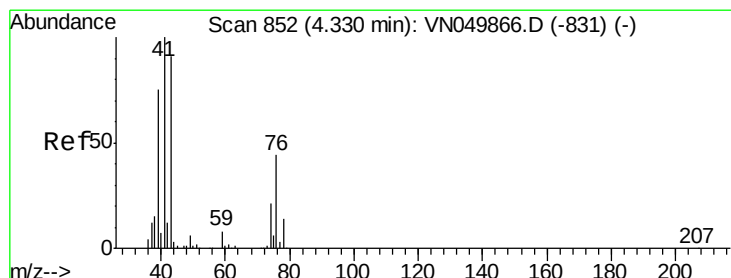
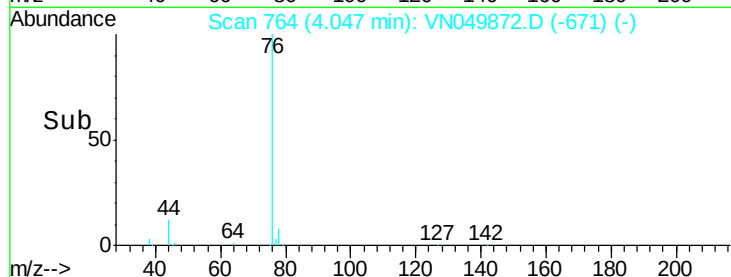
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.96 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049872.D

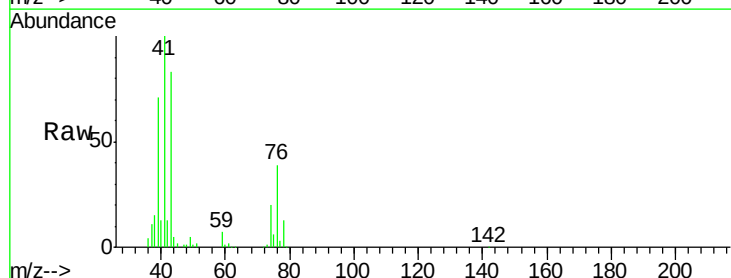
Acq: 18 Jul 2018 15:01

Tgt Ion: 43 Resp: 153807

Ion Ratio Lower Upper

43 100

74 23.8 19.8 29.8



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

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

4.33

60000

50000

40000

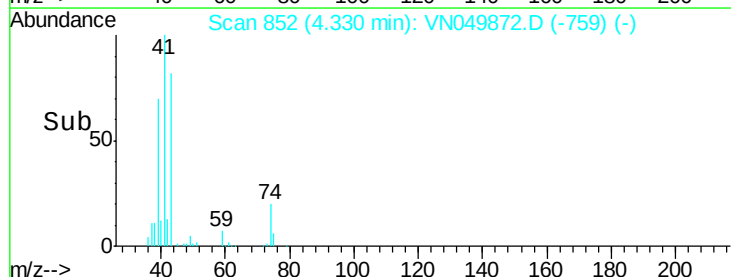
30000

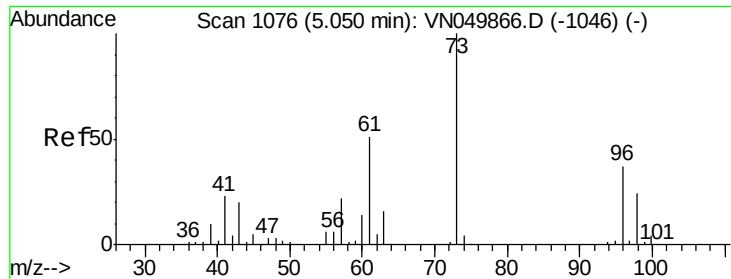
20000

10000

0

Time-->



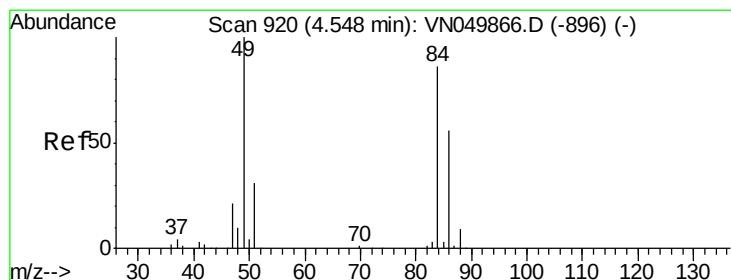
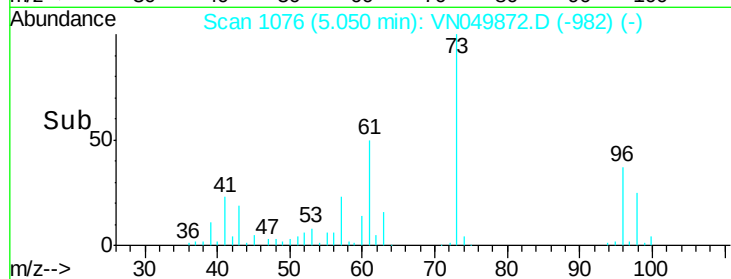
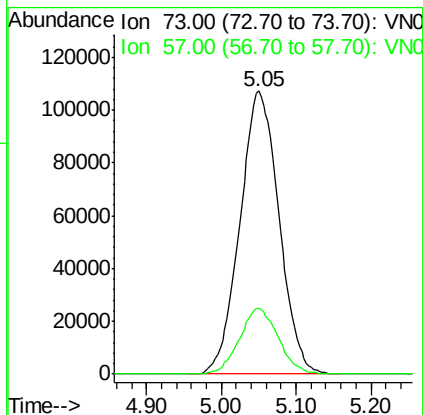
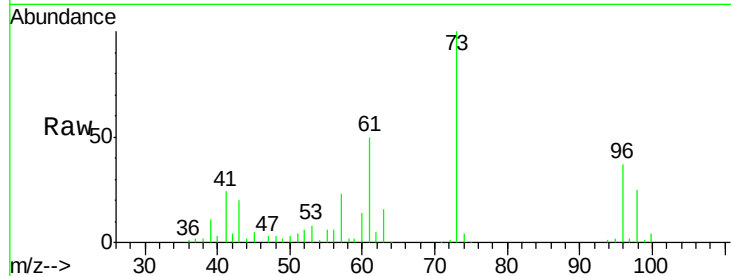


#19

Methyl tert-butyl Ether
 Concen: 20.32 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampled :

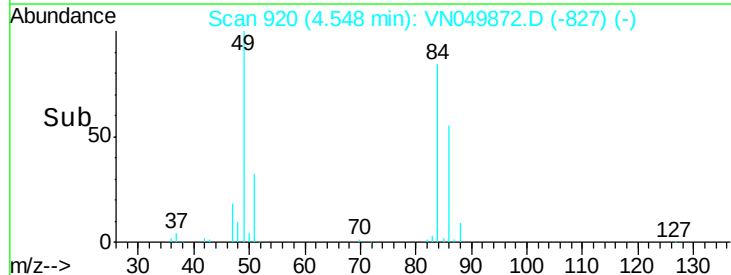
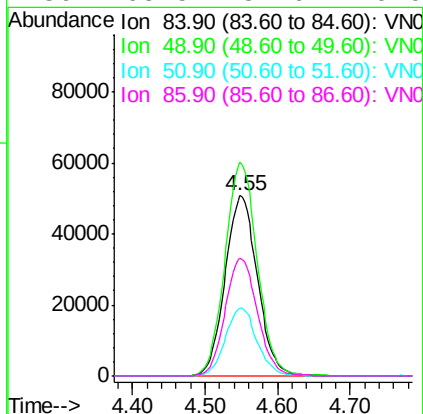
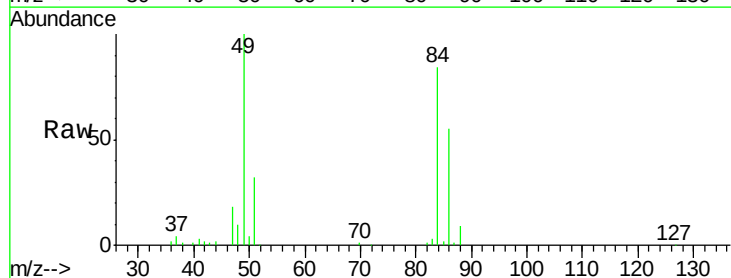
Tot Ion: 73 Resp: 388913
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.1 27.1

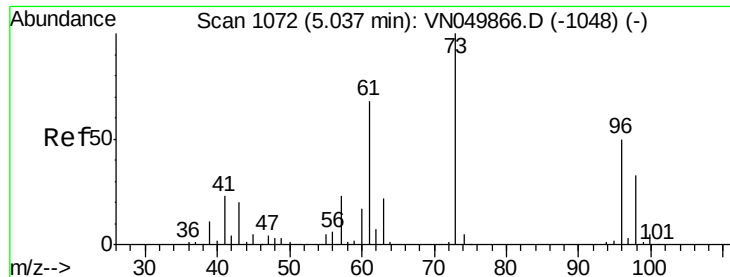


#20

Methylene Chloride
 Concen: 18.18 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 84 Resp: 157805
 Ion Ratio Lower Upper
 84 100
 49 118.7 95.4 143.2
 51 37.8 28.4 42.6
 86 65.5 52.6 79.0

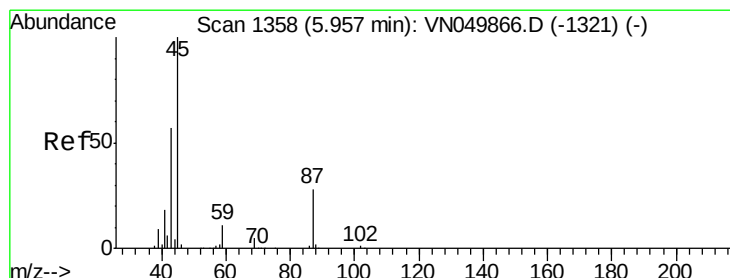
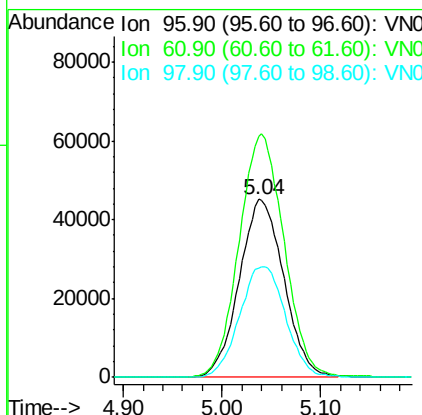
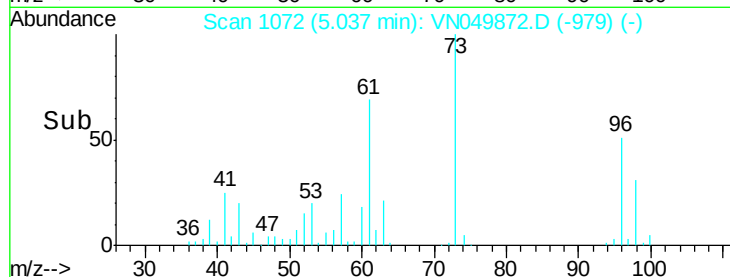
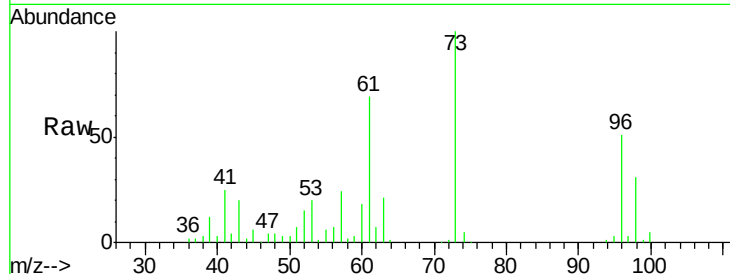




#21
trans-1,2-Dichloroethene
Concen: 19.11 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

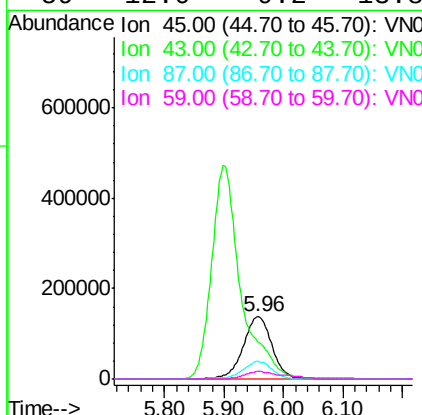
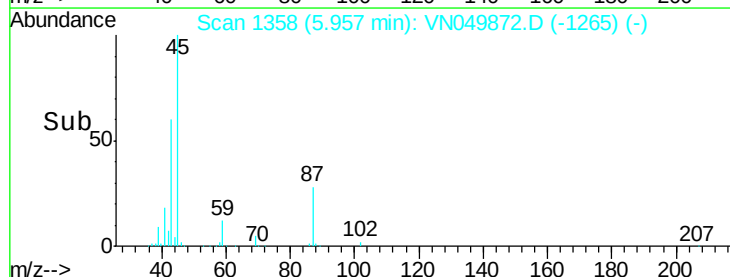
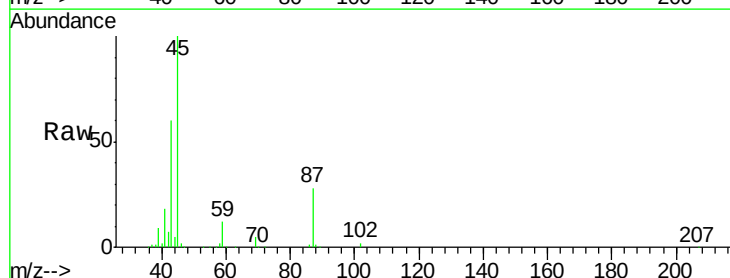
Instrument :
MSVOA_N
ClientSampled :

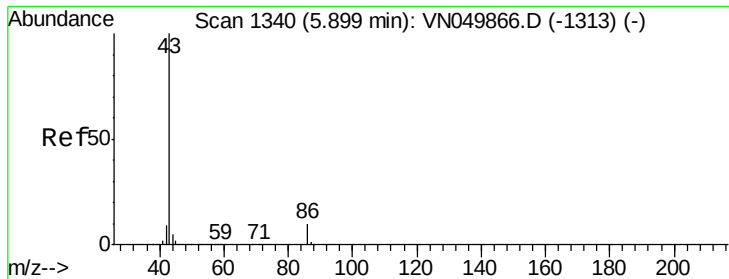
Tot Ion: 96 Resp: 141115
Ion Ratio Lower Upper
96 100
61 134.9 109.0 163.6
98 61.6 51.1 76.7



#22
Diisopropyl ether
Concen: 20.82 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 45 Resp: 465822
Ion Ratio Lower Upper
45 100
43 58.4 48.1 72.1
87 28.1 22.6 34.0
59 12.0 9.2 13.8

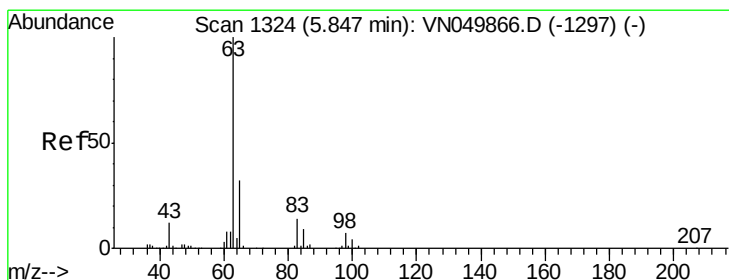
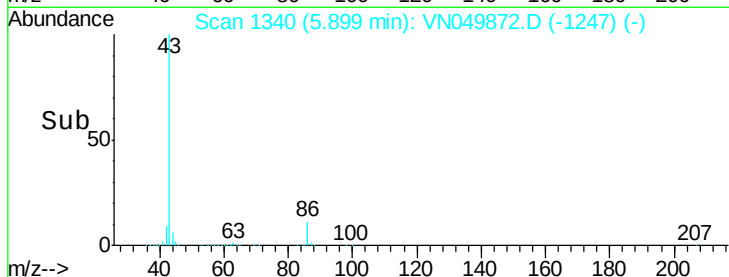
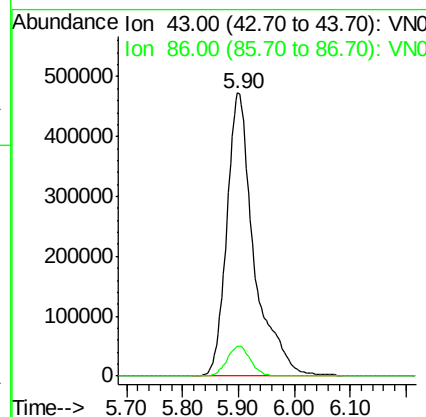
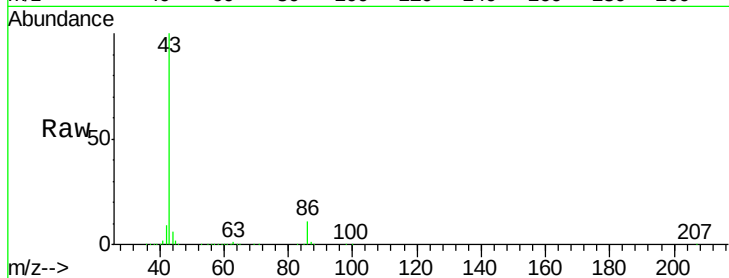




#23
 Vinyl Acetate
 Concen: 102.40 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

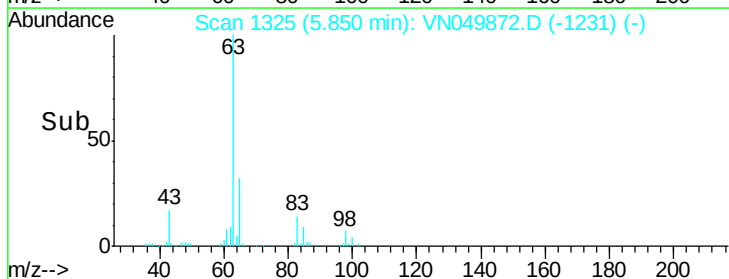
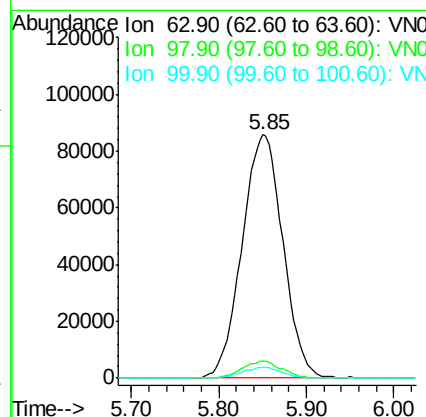
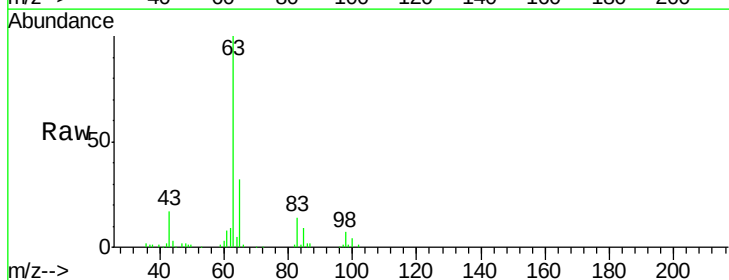
Instrument :
 MSVOA_N
 ClientSampleId :

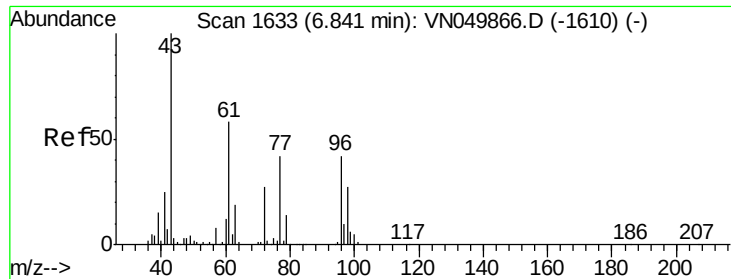
Tot Ion: 43 Resp: 1607417
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.34 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 63 Resp: 277742
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 105.01 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

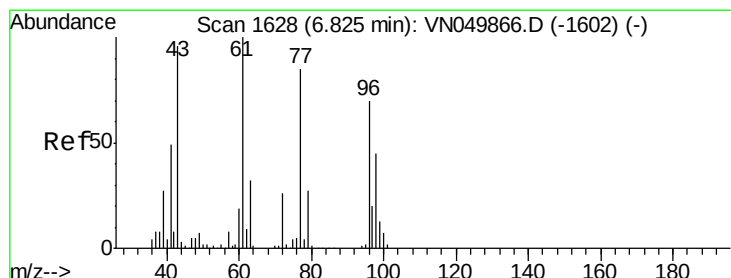
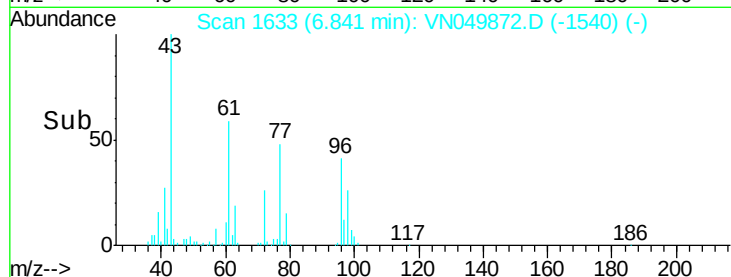
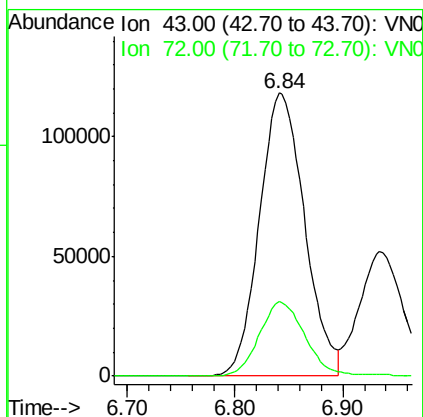
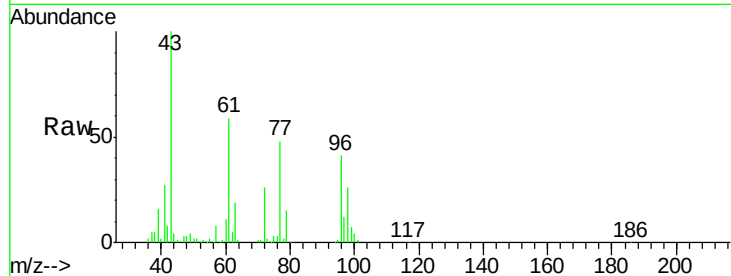
ClientSampled :

Tot Ion: 43 Resp: 342595

Ion Ratio Lower Upper

43 100

72 26.3 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.66 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049872.D

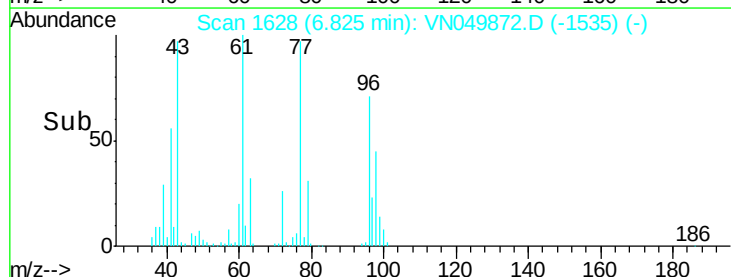
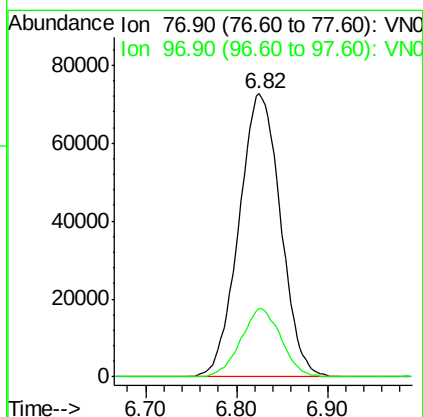
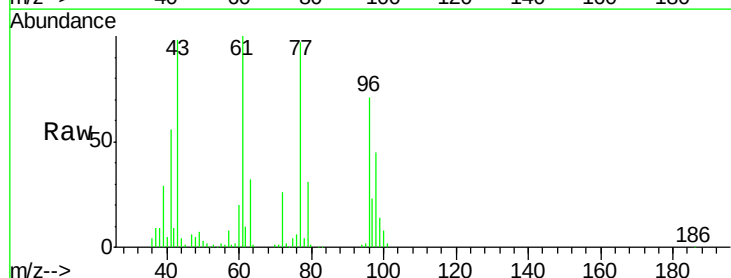
Acq: 18 Jul 2018 15:01

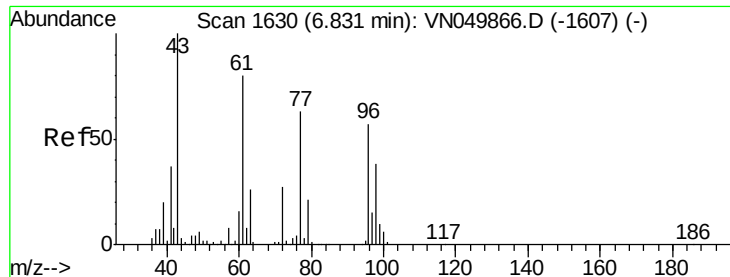
Tgt Ion: 77 Resp: 230848

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5

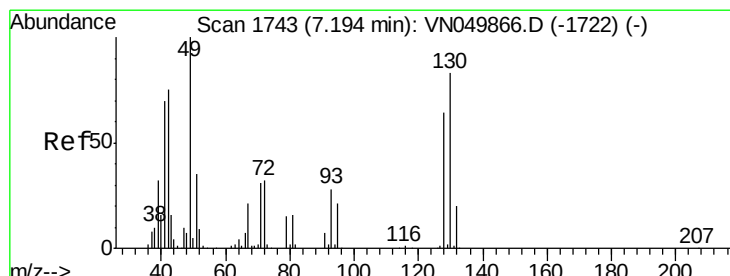
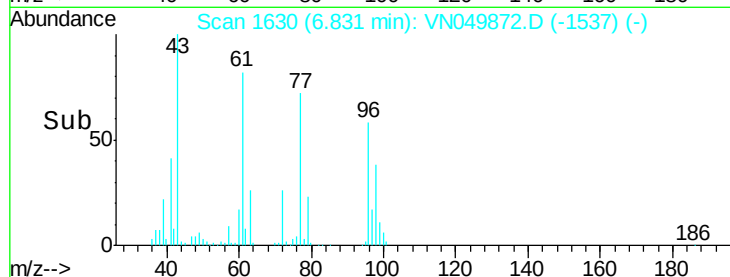
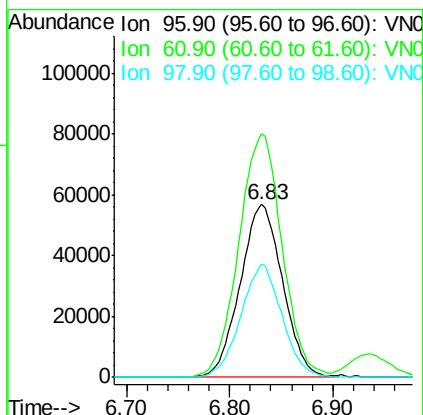
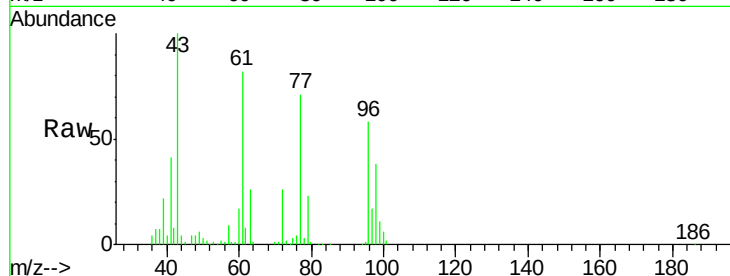




#27
 cis-1,2-Dichloroethene
 Concen: 20.08 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

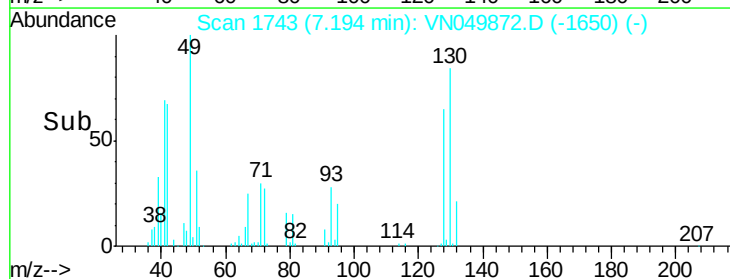
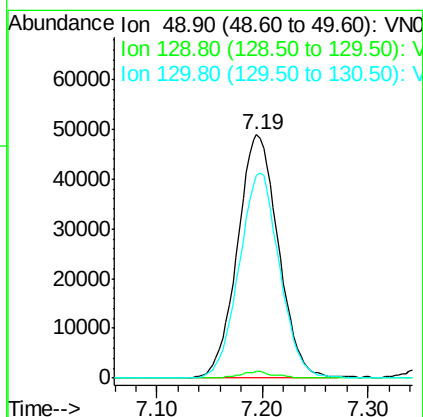
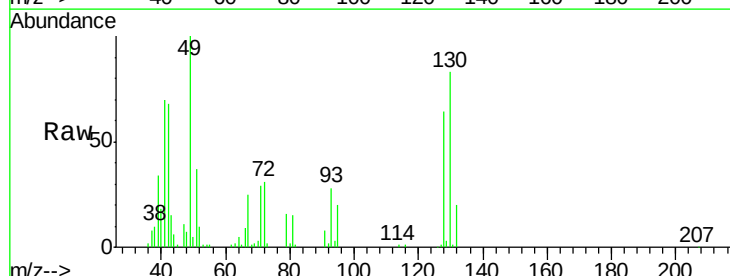
Instrument :
 MSVOA_N
 ClientSampleId :

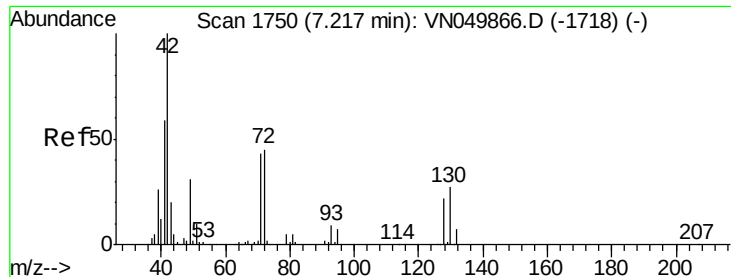
Tot Ion: 96 Resp: 162743
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 289.0
 98 63.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.32 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 49 Resp: 131788
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.6 65.5 98.3

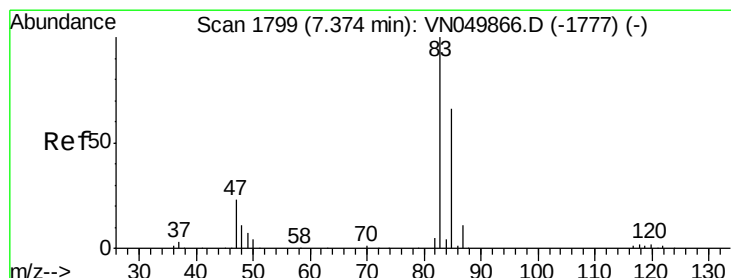
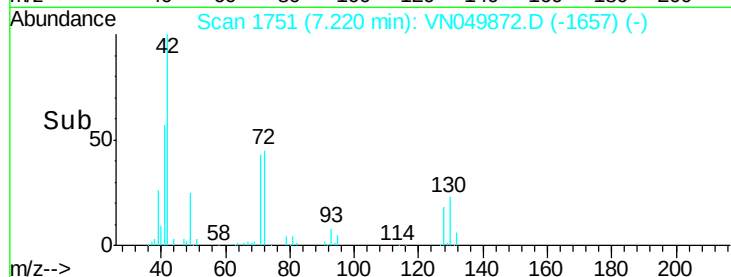
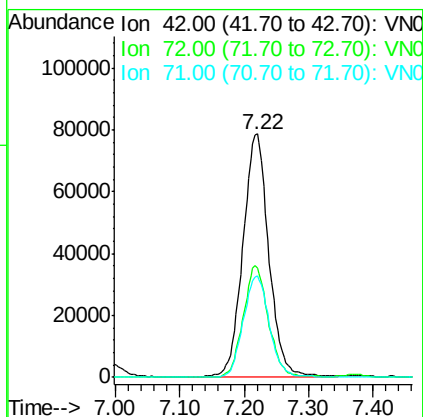
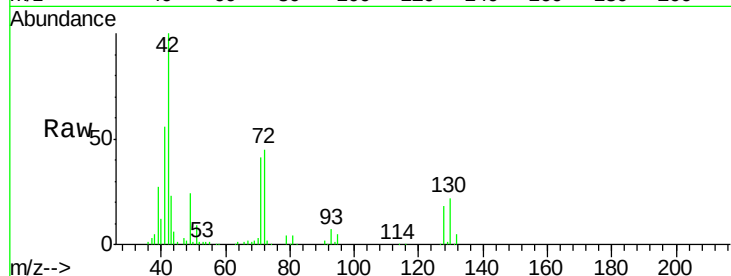




#29
Tetrahydrofuran
Concen: 107.35 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

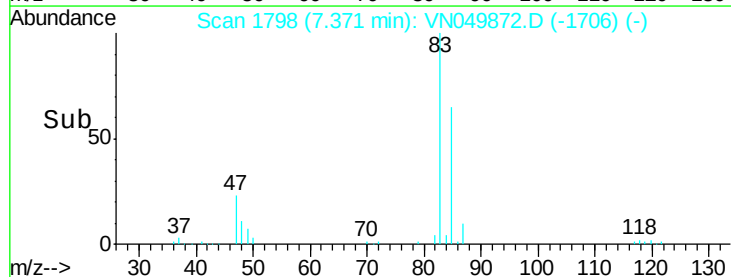
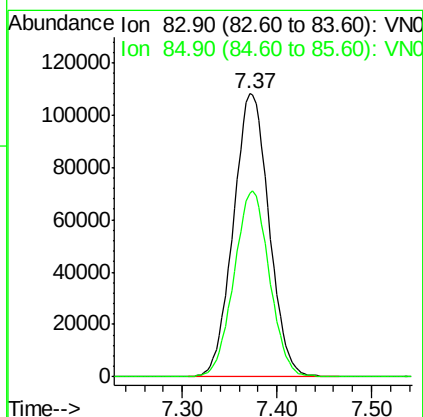
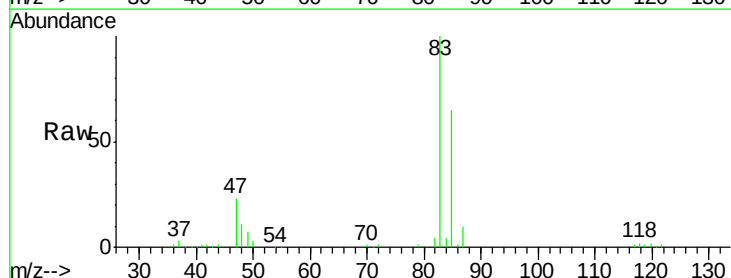
Instrument :
MSVOA_N
ClientSampled :

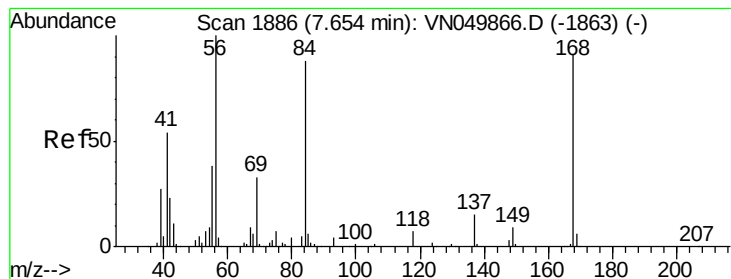
Tot Ion: 42 Resp: 220624
Ion Ratio Lower Upper
42 100
72 44.1 35.6 53.4
71 41.3 34.0 51.0



#30
Chloroform
Concen: 19.24 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 83 Resp: 283619
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2





#31

Cyclohexane

Concen: 19.55 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

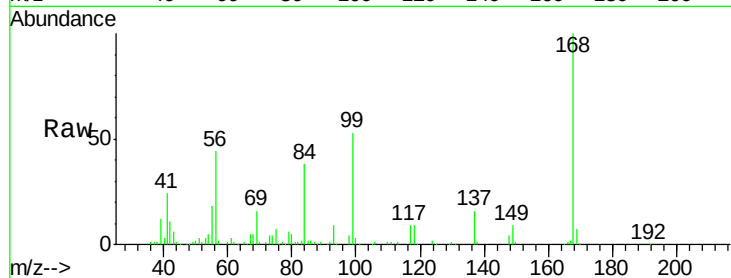
Tot Ion: 56 Resp: 228496

Ion Ratio Lower Upper

56 100

69 37.2 26.6 40.0

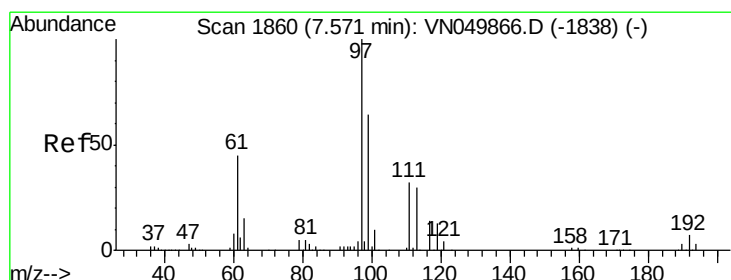
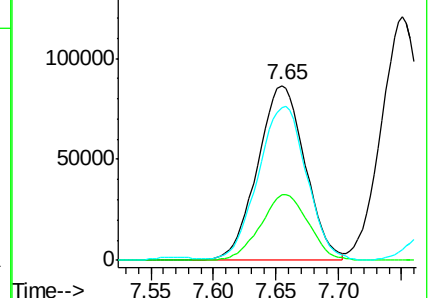
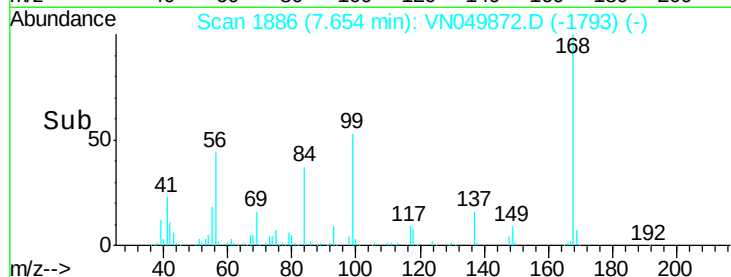
84 85.9 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049872.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049872.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049872.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 19.19 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

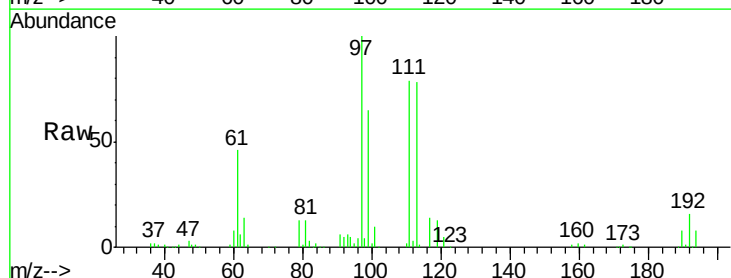
Tgt Ion: 97 Resp: 244503

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

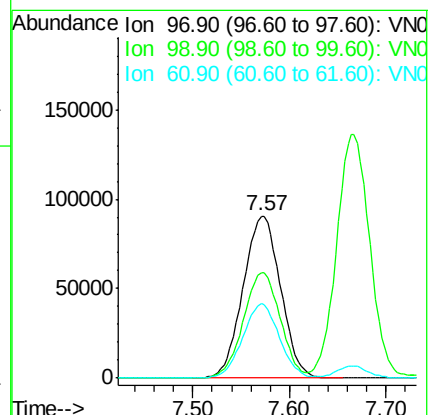
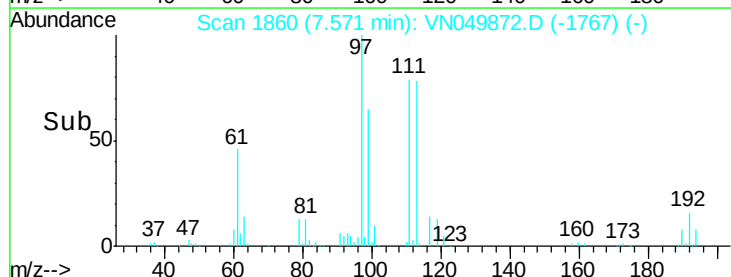
61 44.7 35.5 53.3

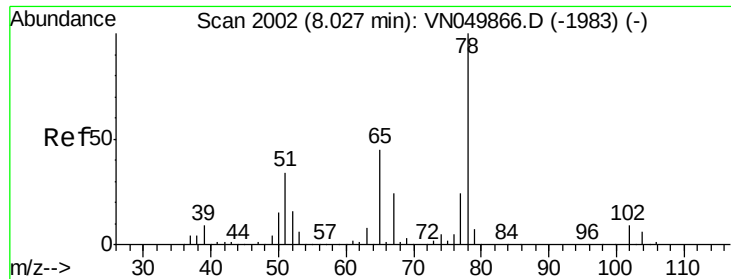


Abundance Ion 96.90 (96.60 to 97.60): VN049872.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049872.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049872.D (-1767) (-)

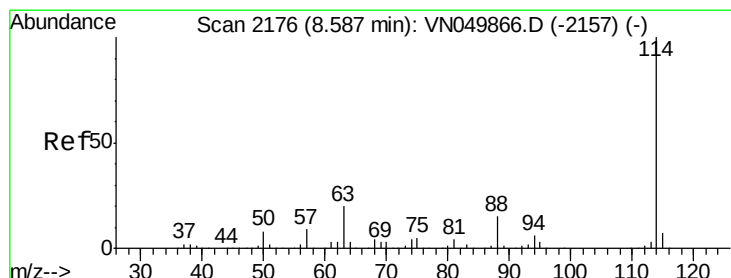
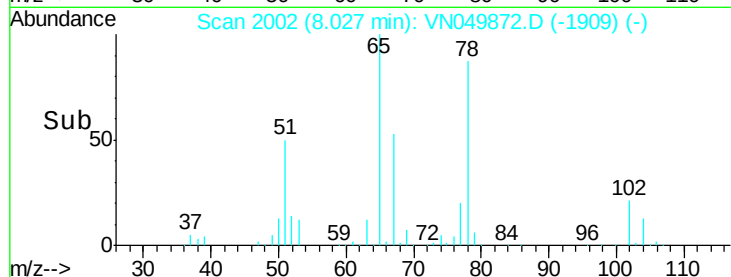
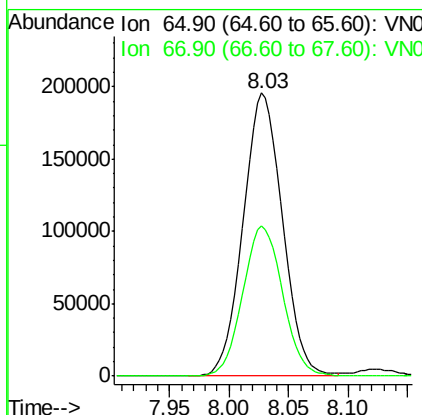
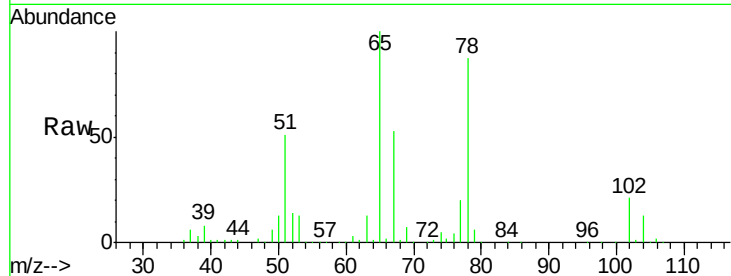




#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

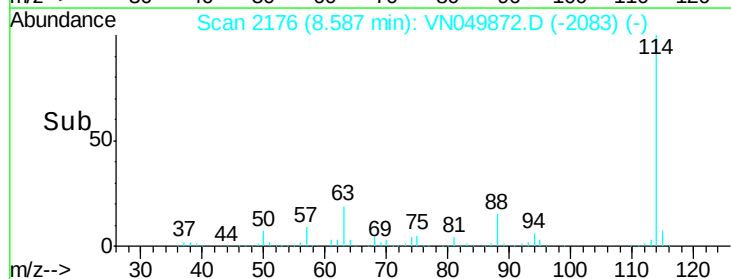
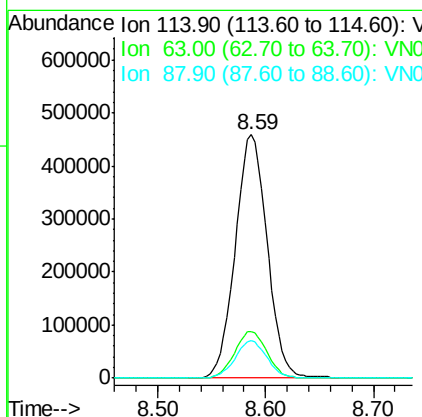
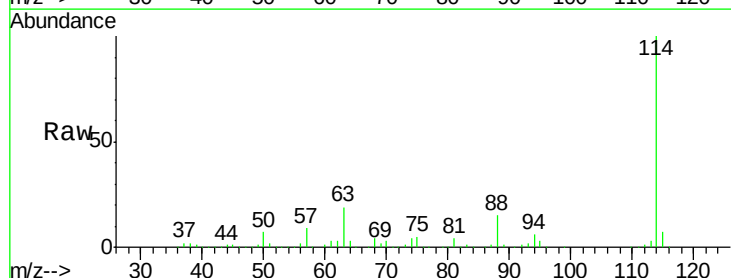
Instrument :
 MSVOA_N
 ClientSampled :

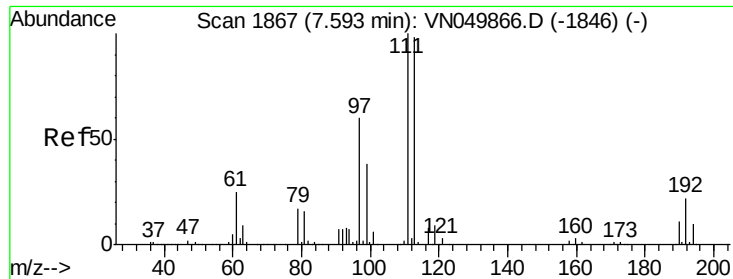
Tot Ion: 65 Resp: 447878
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 114 Resp: 947090
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.2 0.0 30.6

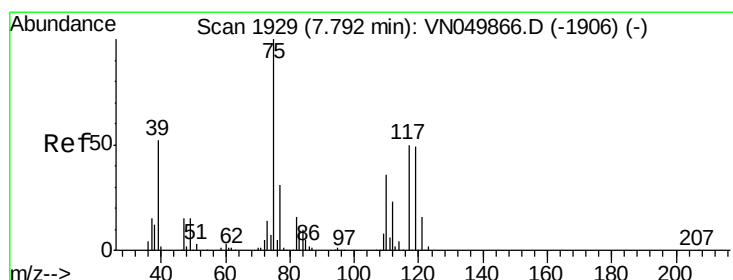
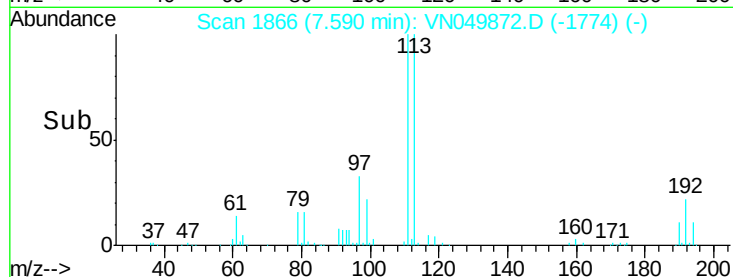
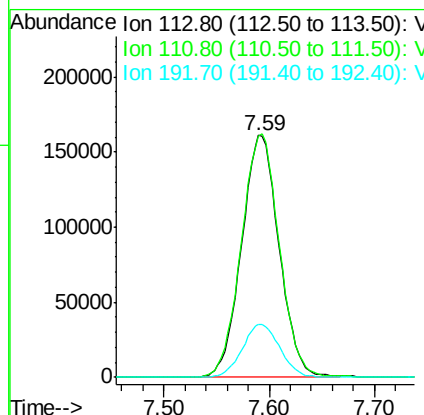
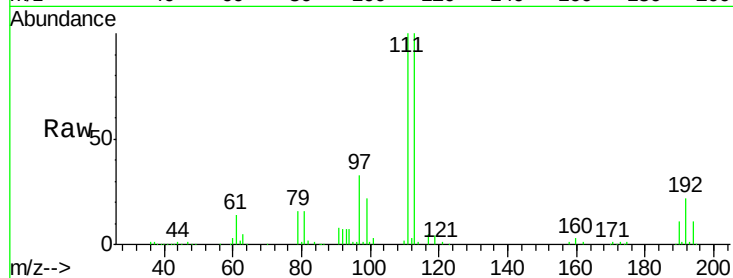




#35
 Dibromofluoromethane
 Concen: 50.14 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

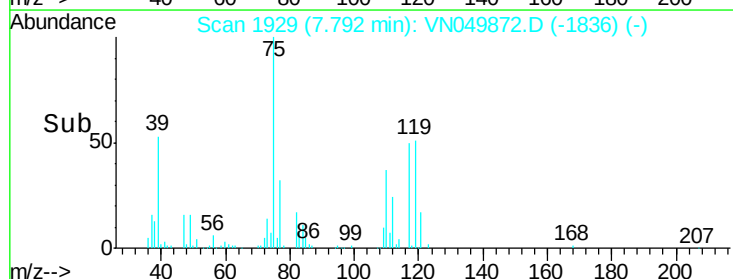
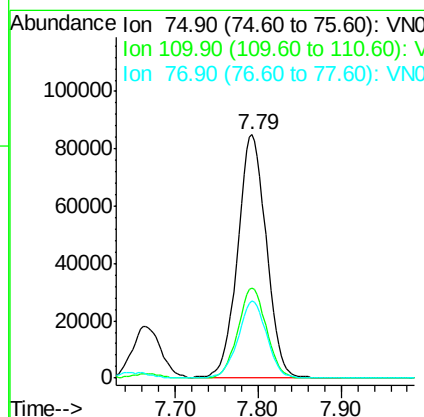
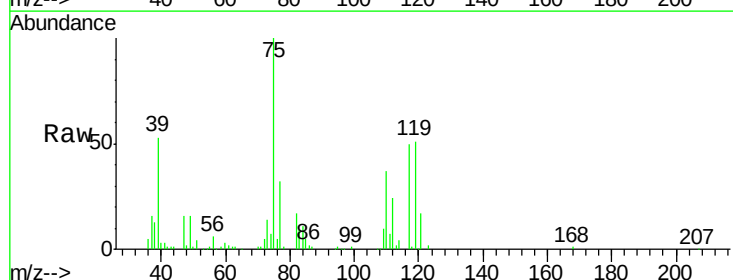
Instrument :
 MSVOA_N
 ClientSampleId :

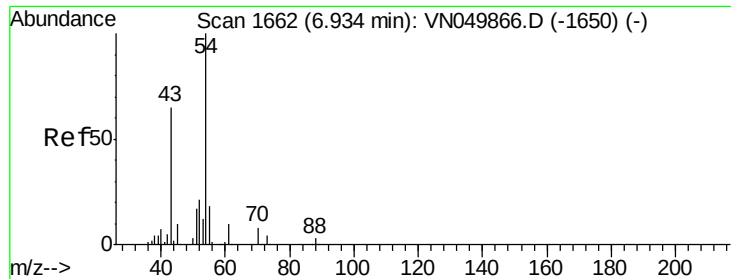
Tot Ion:113 Resp: 398681
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.46 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 75 Resp: 204946
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 31.6 24.9 37.3

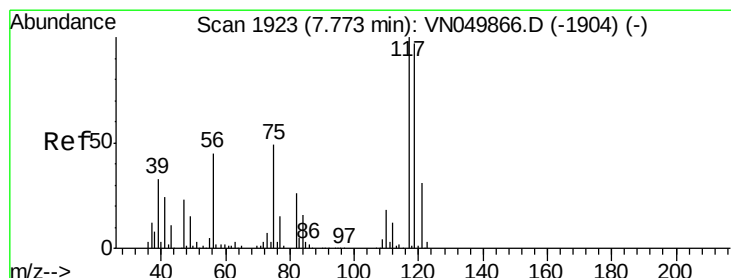
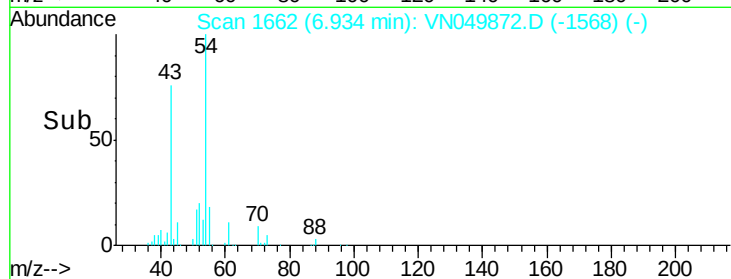
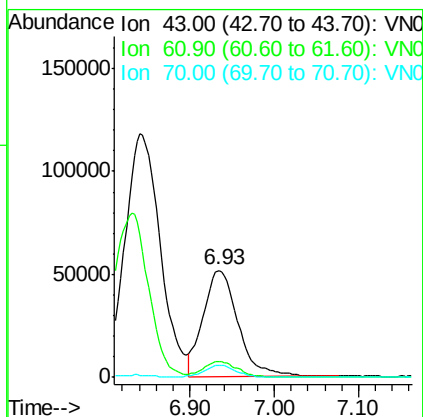
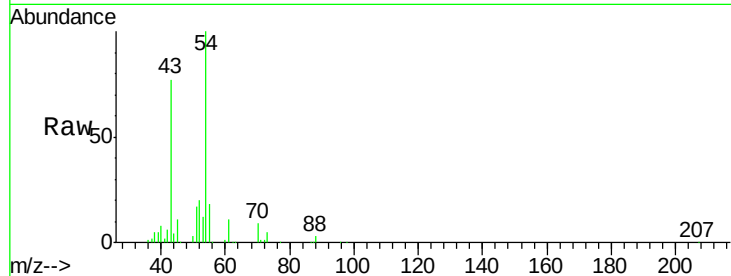




#37
Ethyl Acetate
Concen: 20.44 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

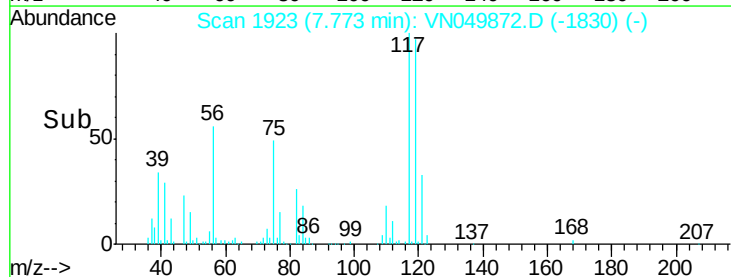
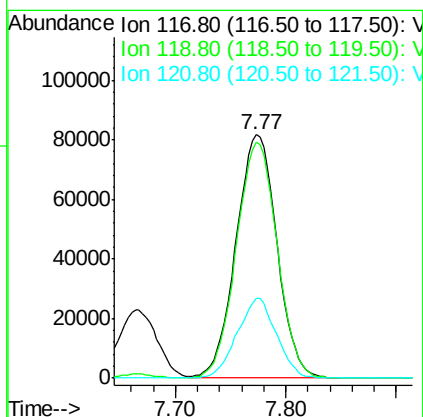
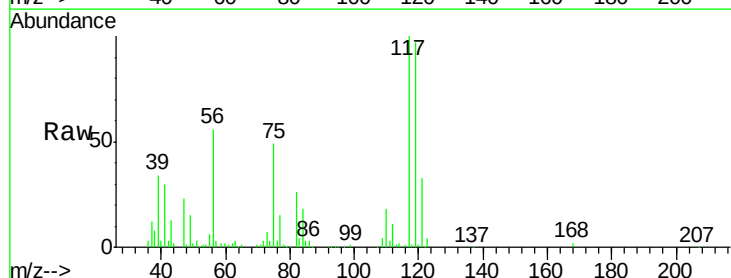
Instrument :
MSVOA_N
ClientSampled :

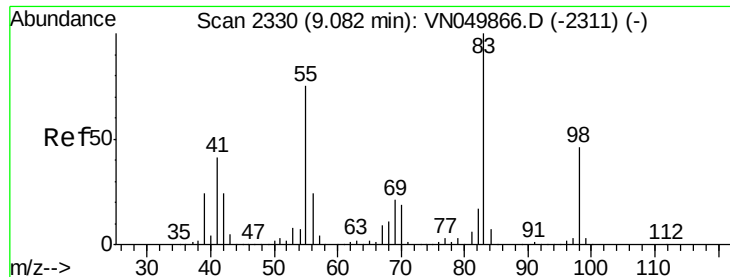
Tot Ion: 43 Resp: 147784
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.63 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 117 Resp: 210116
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 32.7 25.0 37.6

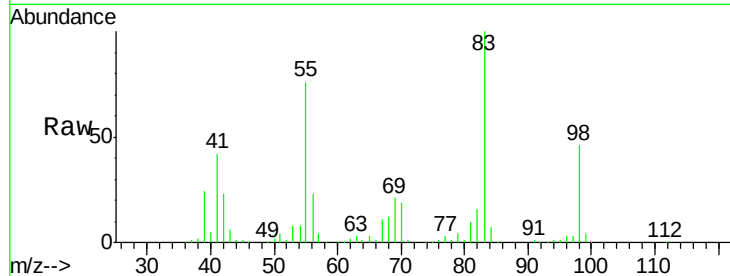




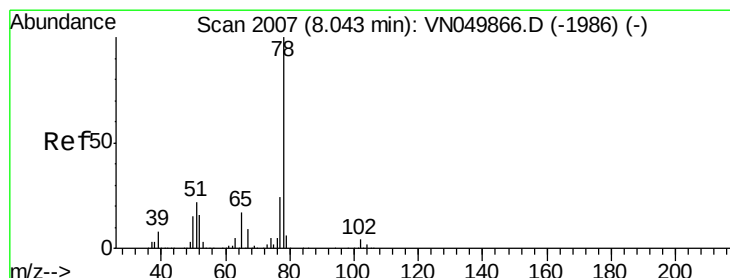
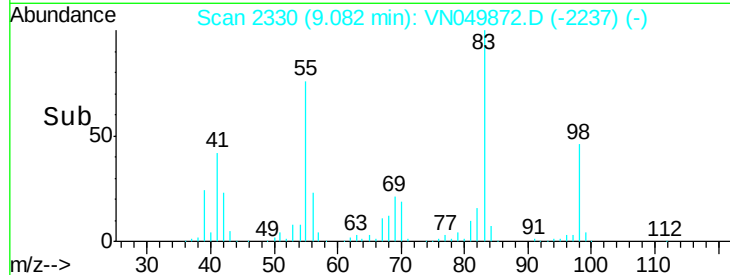
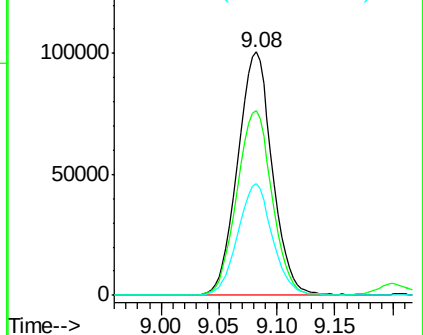
#39
Methylvlcyclohexane
Concen: 19.18 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 208675
Ion Ratio Lower Upper
83 100
55 75.8 59.7 89.5
98 45.8 36.5 54.7

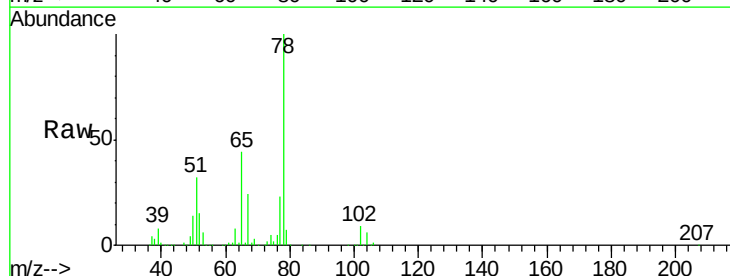


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

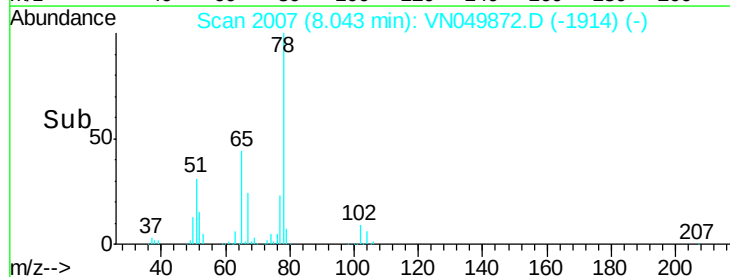
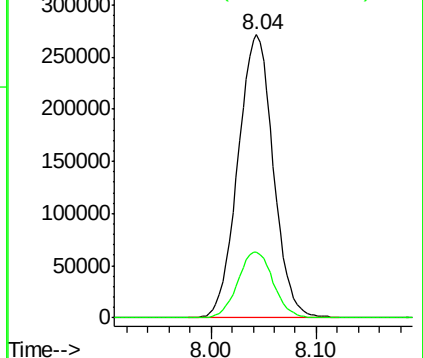


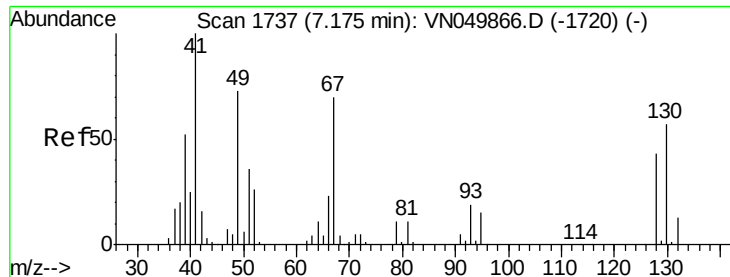
#40
Benzene
Concen: 19.70 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 78 Resp: 632213
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

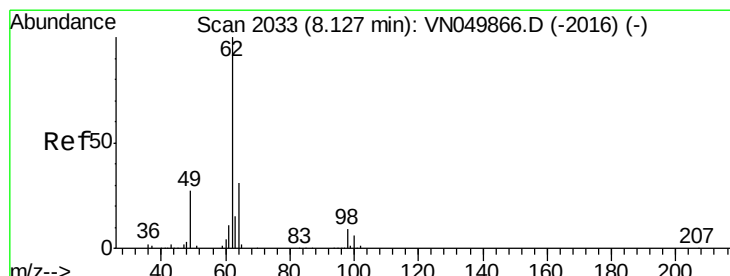
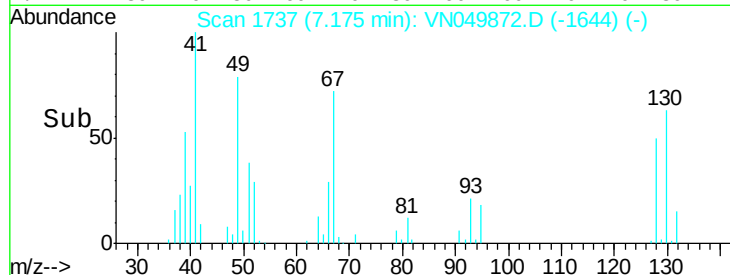
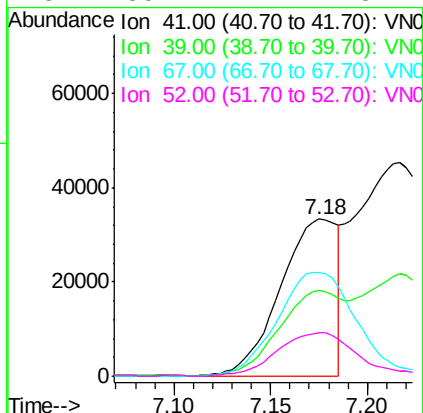
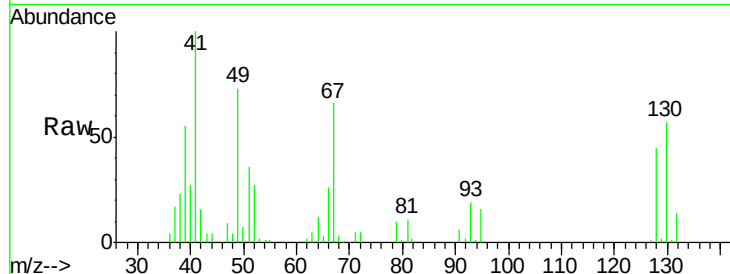




#41
Methacrylonitrile
Concen: 18.90 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

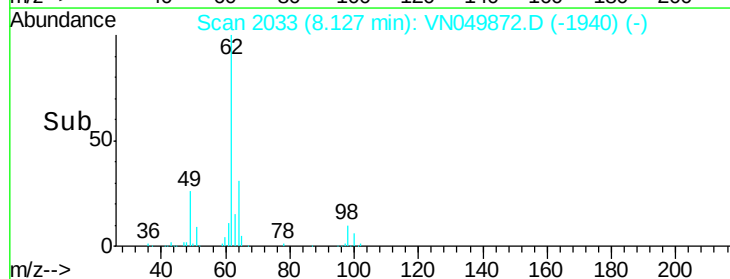
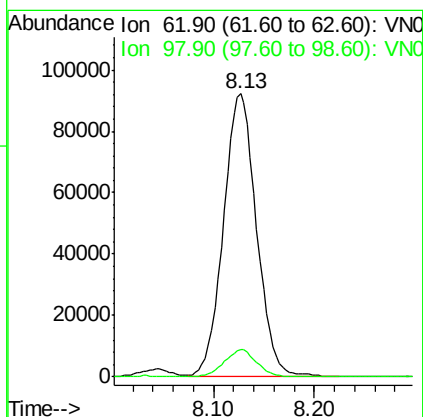
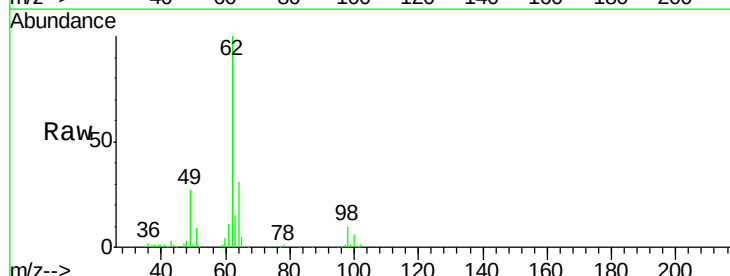
Instrument :
MSVOA_N
ClientSampleId :

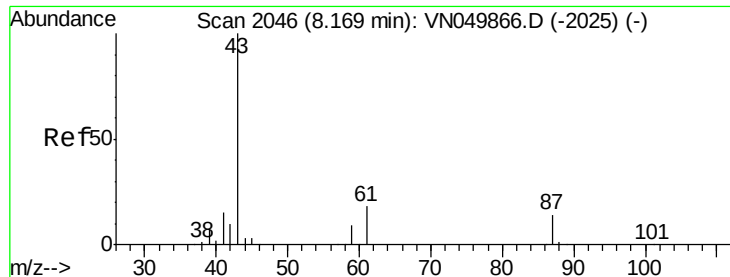
Tot Ion: 41 Resp: 68508
Ion Ratio Lower Upper
41 100
39 64.3 45.4 68.2
67 92.5 65.4 98.0
52 39.1 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 19.72 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 62 Resp: 209640
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0





#43

Isopropyl Acetate

Concen: 21.02 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

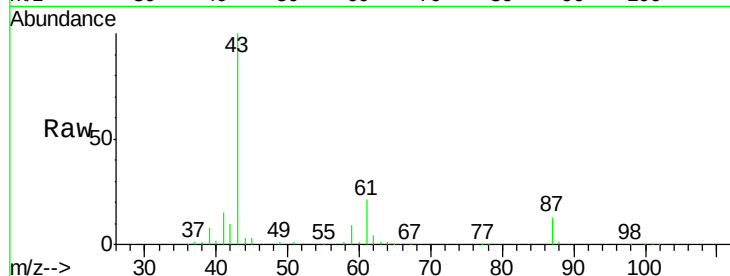
Tot Ion: 43 Resp: 265516

Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

87 13.5 10.0 15.0



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

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

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

8.17

150000

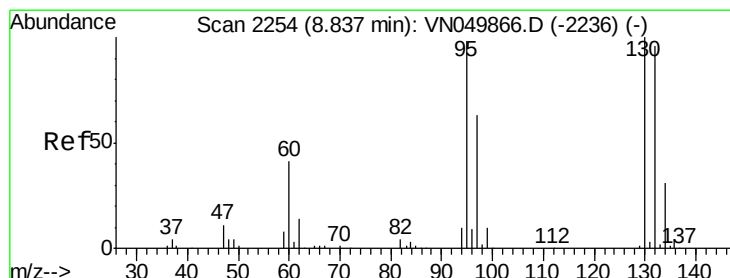
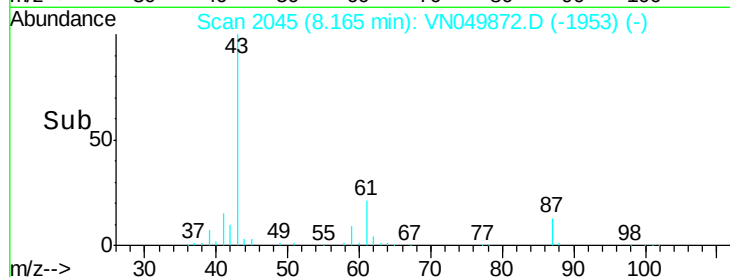
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 19.41 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049872.D

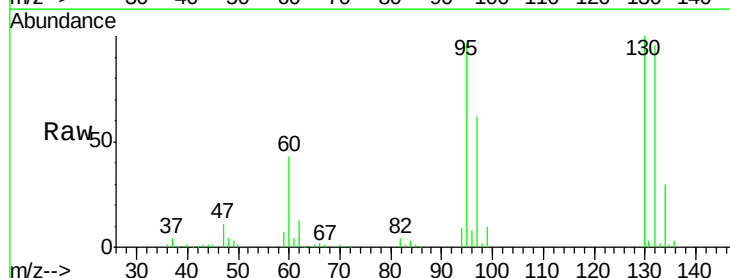
Acq: 18 Jul 2018 15:01

Tgt Ion:130 Resp: 163341

Ion Ratio Lower Upper

130 100

95 96.6 0.0 192.8



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

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

8.84

80000

60000

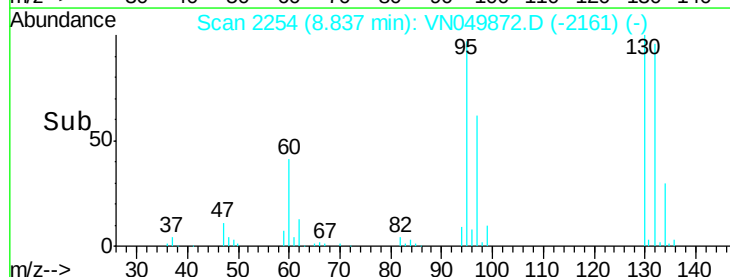
40000

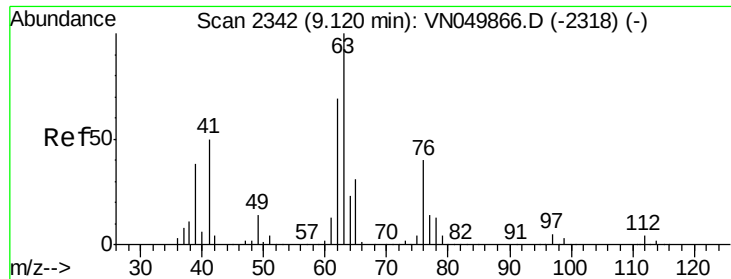
20000

0

8.80 8.90

Time-->

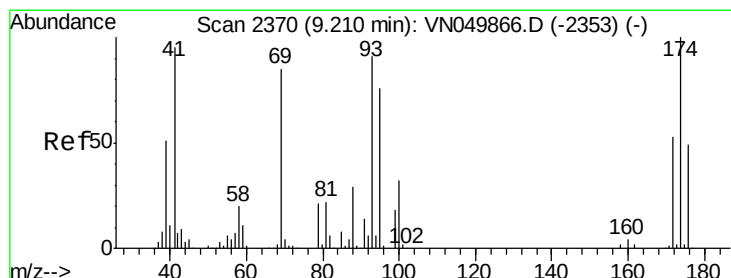
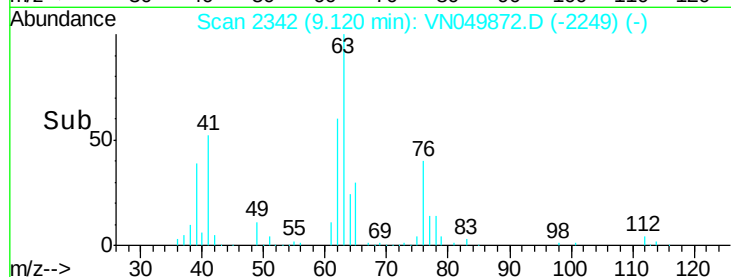
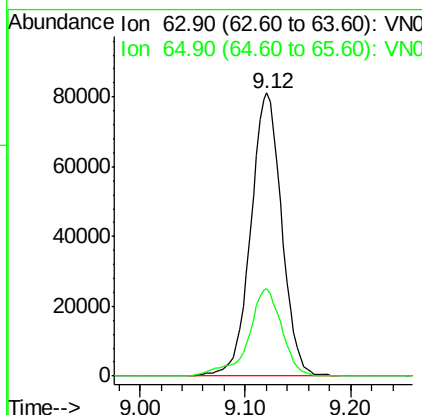
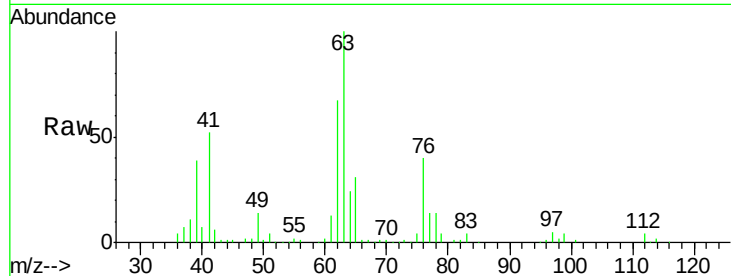




#45
 1,2-Dichloropropane
 Concen: 19.16 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

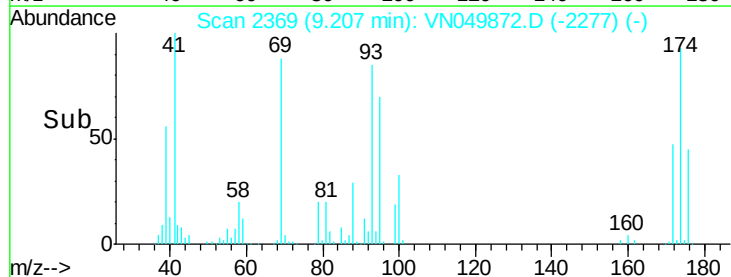
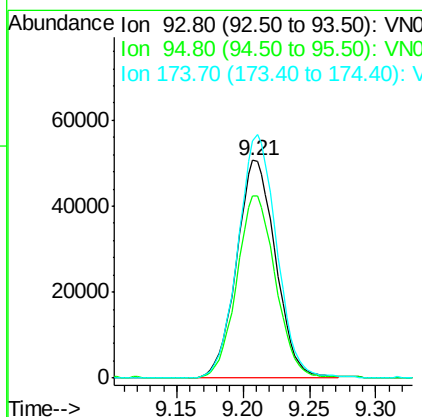
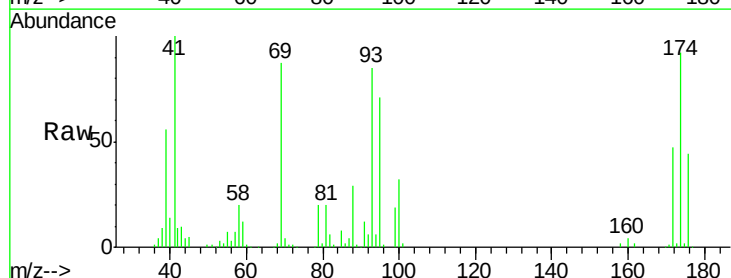
Instrument :
 MSVOA_N
 ClientSampled :

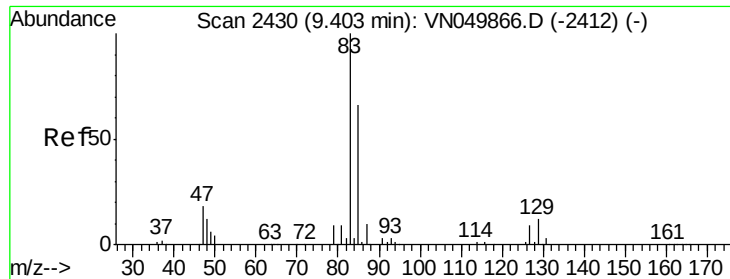
Tot Ion: 63 Resp: 165865
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 19.36 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 93 Resp: 103947
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.9 101.9
 174 111.0 89.4 134.0





#47

Bromodichloromethane

Concen: 19.59 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :

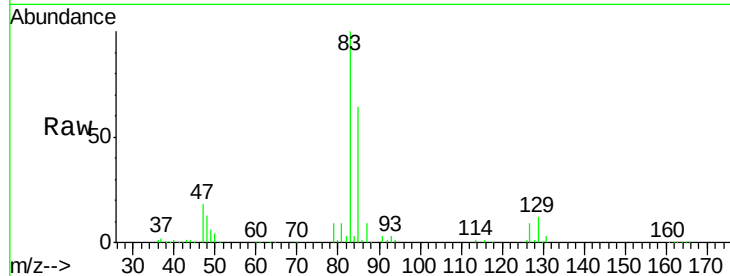
Tot Ion: 83 Resp: 217541

Ion Ratio Lower Upper

83 100

85 64.2 50.5 75.7

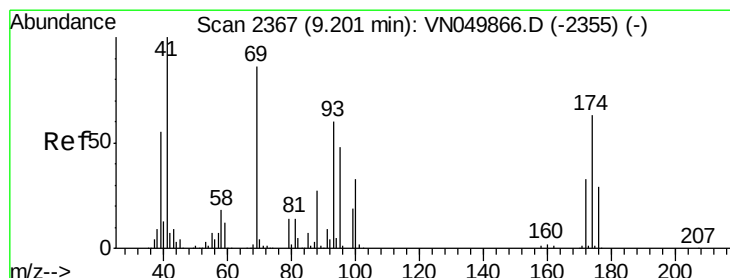
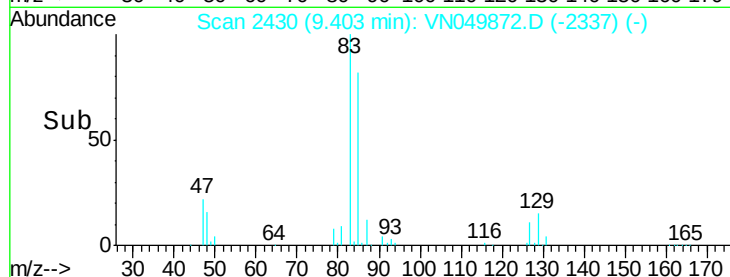
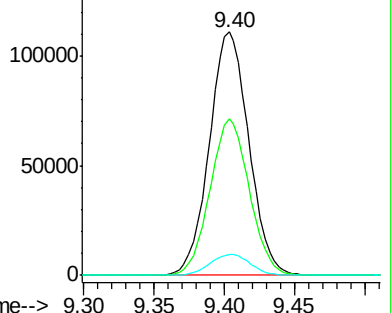
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049872.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049872.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049872.D (-2337) (-)



#48

Methyl methacrylate

Concen: 20.28 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

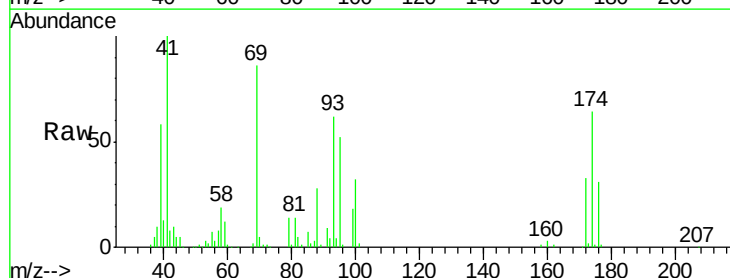
Tgt Ion: 41 Resp: 128542

Ion Ratio Lower Upper

41 100

69 87.3 71.5 107.3

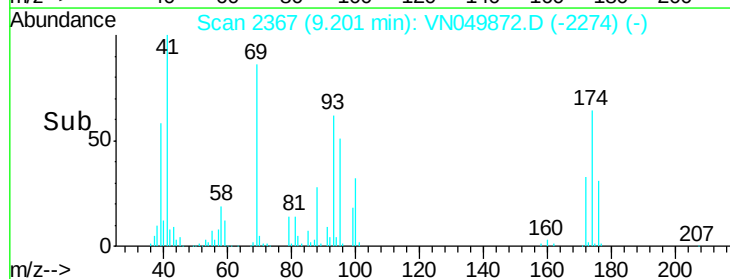
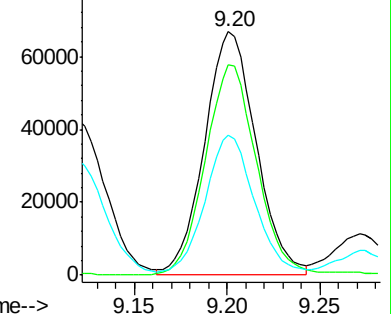
39 55.4 44.7 67.1

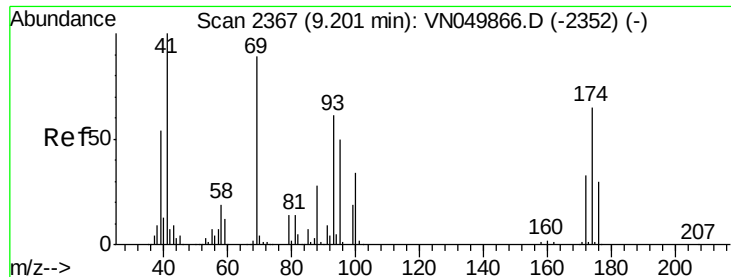


Abundance Ion 41.00 (40.70 to 41.70): VN049872.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049872.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049872.D (-2274) (-)

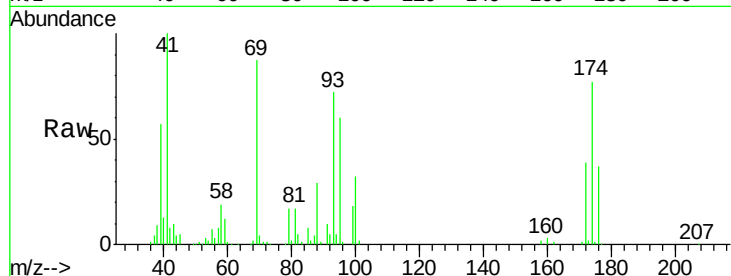




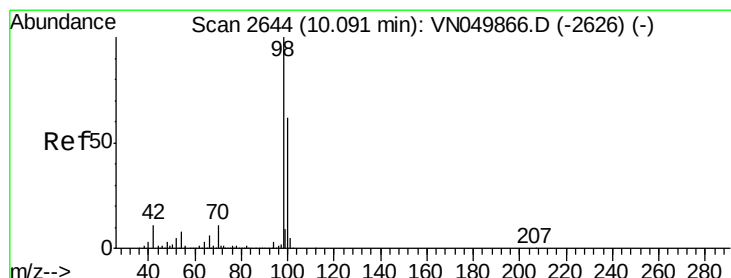
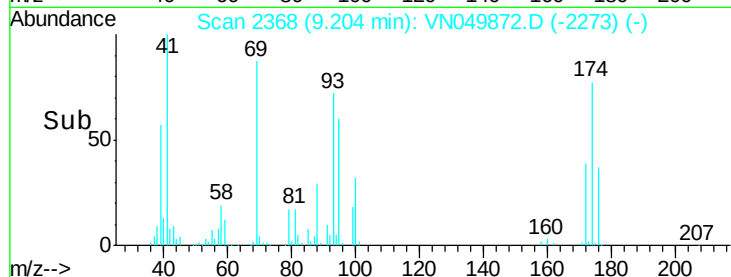
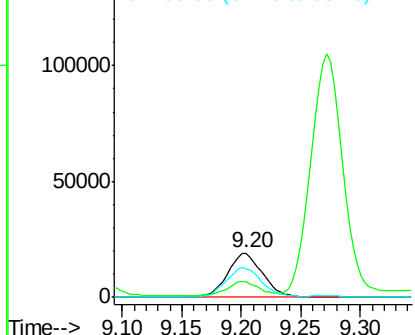
#49
1,4-Dioxane
Concen: 433.73 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 38992
Ion Ratio Lower Upper
88 100
43 30.3 25.1 37.7
58 68.4 52.5 78.7

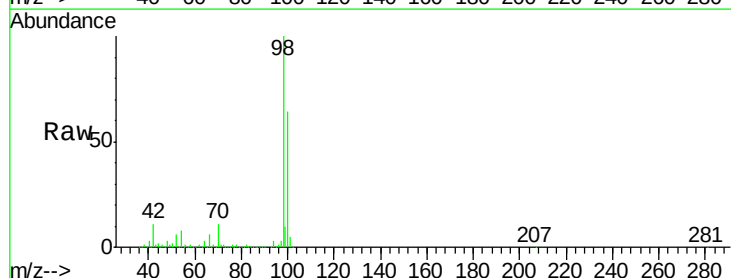


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

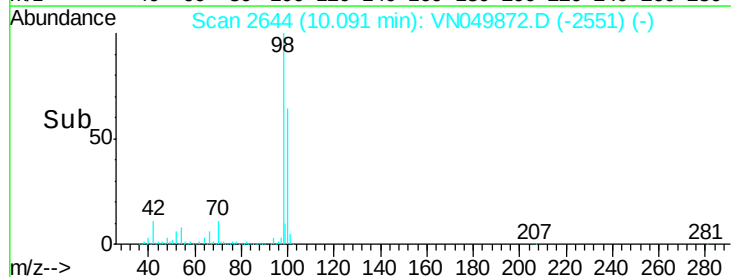
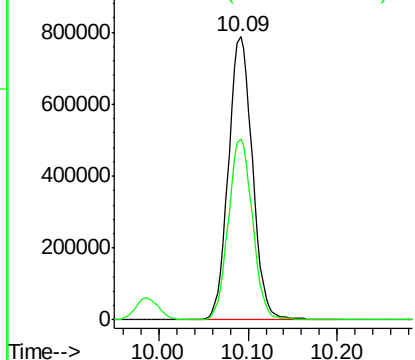


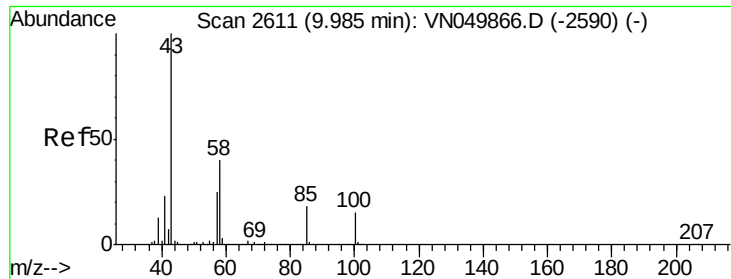
#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 98 Resp: 1470522
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



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

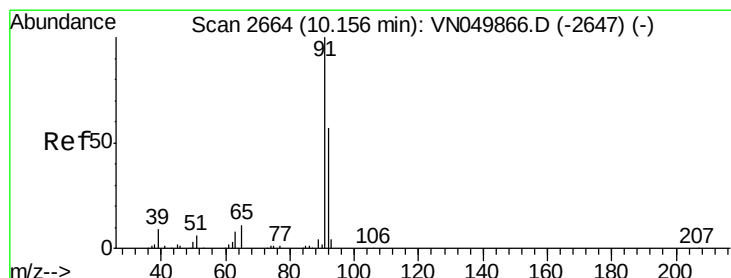
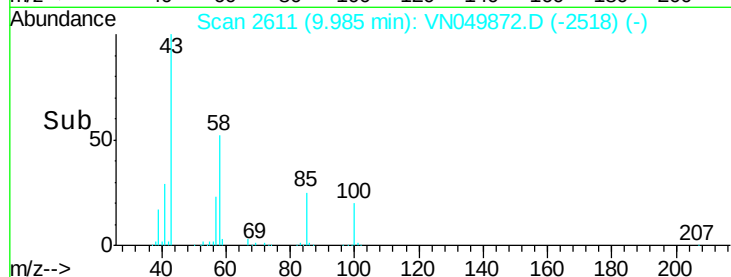
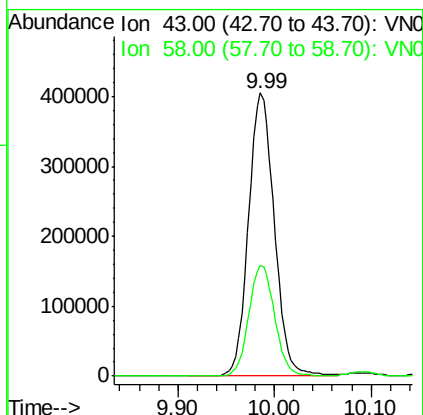
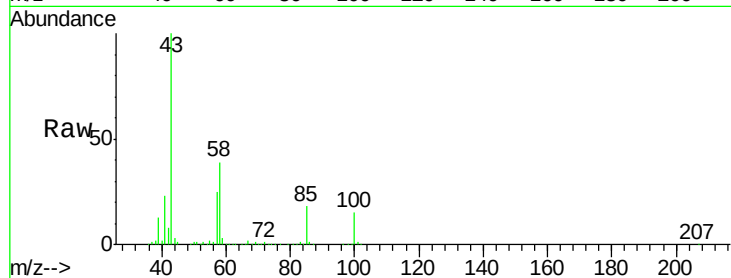




#51
4-Methyl-2-Pentanone
Concen: 106.15 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

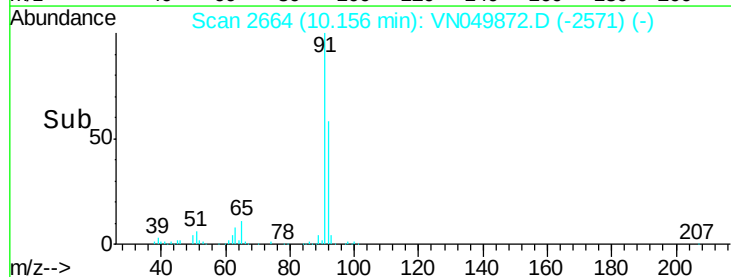
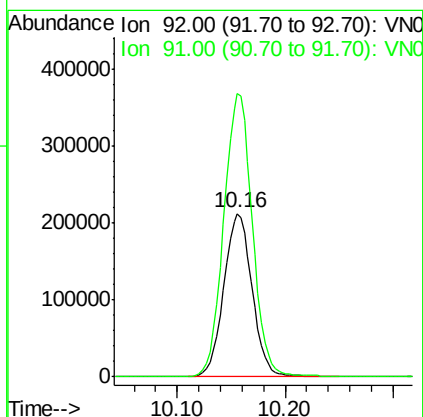
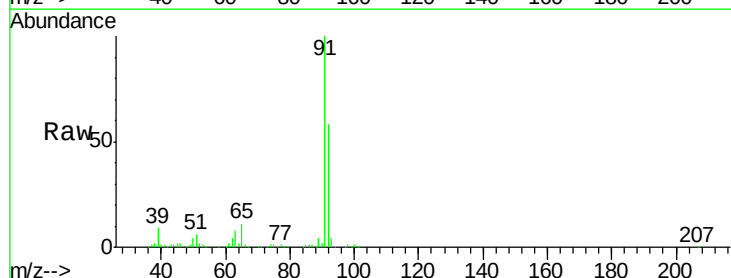
Instrument :
MSVOA_N
ClientSampled :

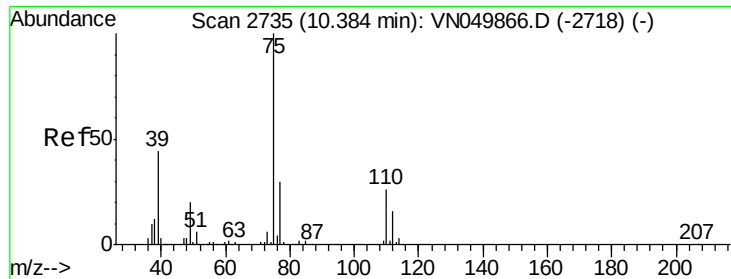
Tot Ion: 43 Resp: 749612
Ion Ratio Lower Upper
43 100
58 39.3 31.8 47.8



#52
Toluene
Concen: 20.30 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 92 Resp: 388629
Ion Ratio Lower Upper
92 100
91 174.8 140.1 210.1

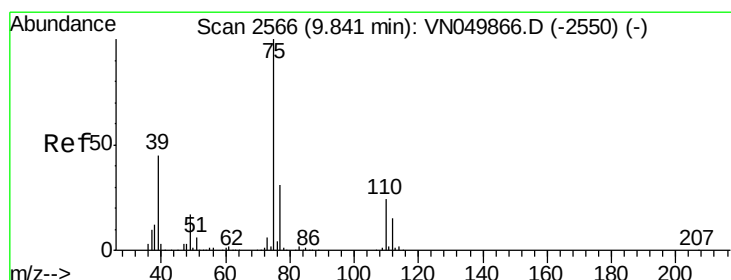
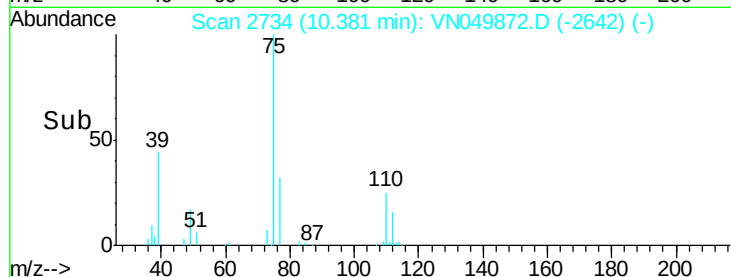
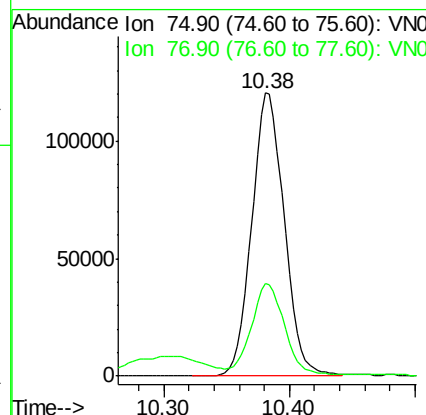
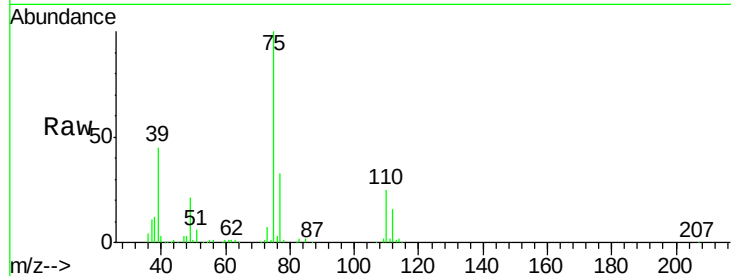




#53
 t-1,3-Dichloropropene
 Concen: 19.82 ug/l
 RT: 10.38 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

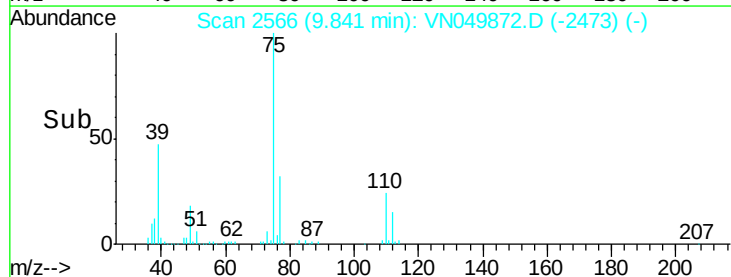
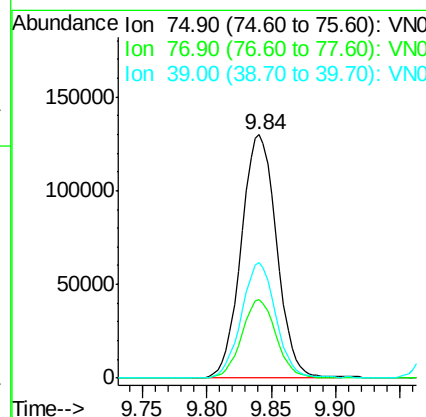
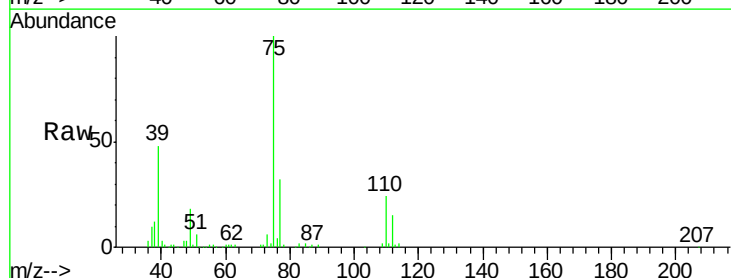
Instrument :
 MSVOA_N
 ClientSampled :

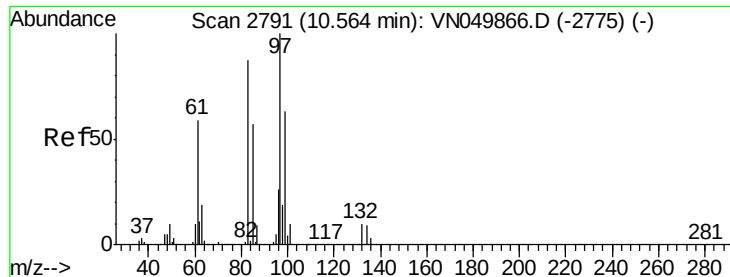
Tot Ion: 75 Resp: 217631
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.48 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 75 Resp: 248491
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 47.4 35.5 53.3

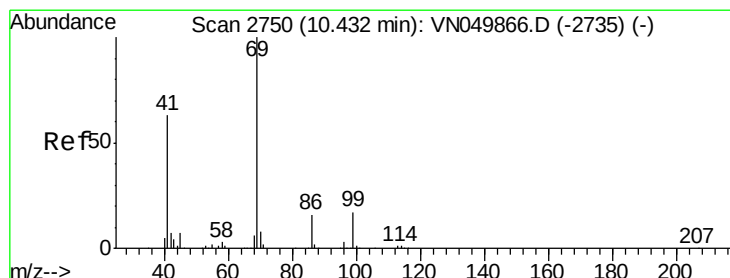
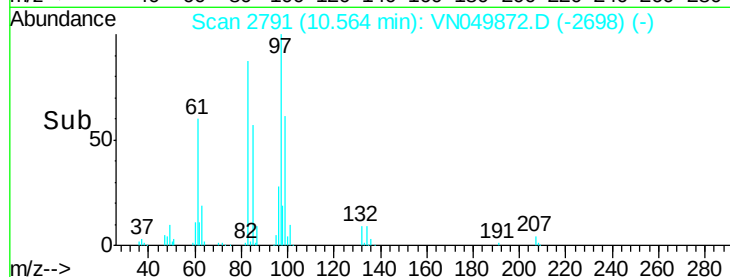
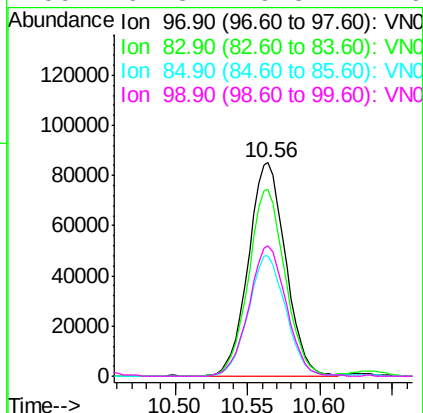
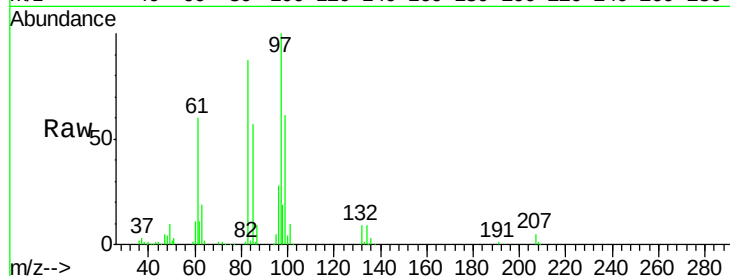




#55
 1,1,2-Trichloroethane
 Concen: 19.28 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

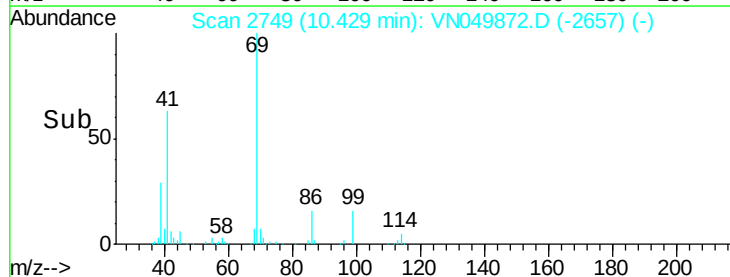
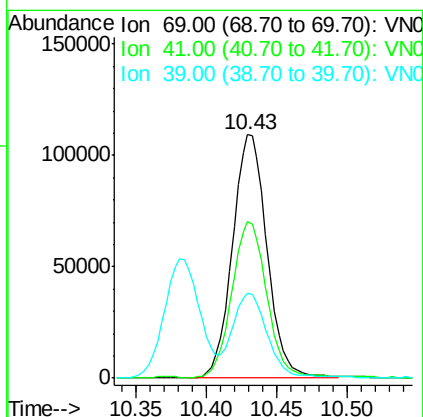
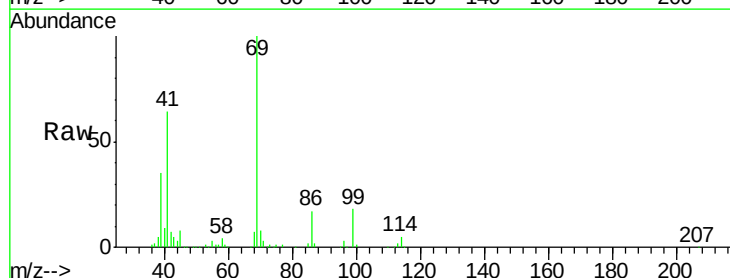
Instrument :
 MSVOA_N
 ClientSampleId :

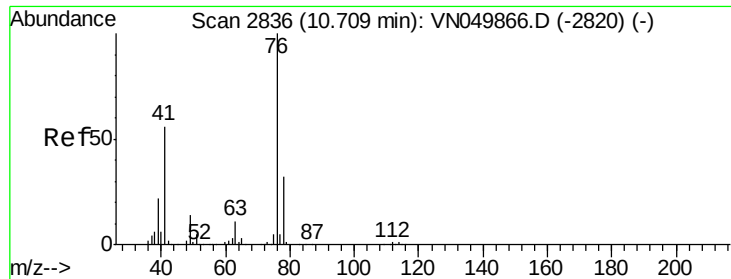
Tot Ion:	97	Resp:	152460
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.6
85	56.6	44.9	67.3
99	61.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.07 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion:	69	Resp:	187716
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.6	77.4
39	34.3	25.8	38.8





#57

1,3-Dichloropropane

Concen: 19.95 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

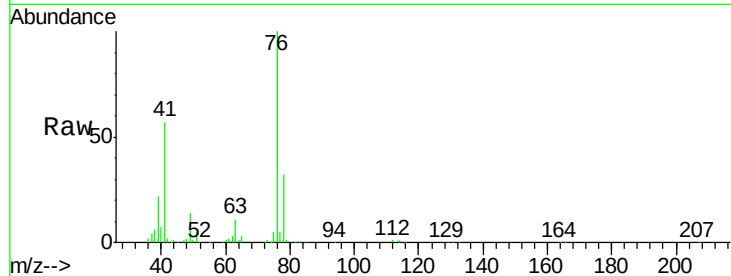
ClientSampled :

Tot Ion: 76 Resp: 248540

Ion Ratio Lower Upper

76 100

78 32.2 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

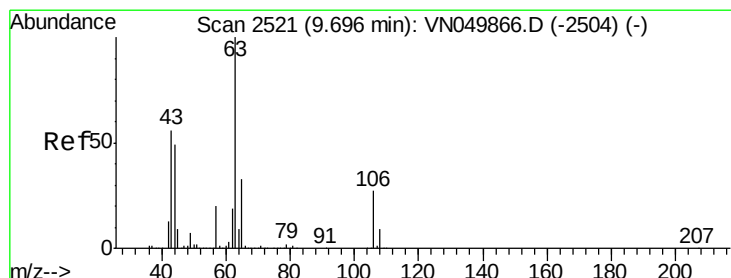
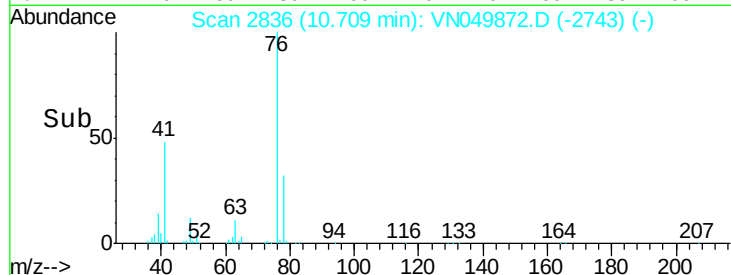
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 110.27 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049872.D

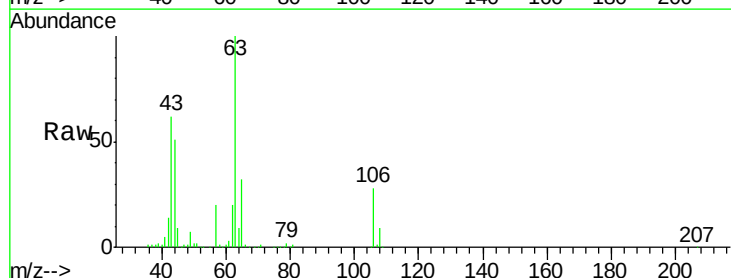
Acq: 18 Jul 2018 15:01

Tgt Ion: 63 Resp: 464596

Ion Ratio Lower Upper

63 100

106 27.3 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

300000

250000

200000

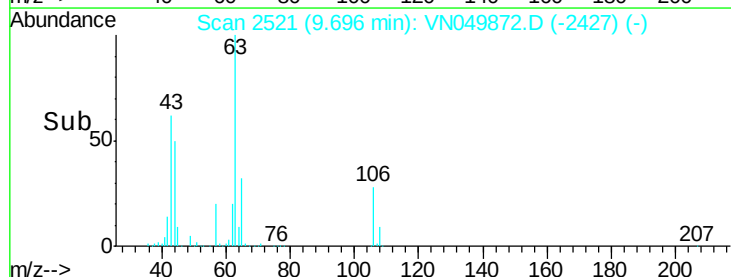
150000

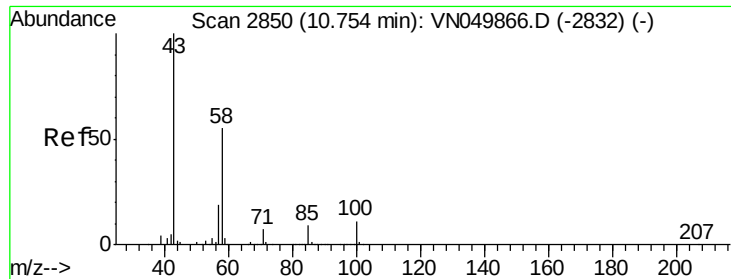
100000

50000

0

Time--> 9.60 9.70 9.80

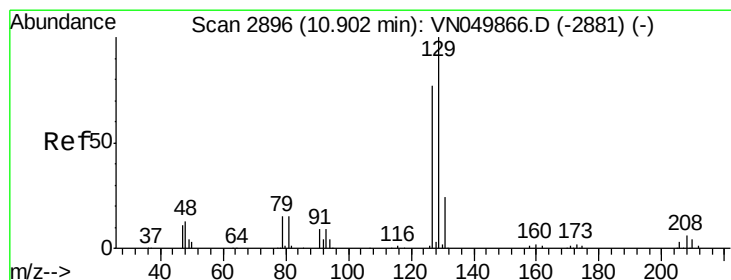
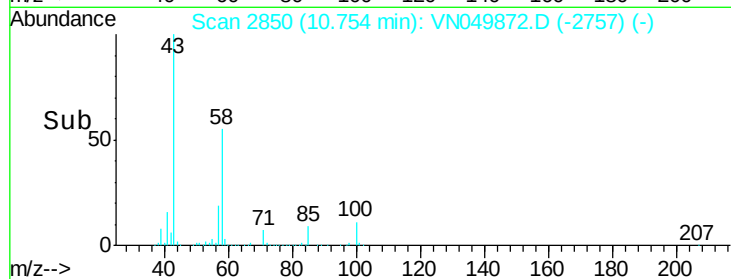
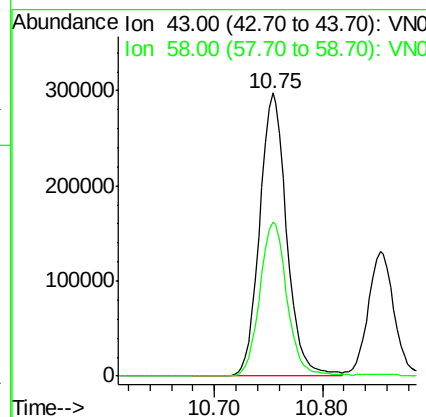
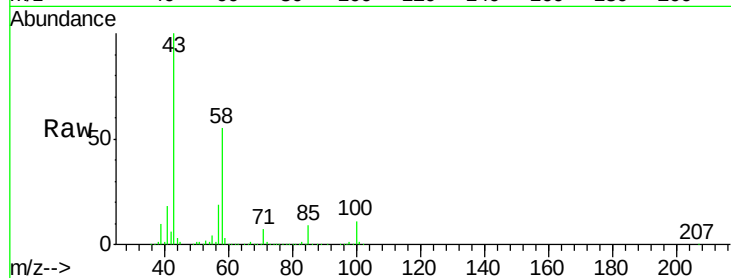




#59
2-Hexanone
Concen: 108.35 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

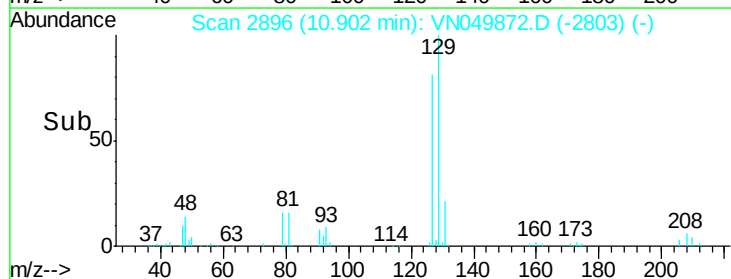
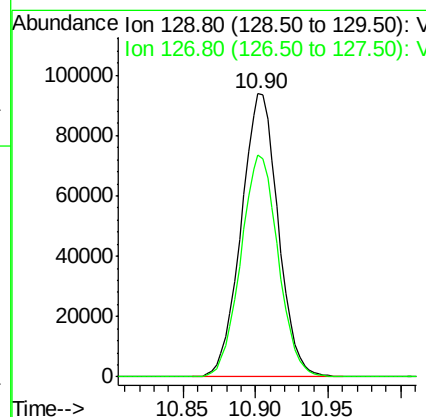
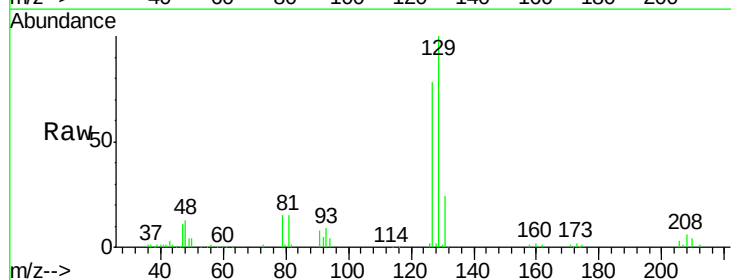
Instrument :
MSVOA_N
ClientSampled :

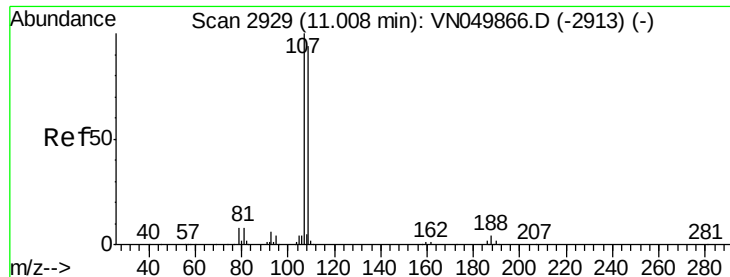
Tot Ion: 43 Resp: 513976
Ion Ratio Lower Upper
43 100
58 55.1 27.8 83.4



#60
Dibromochloromethane
Concen: 19.21 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 129 Resp: 166622
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9

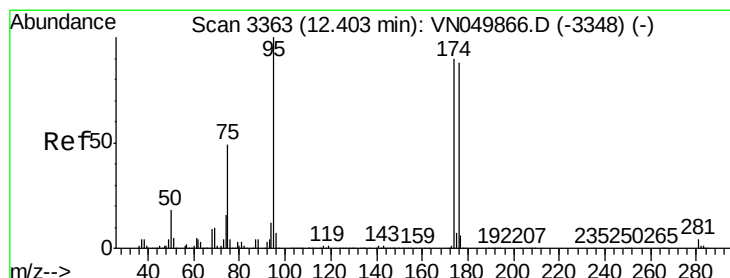
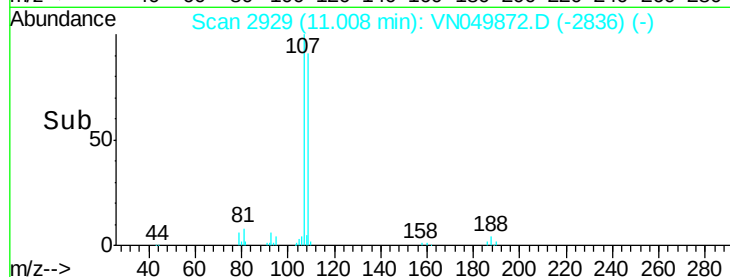
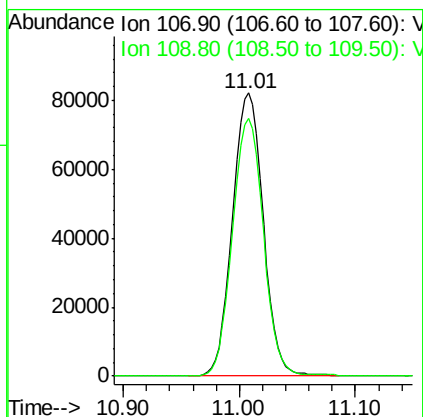
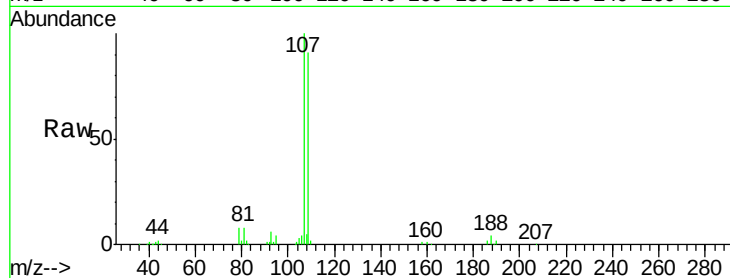




#61
 1,2-Dibromoethane
 Concen: 20.39 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

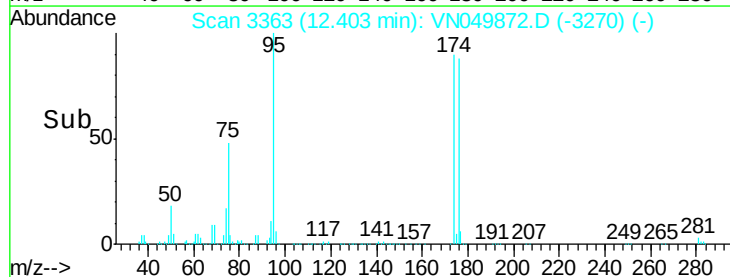
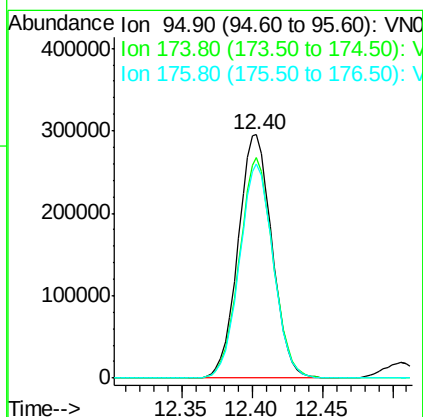
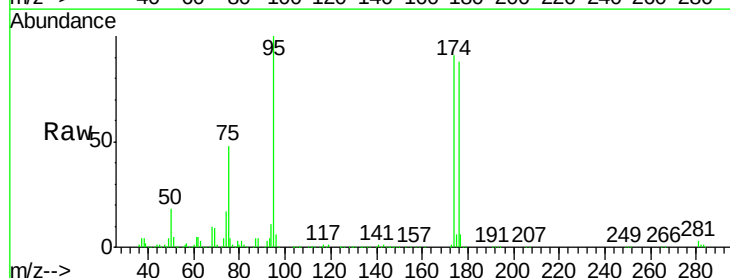
Instrument :
 MSVOA_N
 ClientSampleId :

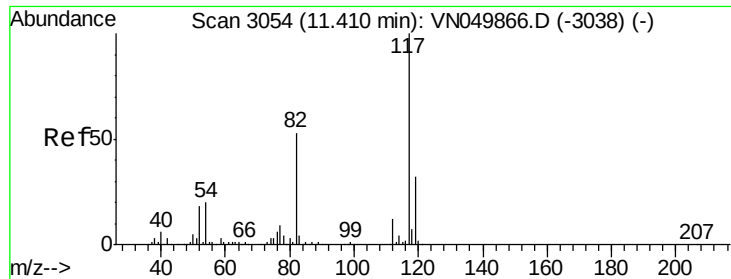
Tot Ion: 107 Resp: 150721
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.89 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 95 Resp: 497792
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 179.6
 176 87.1 0.0 174.0

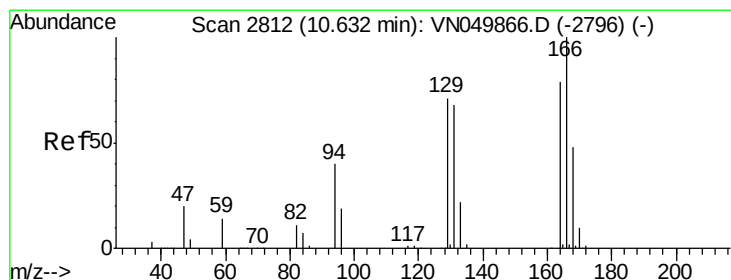
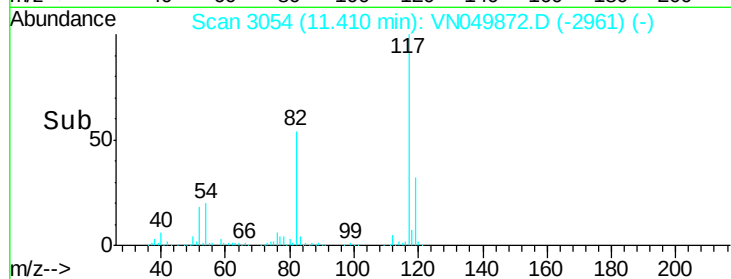
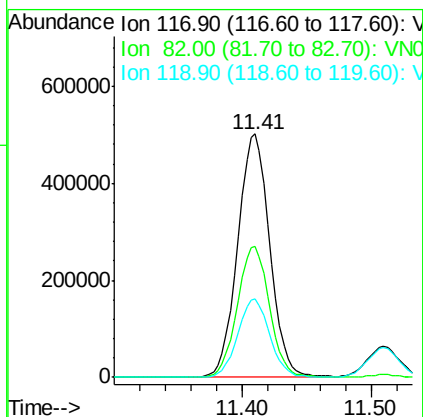
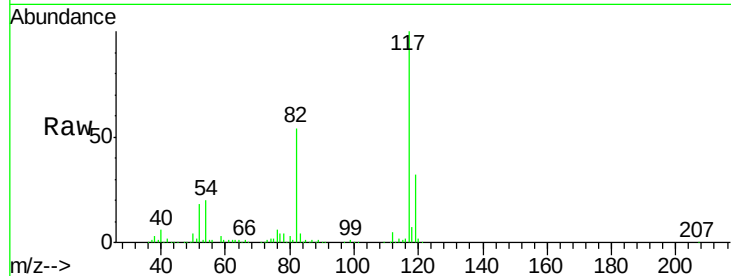




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

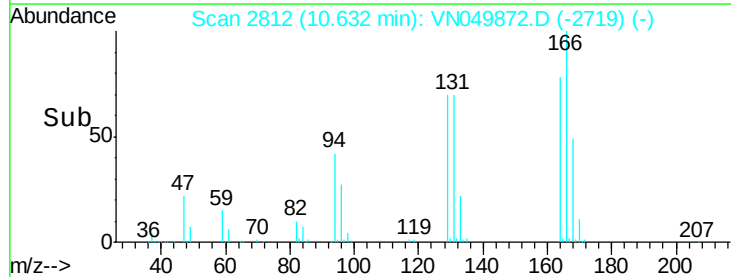
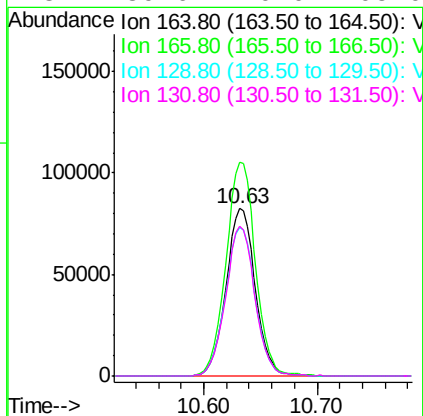
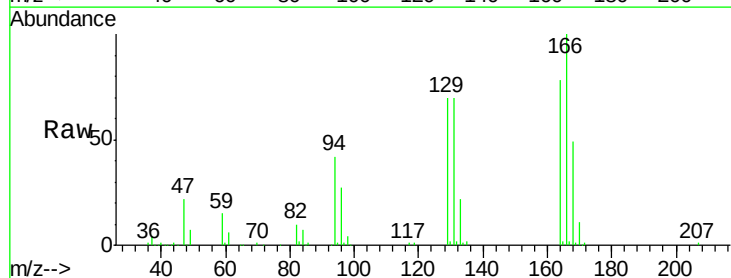
Instrument :
MSVOA_N
ClientSampleId :

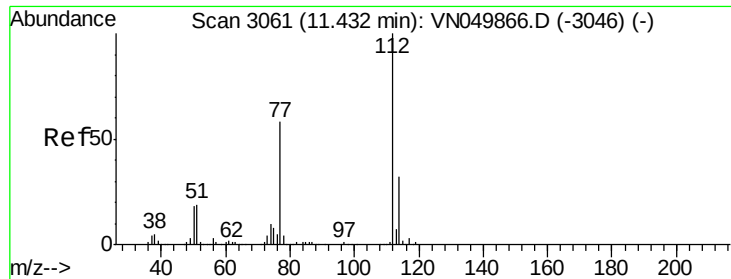
Tot Ion:117 Resp: 868380
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 18.97 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion:164 Resp: 148002
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.6
129 89.1 72.8 109.2
131 89.6 70.0 105.0

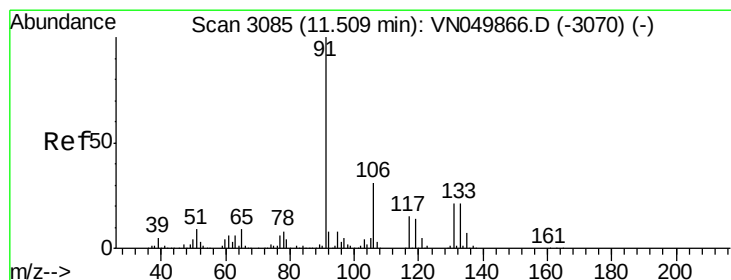
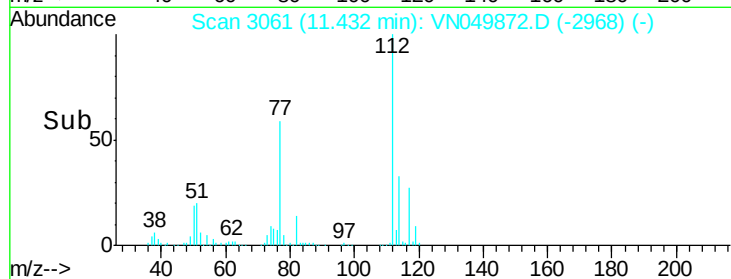
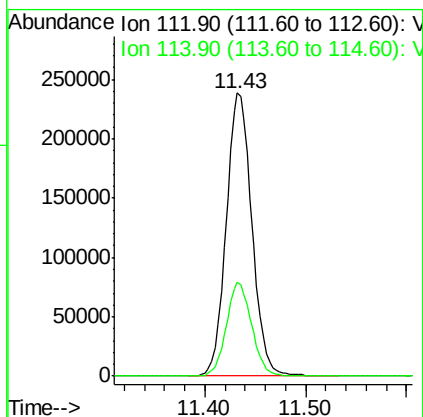
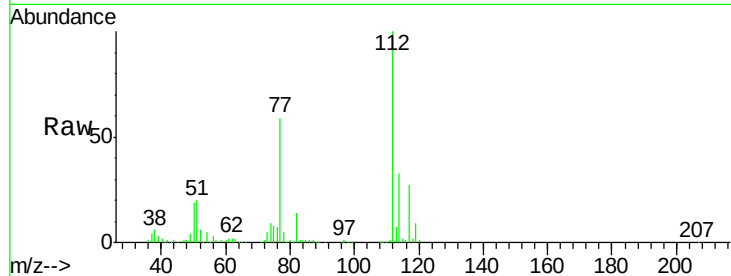




#65
Chlorobenzene
Concen: 19.38 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

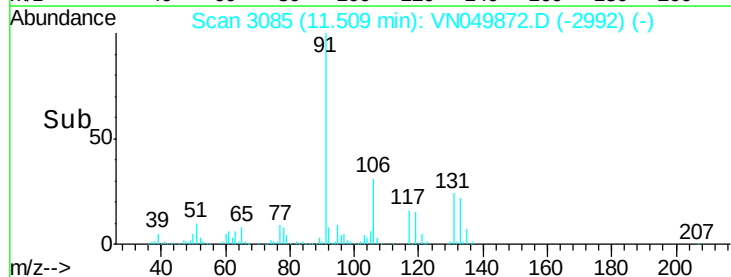
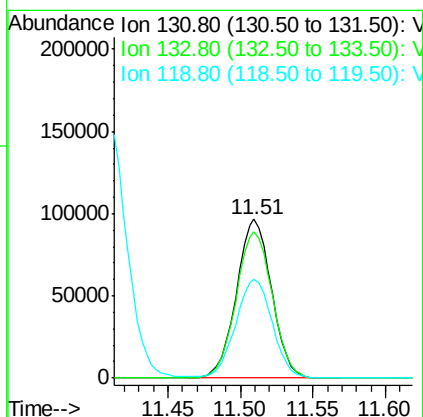
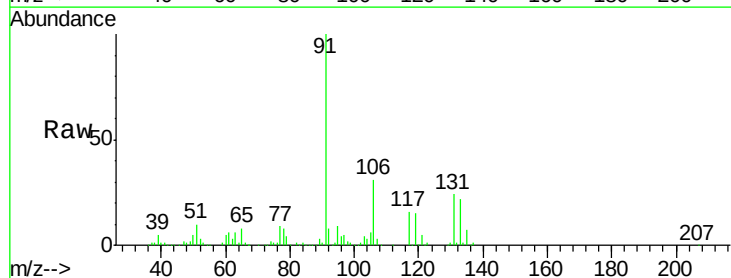
Instrument :
MSVOA_N
ClientSampled :

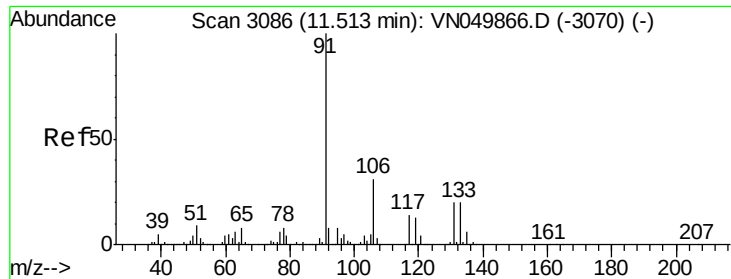
Tot Ion:112 Resp: 422764
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.26 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion:131 Resp: 162737
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.1 33.1 99.3

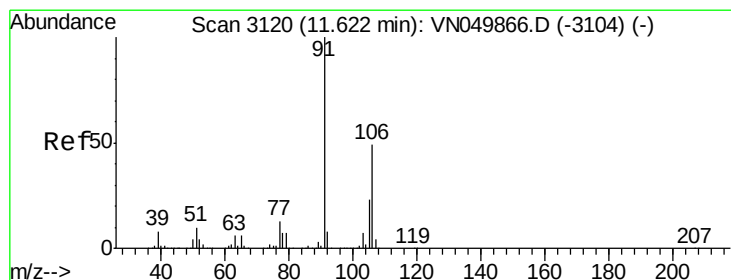
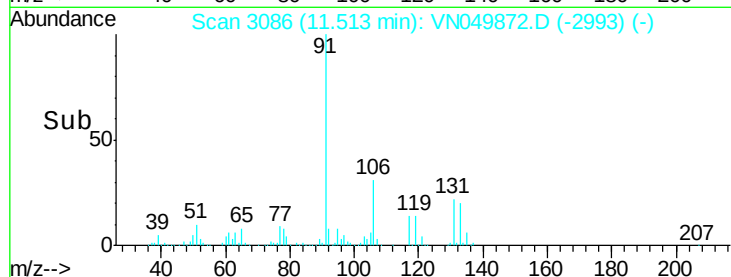
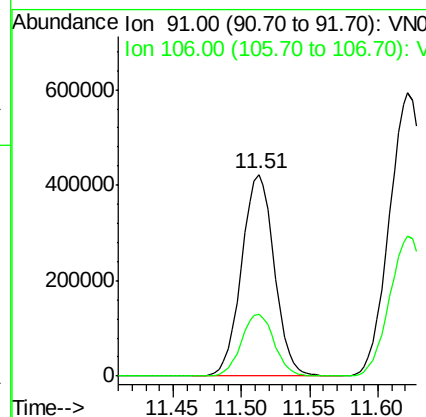
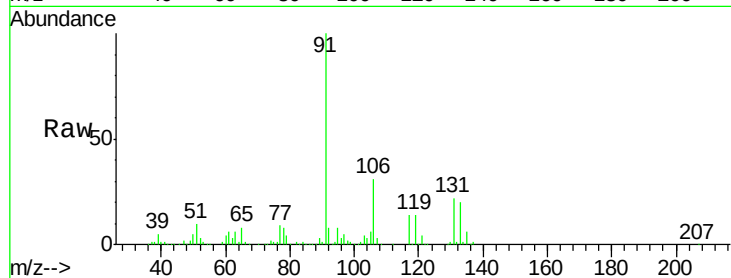




#67
Ethyl Benzene
Concen: 19.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

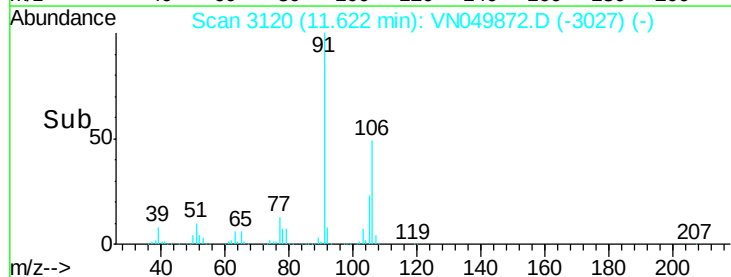
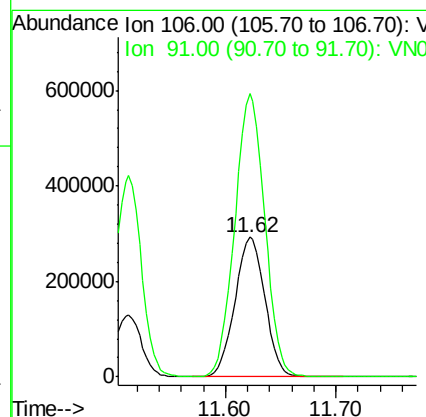
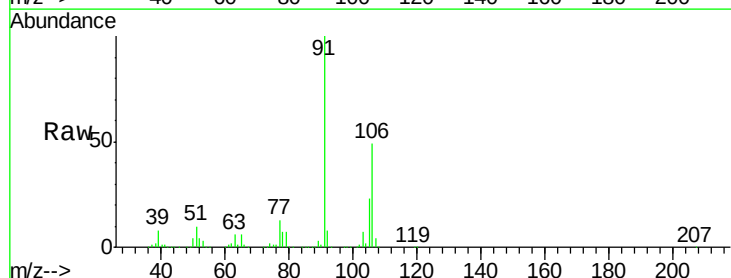
Instrument :
MSVOA_N
ClientSampled :

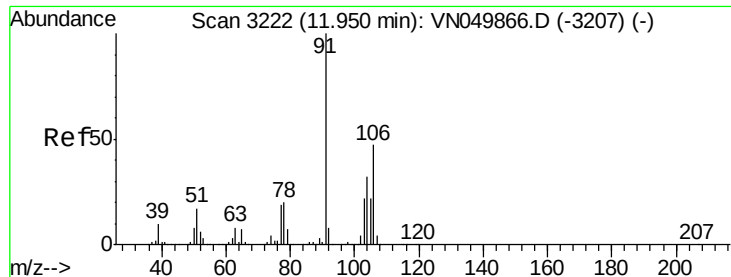
Tot Ion: 91 Resp: 706040
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 41.09 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 106 Resp: 550511
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

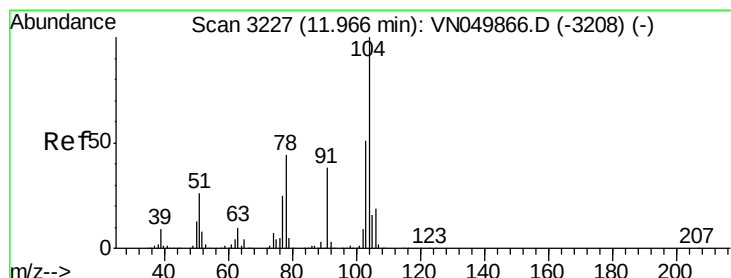
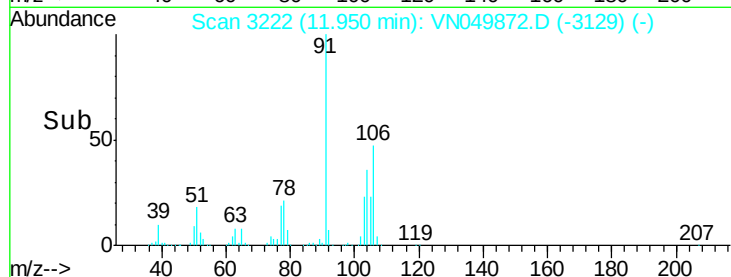
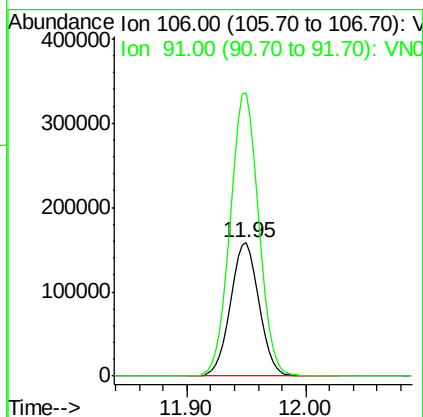
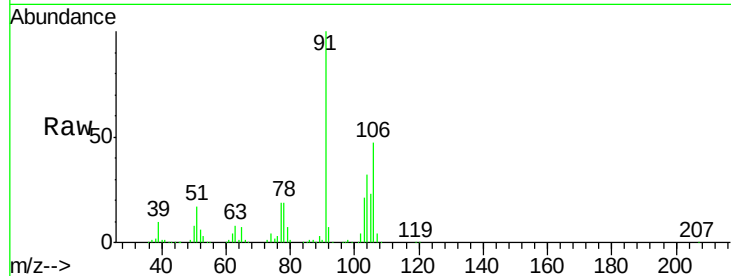




#69
o-Xylene
Concen: 20.45 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

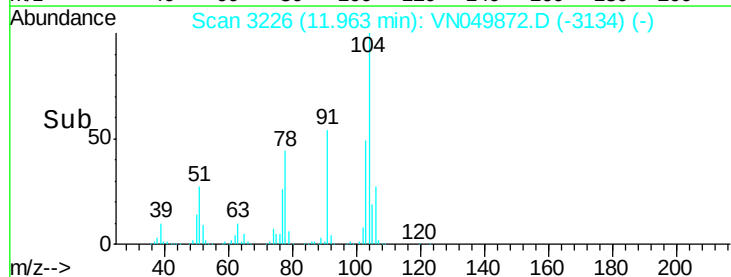
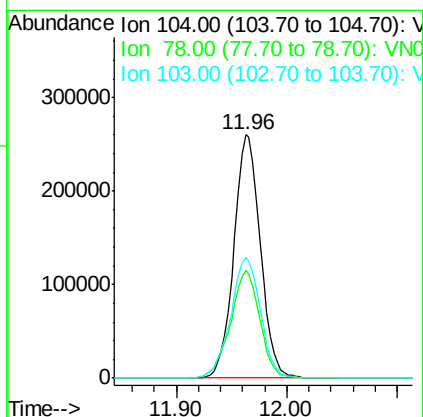
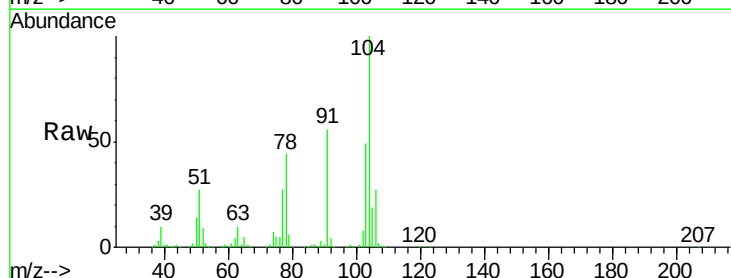
Instrument :
MSVOA_N
ClientSampleId :

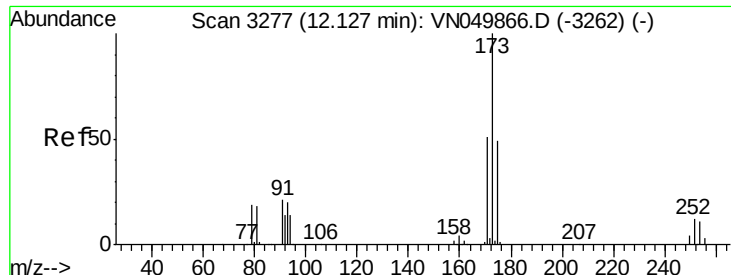
Tot Ion:106 Resp: 263167
Ion Ratio Lower Upper
106 100
91 212.3 108.7 326.1



#70
Styrene
Concen: 20.81 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion:104 Resp: 433744
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.6 44.6 67.0

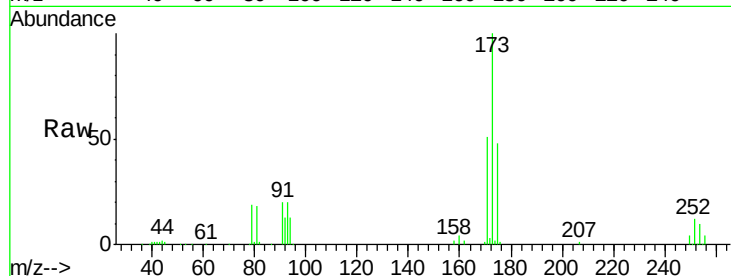




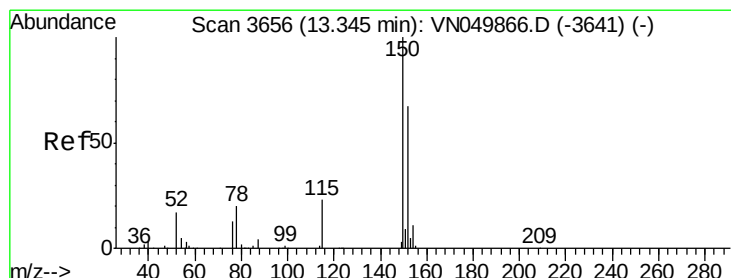
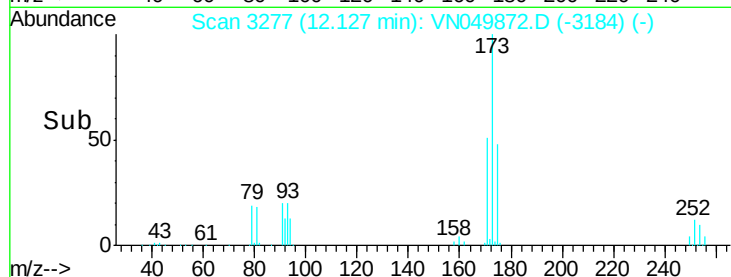
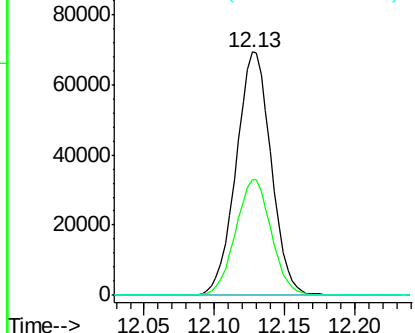
#71
Bromoform
Concen: 19.96 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 120650
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.2 0.2#

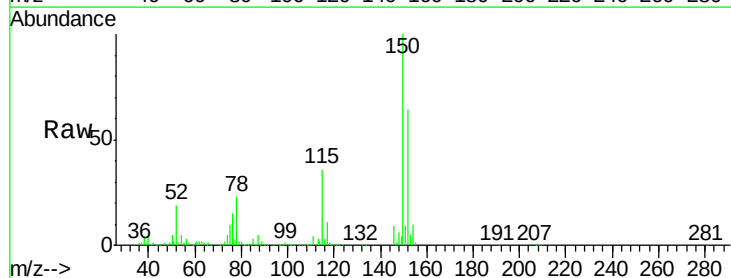


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

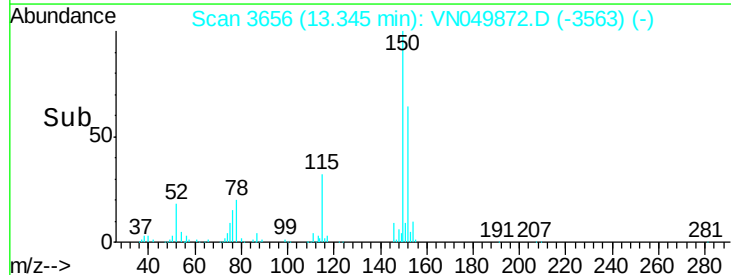
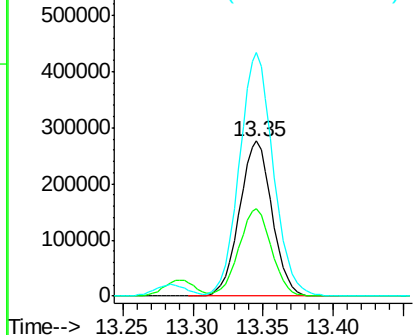


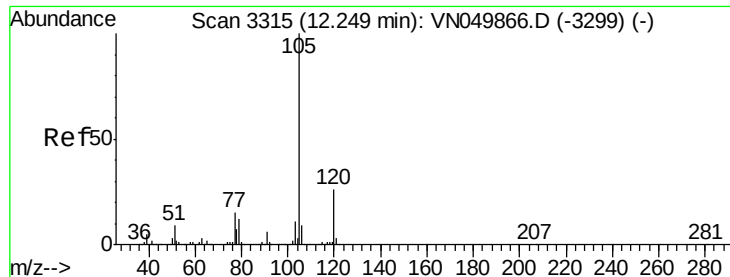
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion:152 Resp: 446088
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 163.5 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: 20.69 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

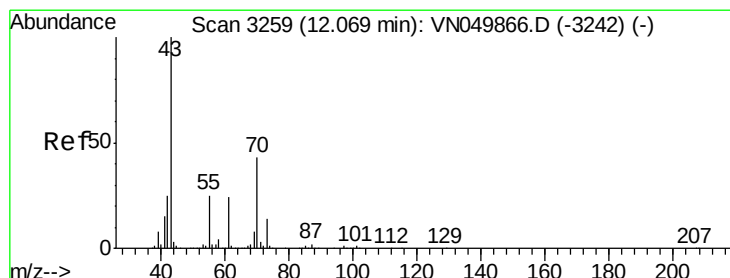
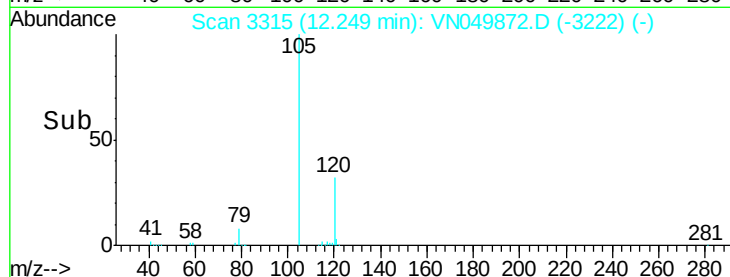
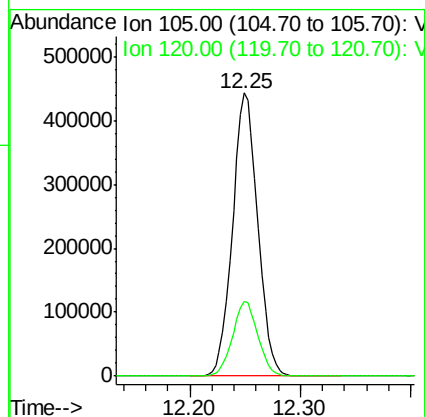
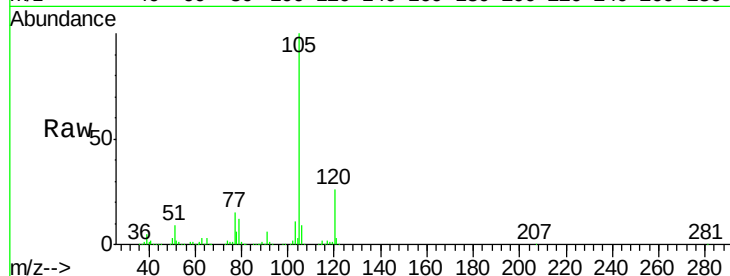
ClientSampleId :

Tot Ion:105 Resp: 701175

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 21.01 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion: 43 Resp: 216690

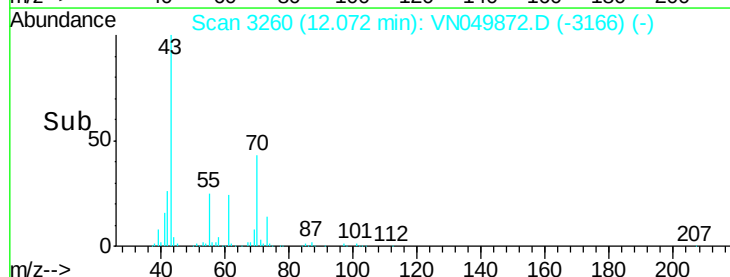
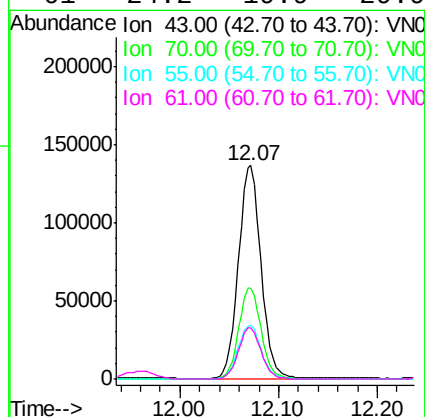
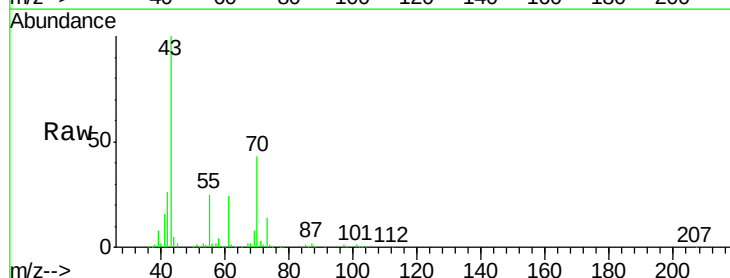
Ion Ratio Lower Upper

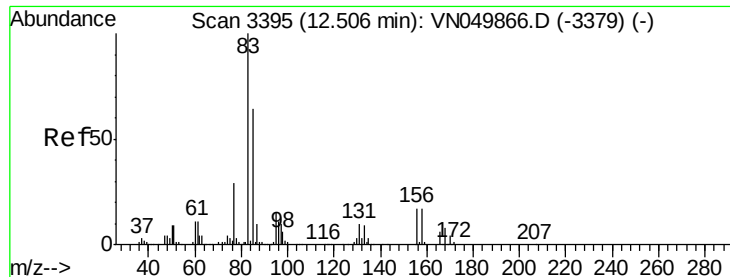
43 100

70 42.6 34.8 52.2

55 25.9 20.9 31.3

61 24.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.87 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

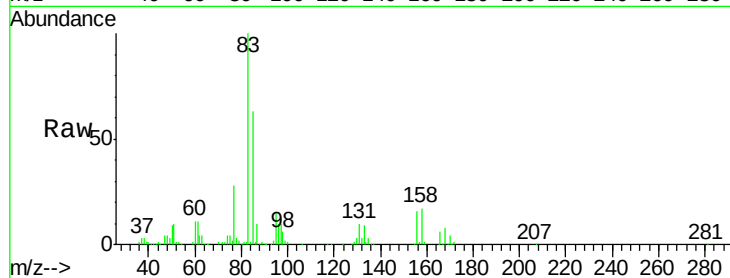
Tot Ion: 83 Resp: 201692

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

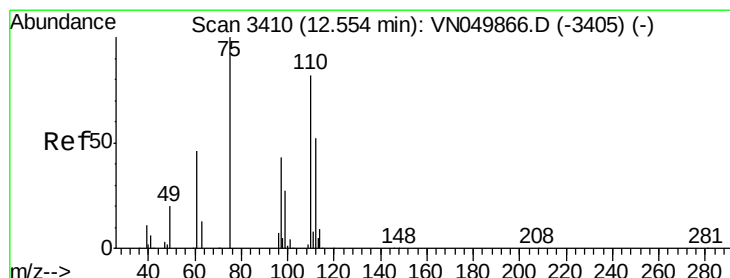
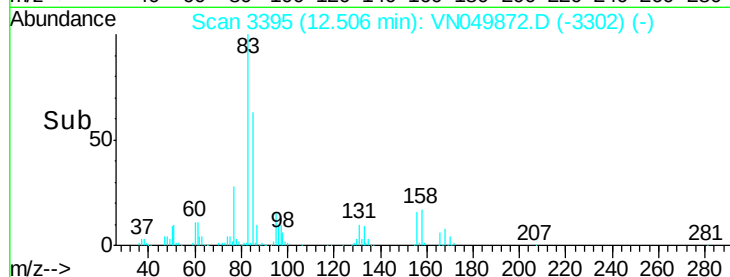
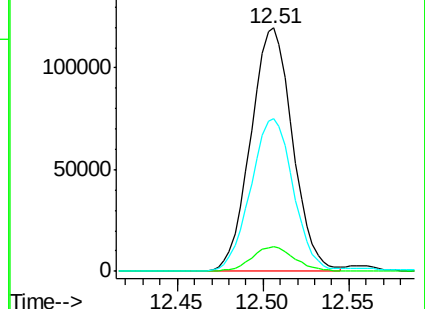
85 63.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049872.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049872.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049872.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 28.70 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049872.D

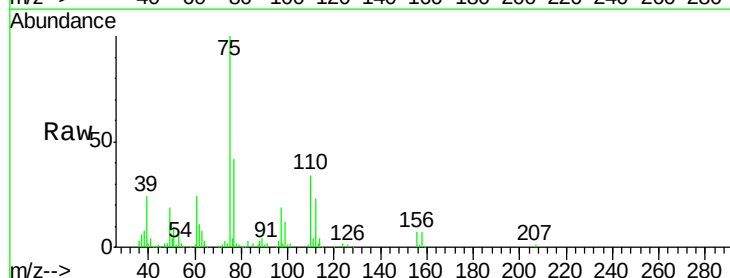
Acq: 18 Jul 2018 15:01

Tgt Ion: 75 Resp: 240133

Ion Ratio Lower Upper

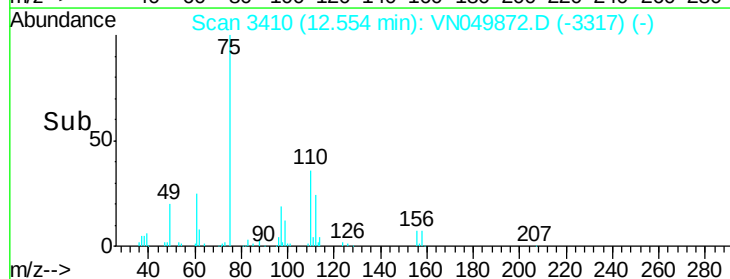
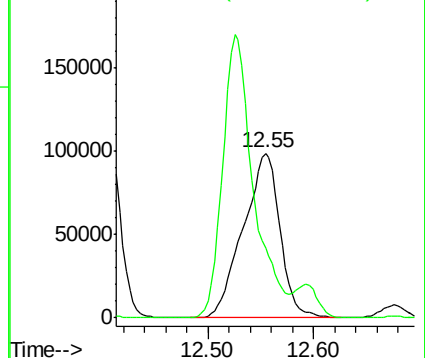
75 100

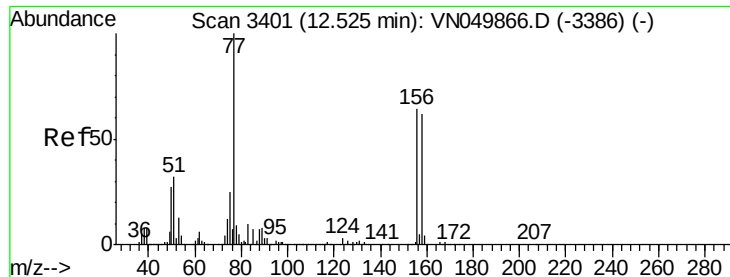
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049872.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049872.D (-3317) (-)





#77

Bromobenzene

Concen: 19.90 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

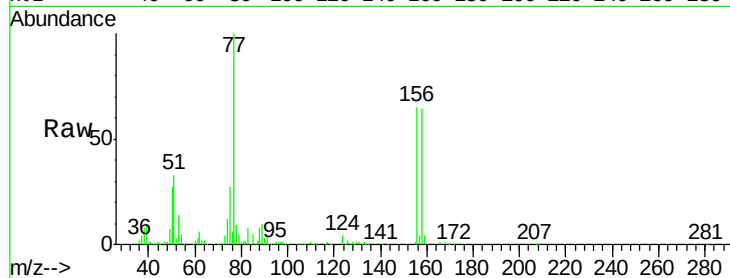
Tot Ion:156 Resp: 186176

Ion Ratio Lower Upper

156 100

77 184.5 90.2 270.6

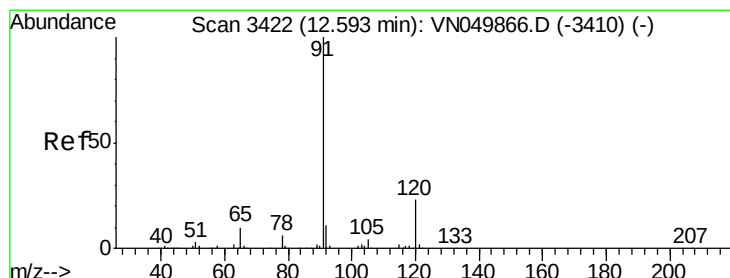
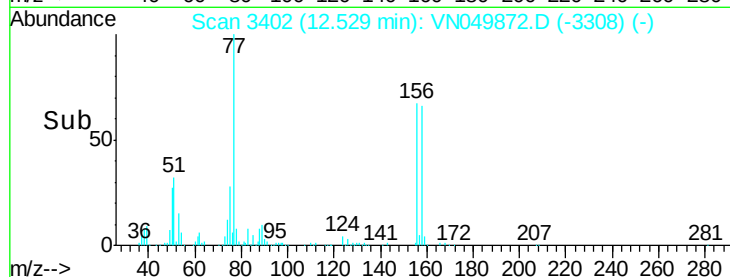
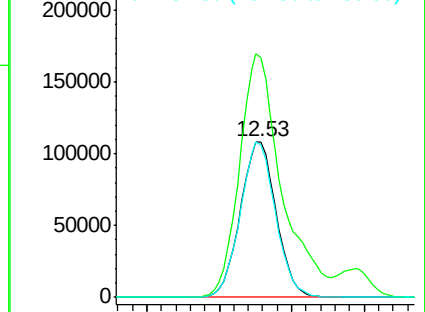
158 98.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.84 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049872.D

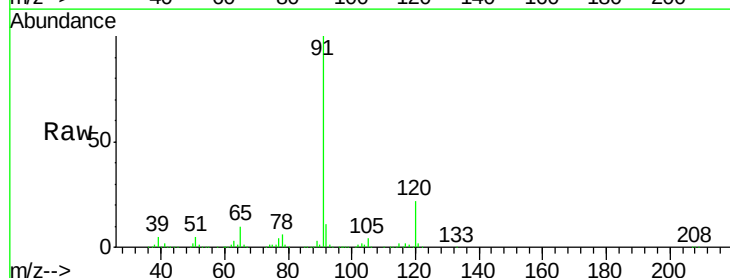
Acq: 18 Jul 2018 15:01

Tgt Ion: 91 Resp: 802924

Ion Ratio Lower Upper

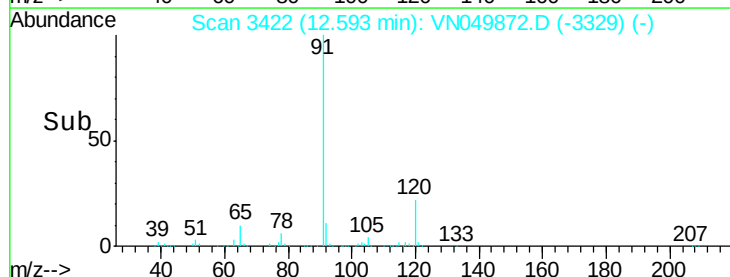
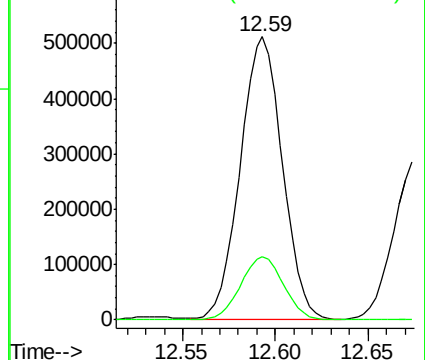
91 100

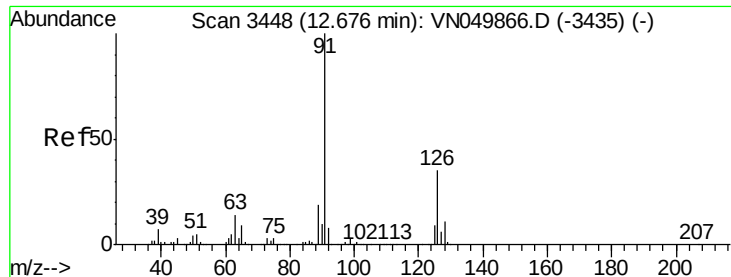
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.66 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

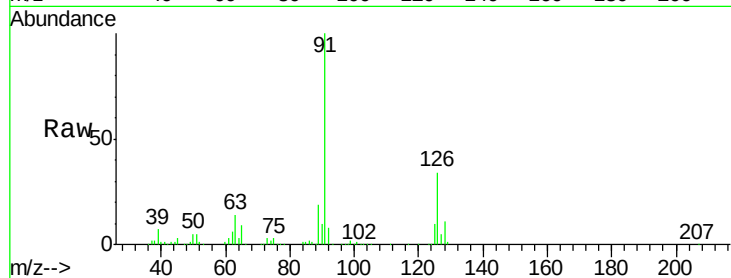
ClientSampled :

Tot Ion: 91 Resp: 488607

Ion Ratio Lower Upper

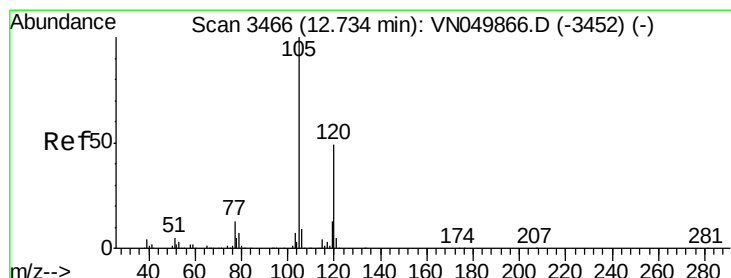
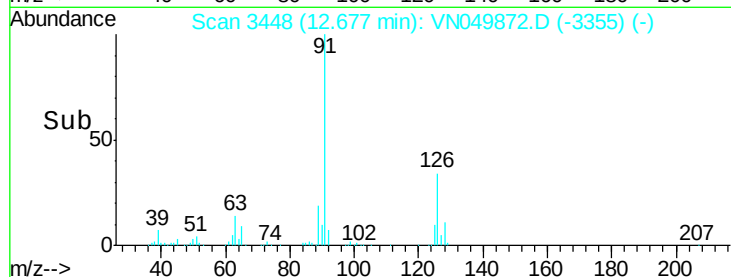
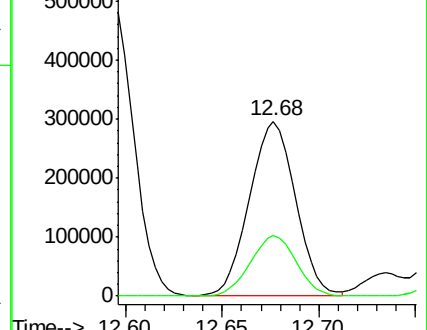
91 100

126 34.8 17.5 52.5



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

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



#80

1,3,5-Trimethylbenzene

Concen: 21.41 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049872.D

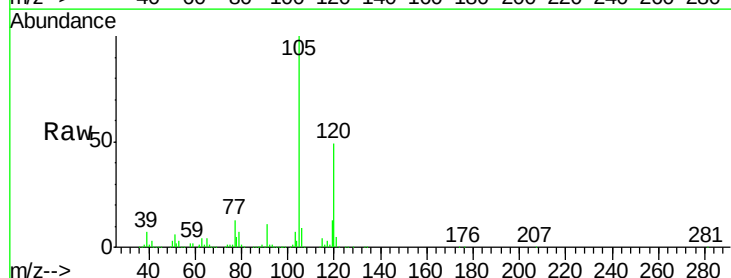
Acq: 18 Jul 2018 15:01

Tgt Ion: 105 Resp: 581447

Ion Ratio Lower Upper

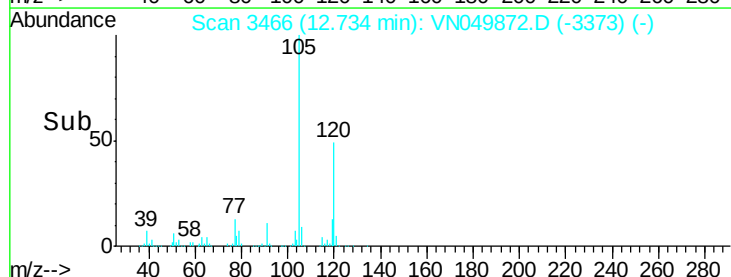
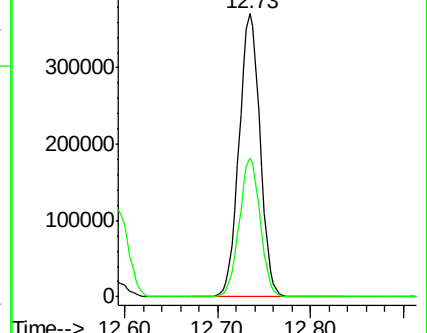
105 100

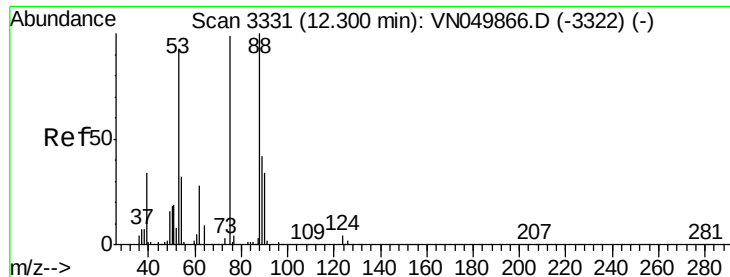
120 48.8 24.3 72.8



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.75 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

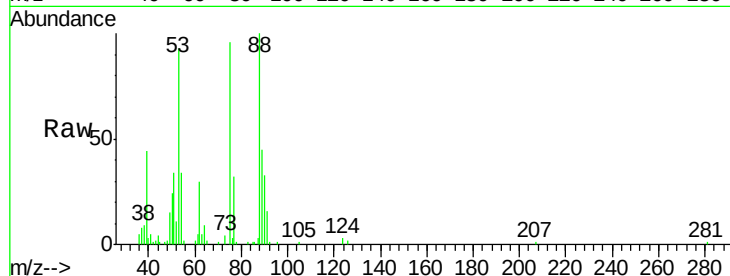
Tot Ion: 75 Resp: 52861

Ion Ratio Lower Upper

75 100

53 98.2 73.9 110.9

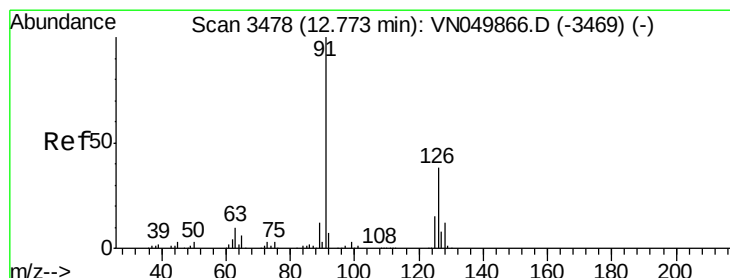
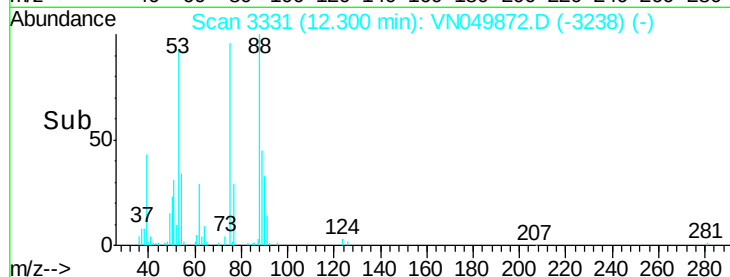
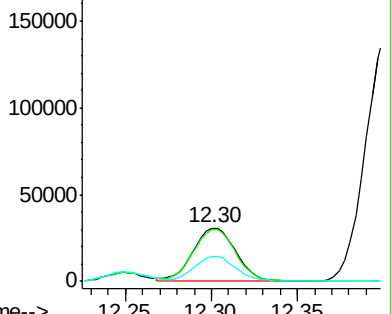
89 46.1 35.9 53.9



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: 20.96 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049872.D

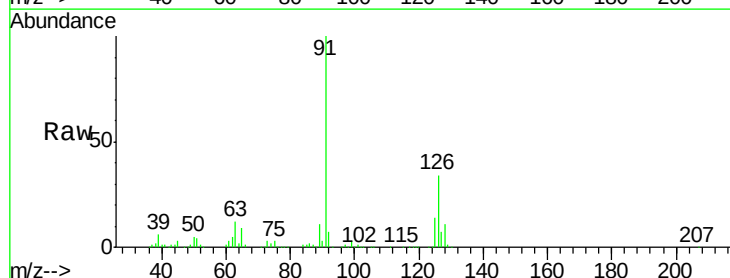
Acq: 18 Jul 2018 15:01

Tgt Ion: 91 Resp: 497292

Ion Ratio Lower Upper

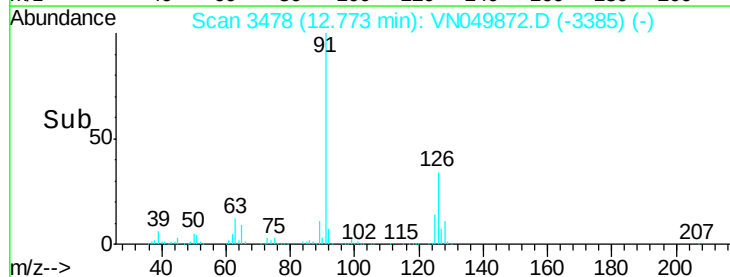
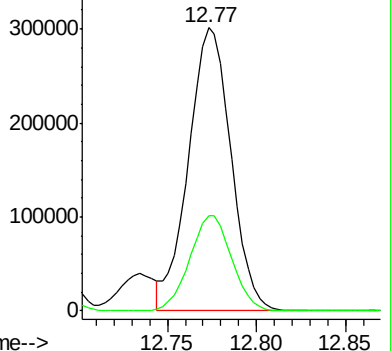
91 100

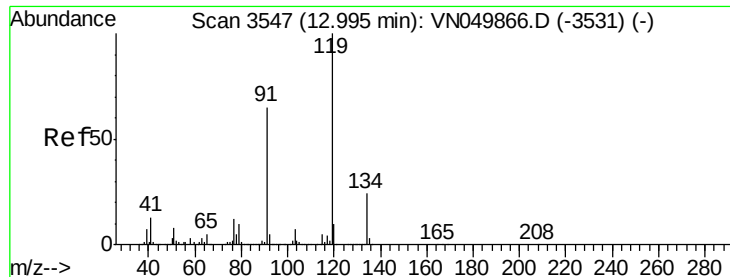
126 33.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.99 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

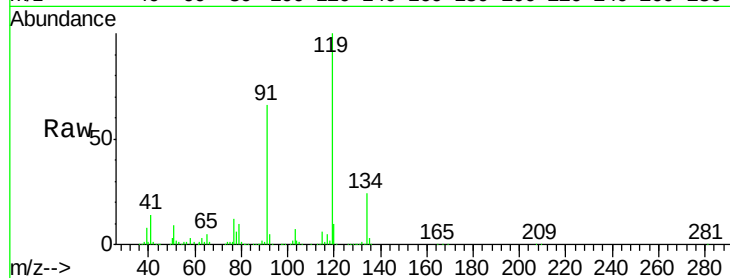
Tot Ion:119 Resp: 500698

Ion Ratio Lower Upper

119 100

91 63.7 32.0 96.2

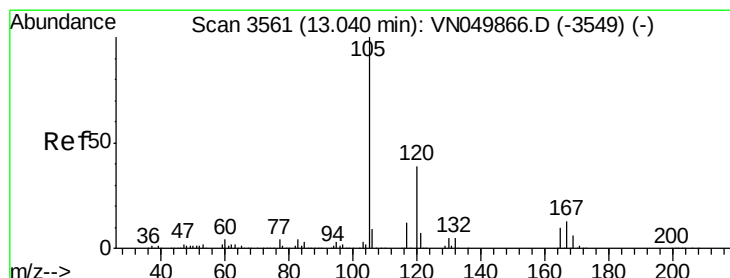
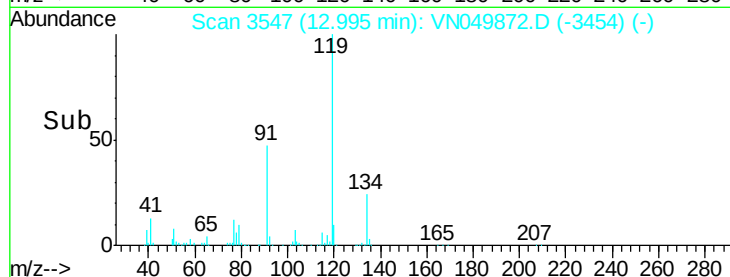
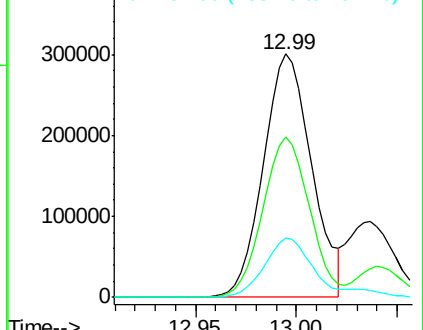
134 23.8 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.35 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049872.D

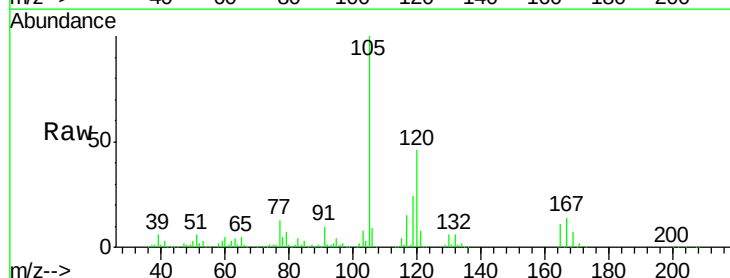
Acq: 18 Jul 2018 15:01

Tgt Ion:105 Resp: 587275

Ion Ratio Lower Upper

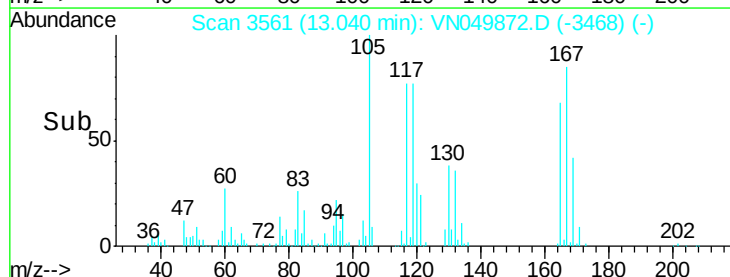
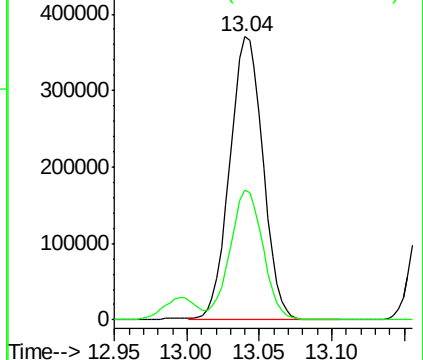
105 100

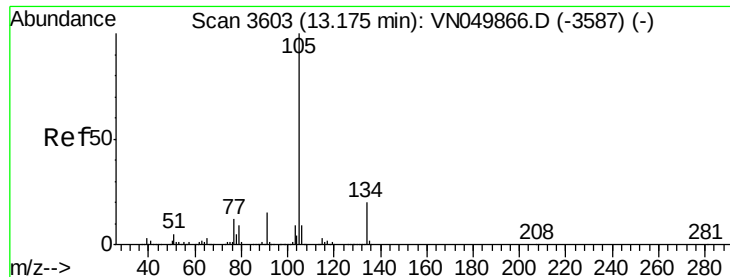
120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.11 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

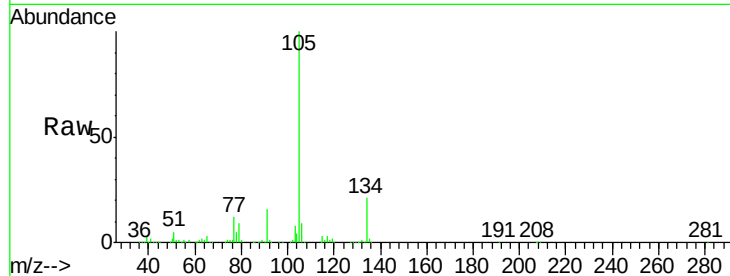
ClientSampleId :

Tot Ion:105 Resp: 665459

Ion Ratio Lower Upper

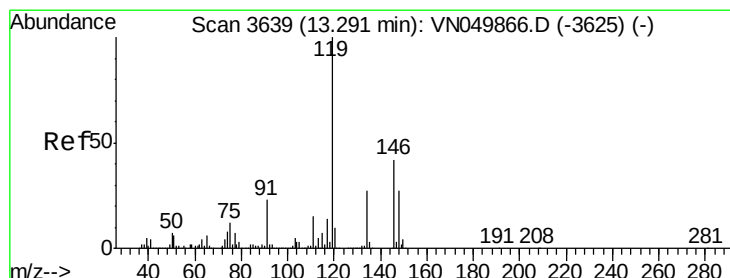
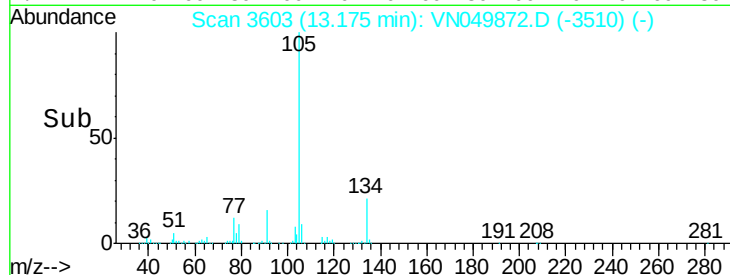
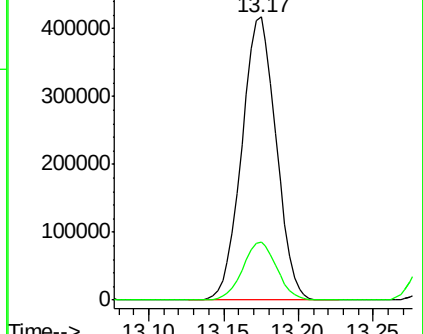
105 100

134 20.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.21 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

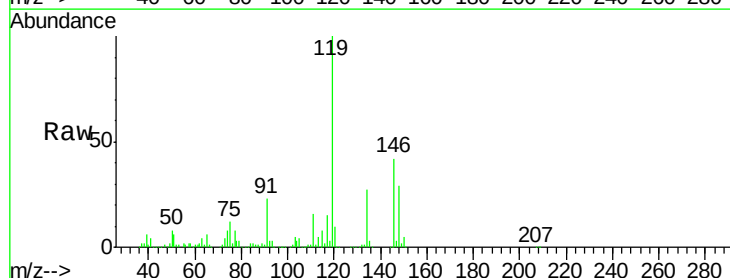
Tgt Ion:119 Resp: 569876

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

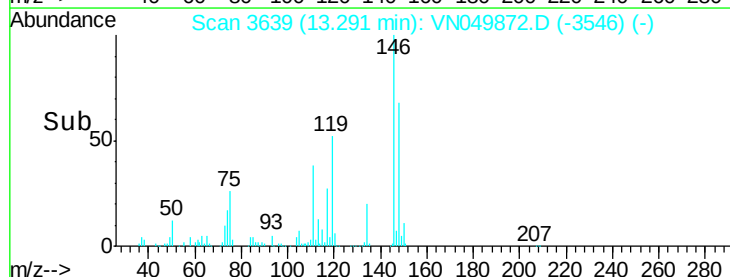
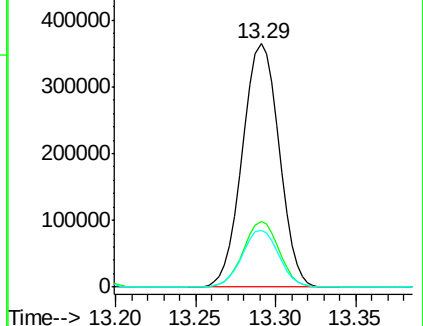
91 22.9 11.4 34.1

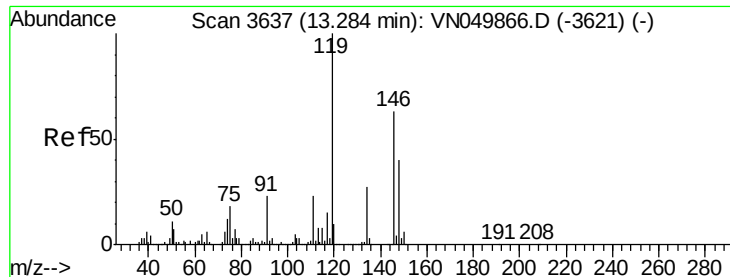


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.36 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

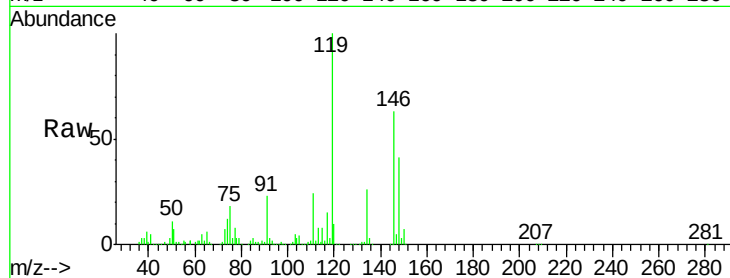
Tot Ion:146 Resp: 315660

Ion Ratio Lower Upper

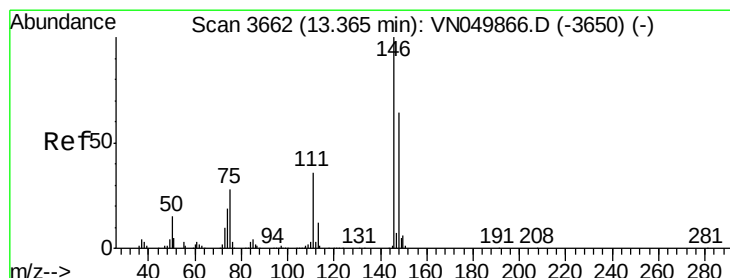
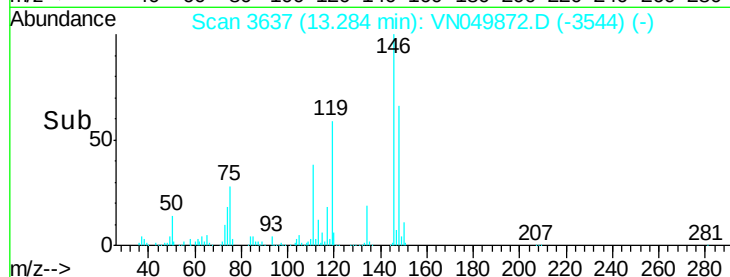
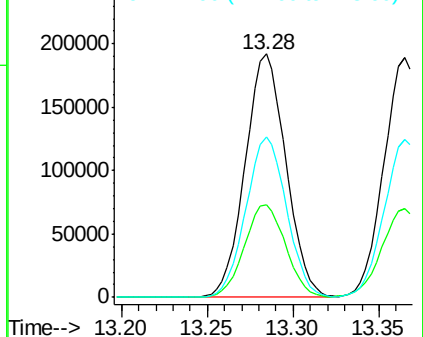
146 100

111 38.4 19.0 57.0

148 65.8 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: 19.13 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

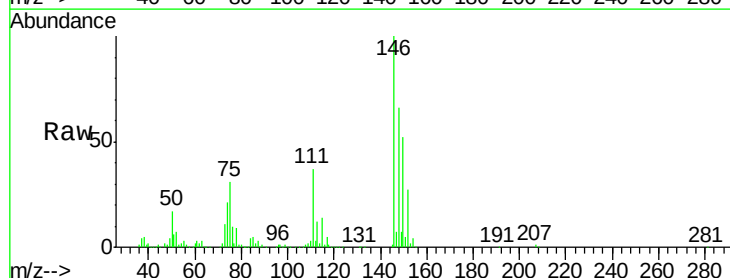
Tgt Ion:146 Resp: 312697

Ion Ratio Lower Upper

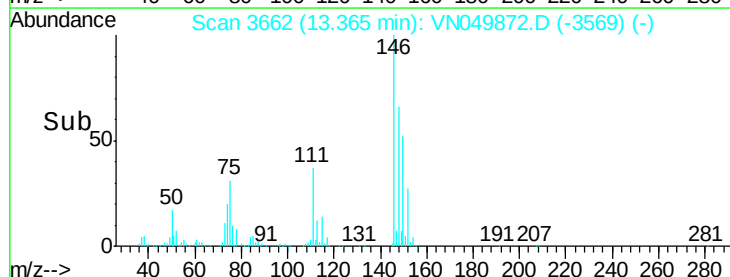
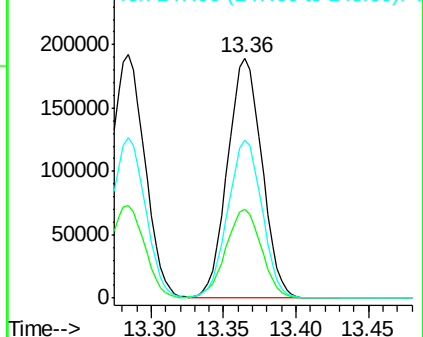
146 100

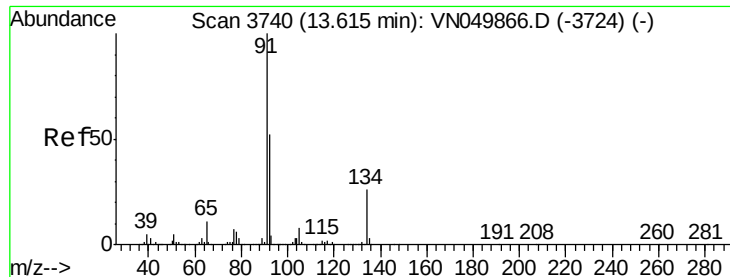
111 38.3 18.9 56.5

148 65.3 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

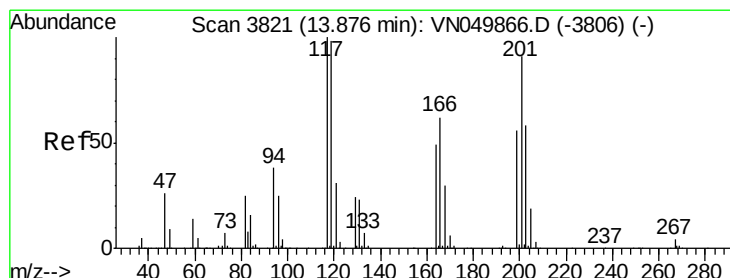
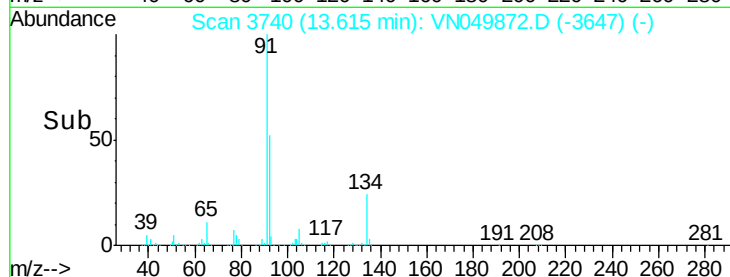
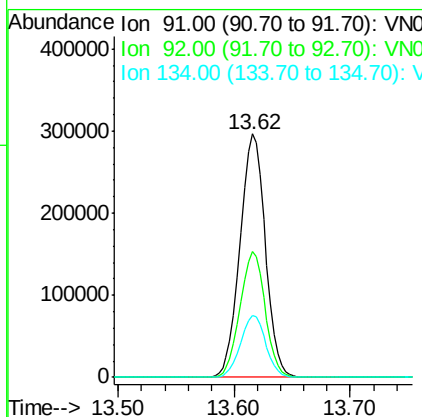
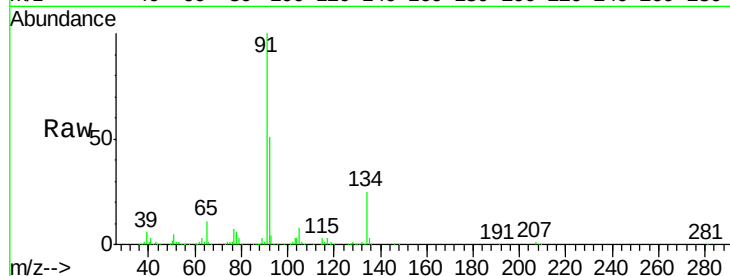




#89
n-Butylbenzene
Concen: 20.23 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

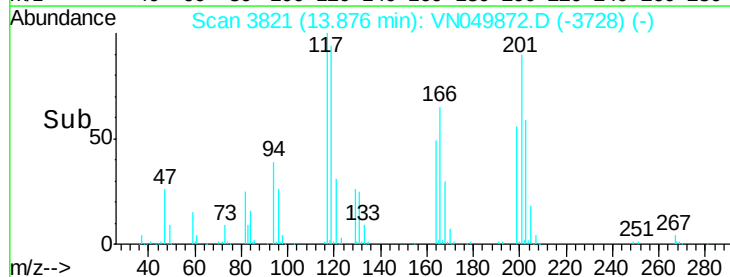
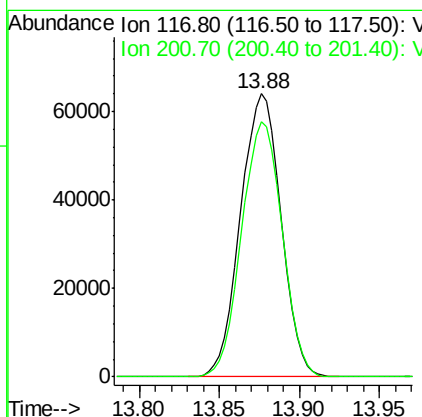
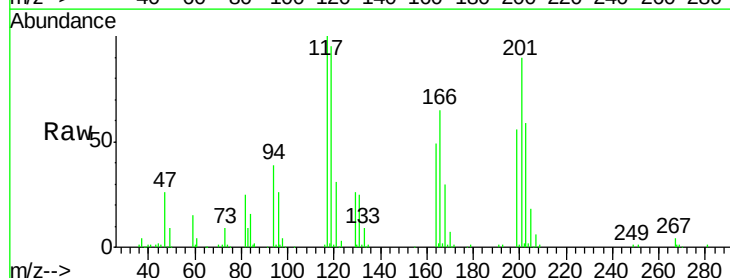
Instrument :
MSVOA_N
ClientSampleId :

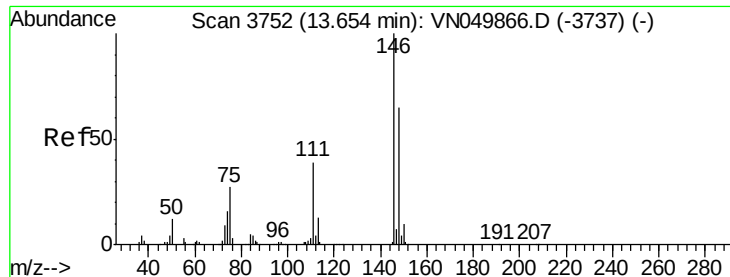
Tot Ion: 91 Resp: 448752
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 25.4 13.0 38.9



#90
Hexachloroethane
Concen: 18.37 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 117 Resp: 110786
Ion Ratio Lower Upper
117 100
201 90.4 45.3 135.8

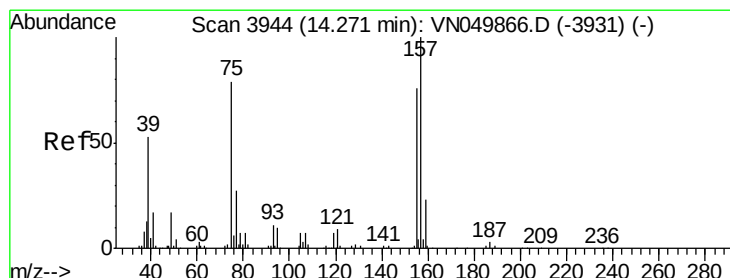
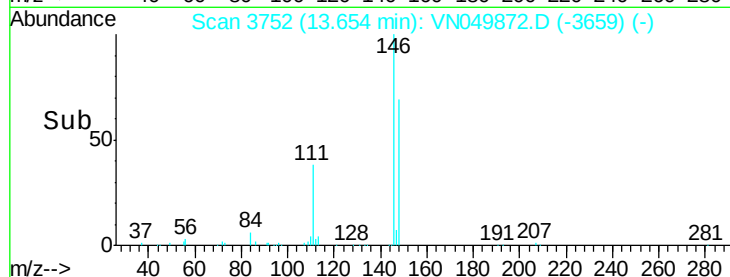
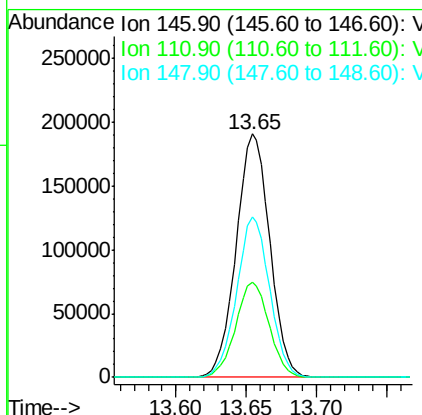
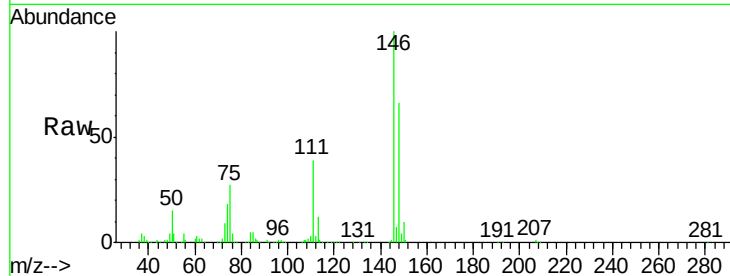




#91
 1,2-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

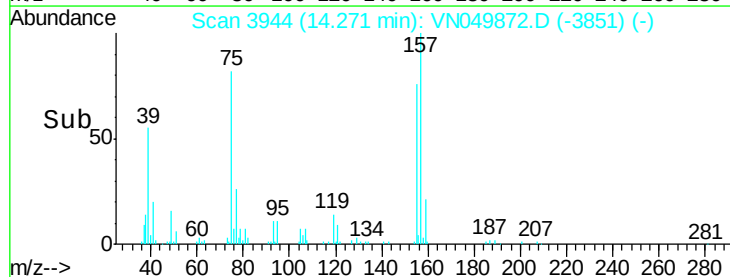
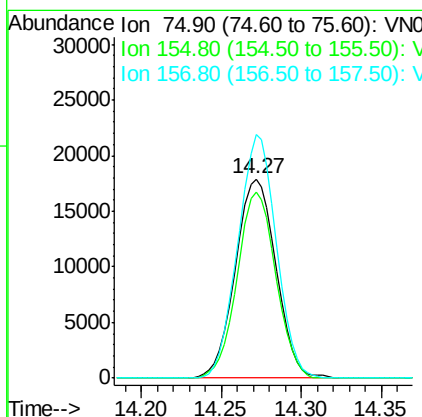
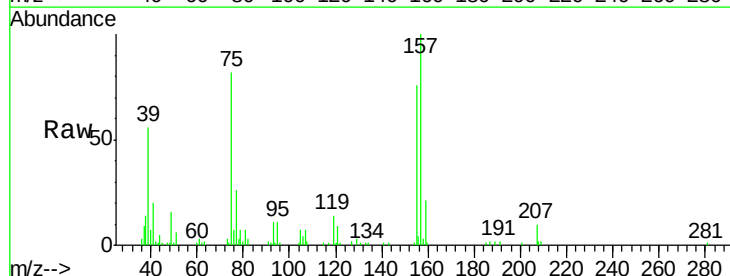
Instrument :
 MSVOA_N
 ClientSampleId :

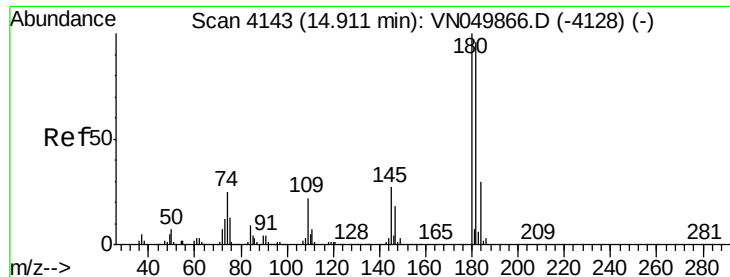
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.1
148	64.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.76 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	45.7	137.1
157	115.4	56.9	170.7

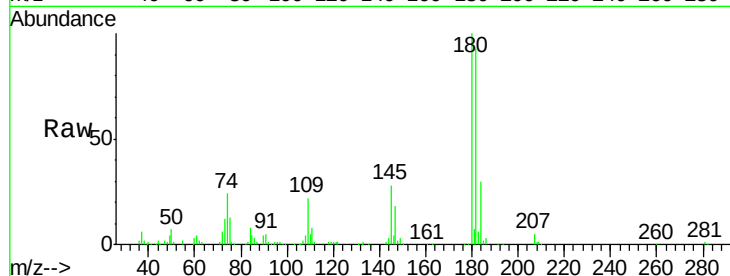




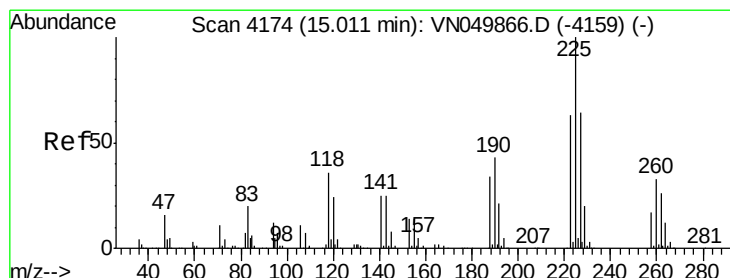
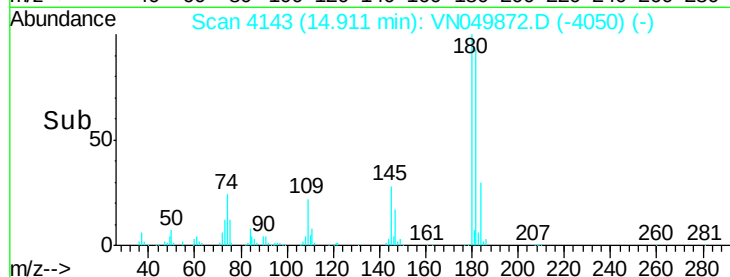
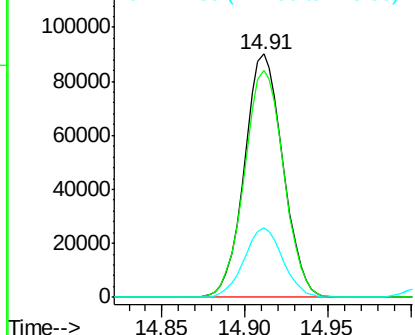
#93
 1,2,4-Trichlorobenzene
 Concen: 18.78 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 145338
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 28.8 14.4 43.0

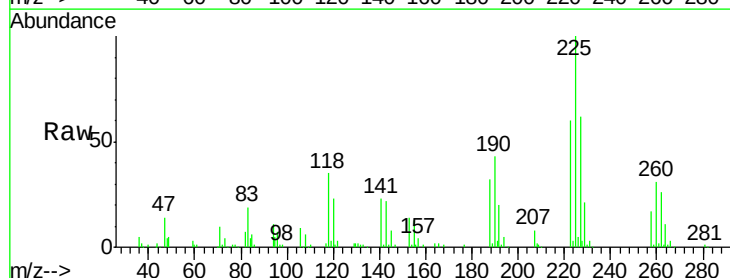


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

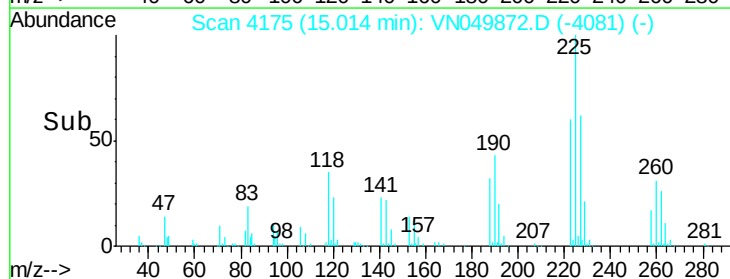
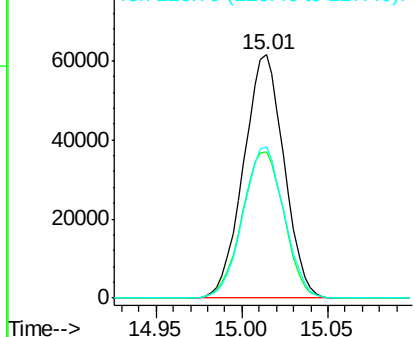


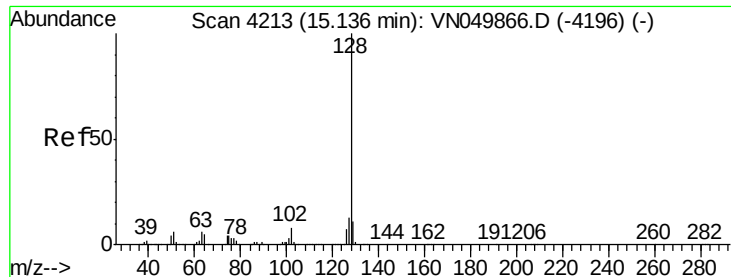
#94
 Hexachlorobutadiene
 Concen: 19.07 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion:225 Resp: 100165
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 63.1 31.8 95.4



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





#95

Naphthalene

Concen: 18.05 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

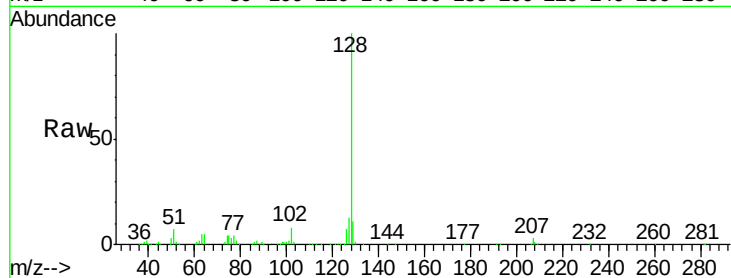
Tot Ion:128 Resp: 314826

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

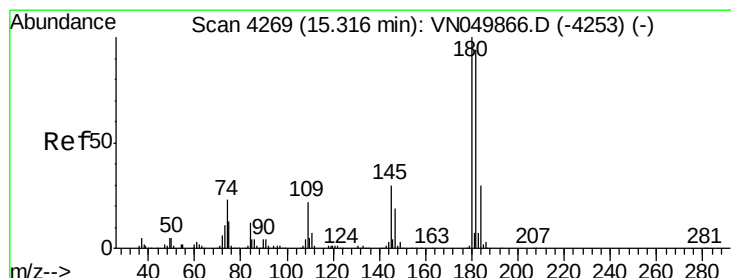
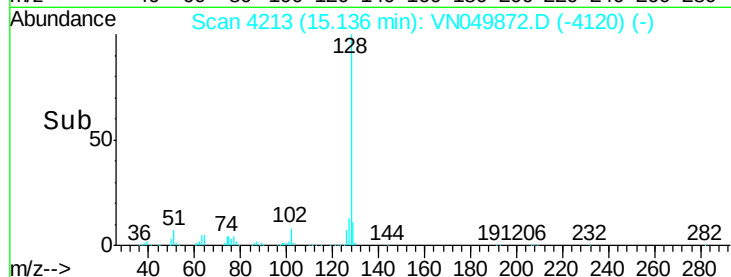
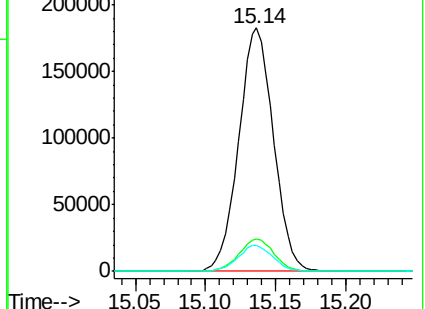
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.36 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

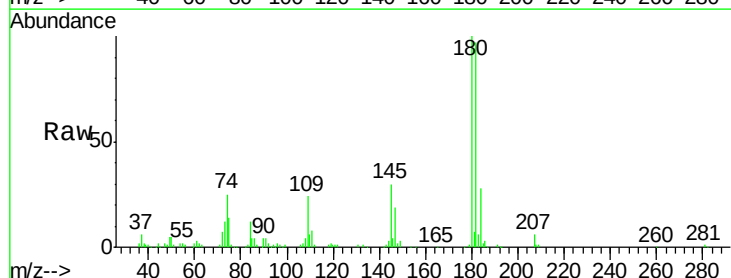
Tgt Ion:180 Resp: 148882

Ion Ratio Lower Upper

180 100

182 97.4 47.4 142.2

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

