

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049391.D
 Acq On : 19 Jun 2018 17:46
 Operator : MD\SY
 Sample : VN0619WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 04:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1456127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2199131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1977112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	940471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	928583	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	817626	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	3031675	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	12.40	95	1006259	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	330544	19.72	ug/l	98
3) Chloromethane	2.06	50	417097	19.27	ug/l	97
4) Vinyl Chloride	2.18	62	449237	19.53	ug/l	99
5) Bromomethane	2.57	94	220777	18.26	ug/l	100
6) Chloroethane	2.70	64	275026	20.05	ug/l	99
7) Trichlorofluoromethane	3.01	101	566036	19.73	ug/l	98
8) Diethyl Ether	3.41	74	206927	20.66	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	353357	19.42	ug/l	94
10) Methyl Iodide	3.95	142	337388	17.81	ug/l	91
11) Tert butyl alcohol	4.81	59	135029	119.12	ug/l	98
12) 1,1-Dichloroethene	3.73	96	325692	19.51	ug/l	89
13) Acrolein	3.61	56	189257	159.21	ug/l	100
14) Allyl chloride	4.32	41	513007	19.46	ug/l	89
15) Acrylonitrile	4.99	53	616808	108.82	ug/l	99
16) Acetone	3.82	43	476549	101.63	ug/l	92
17) Carbon Disulfide	4.05	76	965830	18.46	ug/l	98
18) Methyl Acetate	4.33	43	326135	22.81	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	903953	21.24	ug/l	100
20) Methylene Chloride	4.55	84	376553	19.23	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	344230	19.47	ug/l	91
22) Diisopropyl ether	5.96	45	1087948	20.67	ug/l	99
23) Vinyl Acetate	5.90	43	3653791	106.47	ug/l	96
24) 1,1-Dichloroethane	5.85	63	658763	19.55	ug/l	99
25) 2-Butanone	6.84	43	685494	108.87	ug/l	94
26) 2,2-Dichloropropane	6.83	77	511291	18.79	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	385388	19.61	ug/l	92
28) Bromochloromethane	7.20	49	281373	18.84	ug/l #	83
29) Tetrahydrofuran	7.22	42	460196	113.54	ug/l	93
30) Chloroform	7.37	83	663840	19.80	ug/l	98
31) Cyclohexane	7.65	56	573780	19.98	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	568650	19.87	ug/l	97
36) 1,1-Dichloropropene	7.79	75	475640	18.87	ug/l	94
37) Ethyl Acetate	6.93	43	315196	23.00	ug/l #	94
38) Carbon Tetrachloride	7.78	117	500206	19.17	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049391.D
 Acq On : 19 Jun 2018 17:46
 Operator : MD\SY
 Sample : VN0619WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 04:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	500103	18.48	ug/l	97
40) Benzene	8.04	78	1509479	19.53	ug/l	99
41) Methacrylonitrile	7.18	41	159902	21.59	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	476212	19.95	ug/l	96
43) Isopropyl Acetate	8.17	43	666500	25.46	ug/l	98
44) Trichloroethene	8.84	130	398091	19.51	ug/l	93
45) 1,2-Dichloropropane	9.12	63	400046	19.77	ug/l	99
46) Dibromomethane	9.21	93	238595	20.34	ug/l	92
47) Bromodichloromethane	9.41	83	501072	19.44	ug/l	97
48) Methyl methacrylate	9.20	41	266666	21.63	ug/l	87
49) 1,4-Dioxane	9.20	88	78031	458.59	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1563047	113.92	ug/l	95
52) Toluene	10.16	92	917770	20.24	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	478191	19.39	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	565357	19.41	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	340027	20.11	ug/l	98
56) Ethyl methacrylate	10.43	69	416235	21.34	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	567651	20.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	539797	87.30	ug/l	95
59) 2-Hexanone	10.76	43	1001746	113.24	ug/l	94
60) Dibromochloromethane	10.90	129	368388	19.52	ug/l	99
61) 1,2-Dibromoethane	11.01	107	325625	20.72	ug/l	99
64) Tetrachloroethene	10.63	164	422432	20.85	ug/l	98
65) Chlorobenzene	11.44	112	983331	19.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	369694	19.29	ug/l	99
67) Ethyl Benzene	11.51	91	1667504	19.74	ug/l	97
68) m/p-Xylenes	11.62	106	1279422	40.35	ug/l	95
69) o-Xylene	11.95	106	616175	20.18	ug/l	94
70) Styrene	11.97	104	980621	20.35	ug/l	97
71) Bromoform	12.13	173	257615	20.76	ug/l #	99
73) Isopropylbenzene	12.25	105	1626124	19.69	ug/l	98
74) N-amyl acetate	12.07	43	429696	21.25	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	406798	22.72	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	501609	31.26	ug/l #	100
77) Bromobenzene	12.53	156	414216	18.99	ug/l	92
78) n-propylbenzene	12.59	91	1788093	19.72	ug/l	99
79) 2-Chlorotoluene	12.68	91	1111006	19.34	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	1301374	20.05	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	103868	20.46	ug/l	95
82) 4-Chlorotoluene	12.78	91	1093642	19.73	ug/l	97
83) tert-Butylbenzene	13.00	119	1093222	19.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1303616	20.22	ug/l	98
85) sec-Butylbenzene	13.17	105	1456190	19.03	ug/l	100
86) p-Isopropyltoluene	13.29	119	1220267	19.08	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	679510	18.94	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	653116	18.36	ug/l	99
89) n-Butylbenzene	13.62	91	873715	17.49	ug/l	97
90) Hexachloroethane	13.88	117	257385	20.26	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	683504	19.42	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59935	20.85	ug/l	89

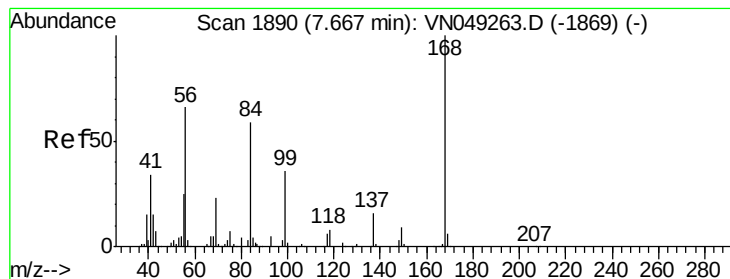
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049391.D
Acq On : 19 Jun 2018 17:46
Operator : MD\SY
Sample : VN0619WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 04:31:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217111	16.93	ug/l	100
94) Hexachlorobutadiene	15.01	225	202541	17.93	ug/l	99
95) Naphthalene	15.14	128	457920	18.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	246868	18.03	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

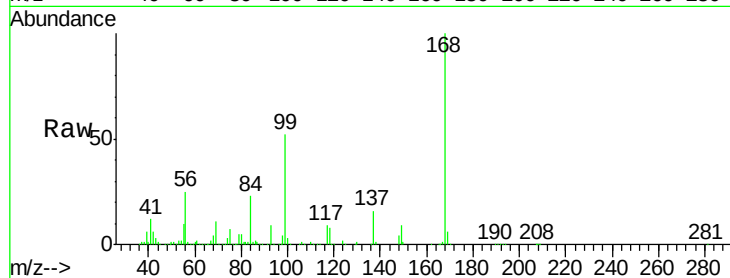
ClientSampleId :

Tot Ion:168 Resp: 1456127

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

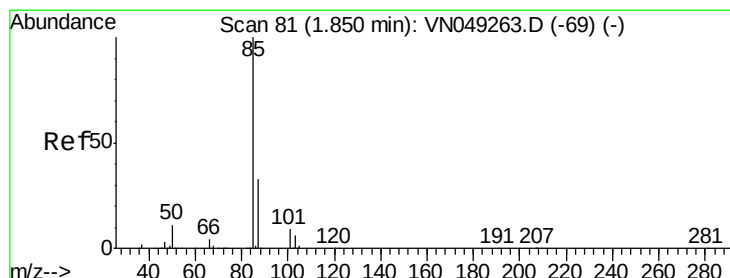
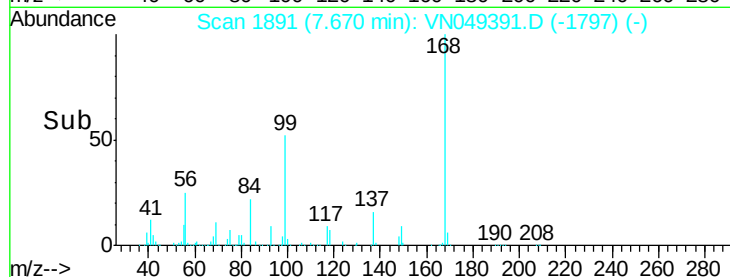
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 19.72 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049391.D

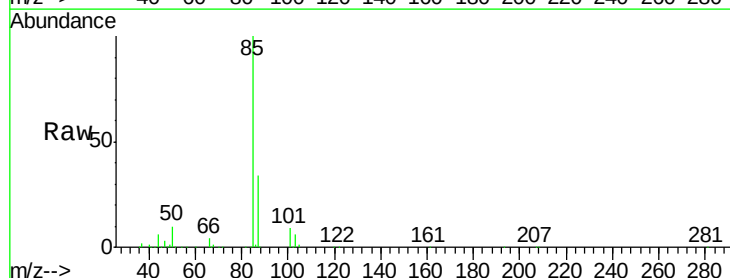
Acq: 19 Jun 2018 17:46

Tgt Ion: 85 Resp: 330544

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

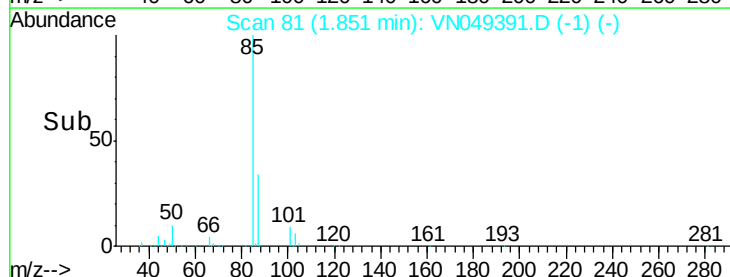
150000

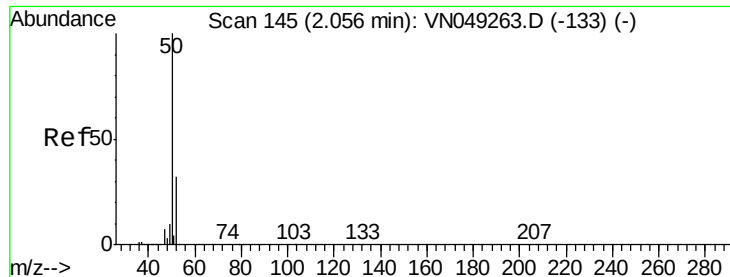
100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 19.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

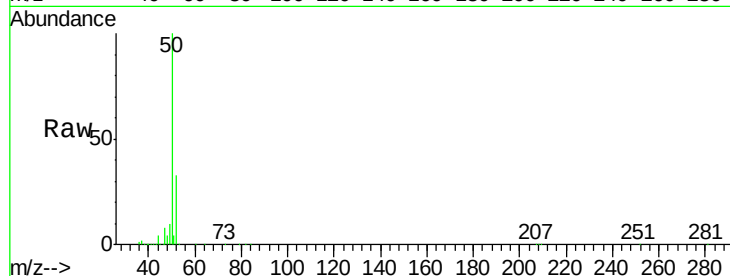
ClientSampleId :

Tot Ion: 50 Resp: 417097

Ion Ratio Lower Upper

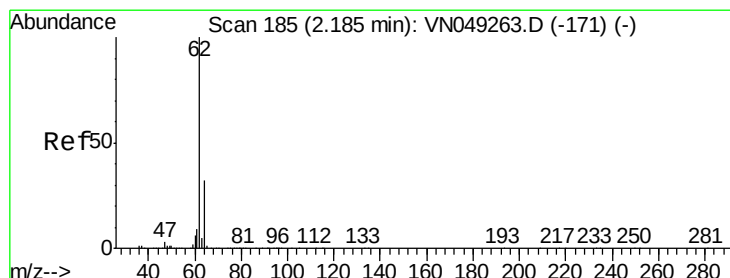
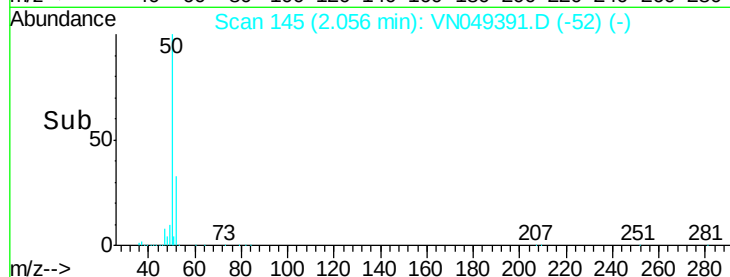
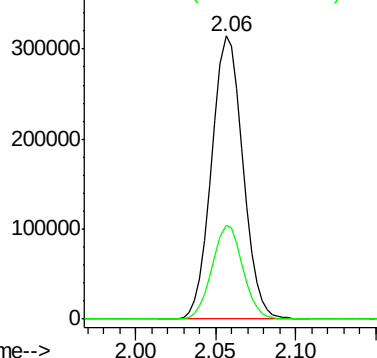
50 100

52 33.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.53 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049391.D

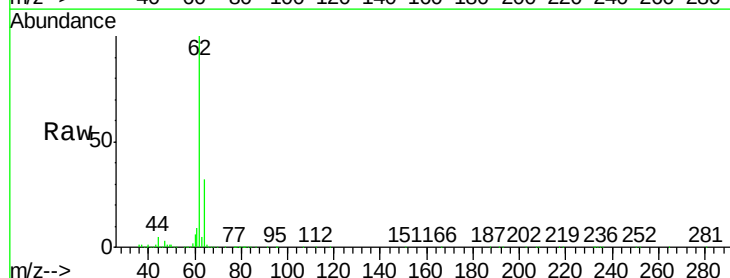
Acq: 19 Jun 2018 17:46

Tgt Ion: 62 Resp: 449237

Ion Ratio Lower Upper

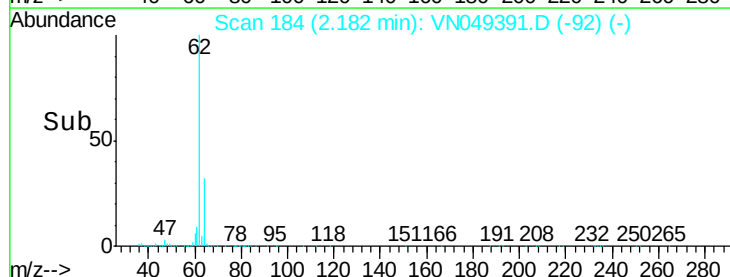
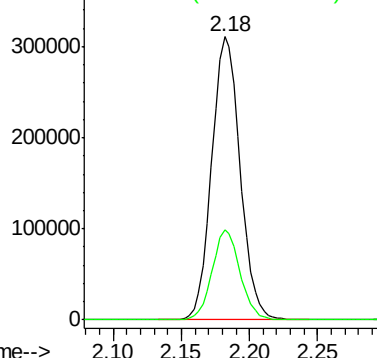
62 100

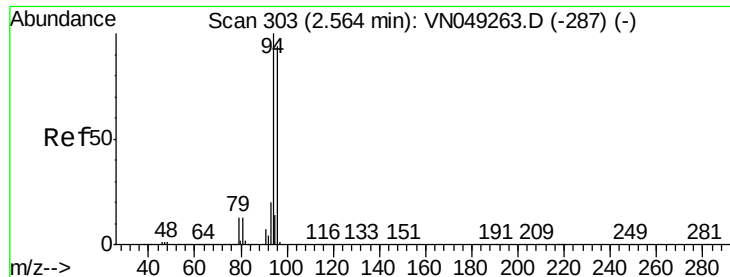
64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.26 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

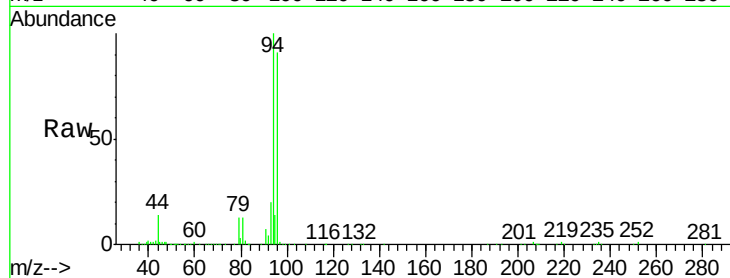
ClientSampleId :

Tot Ion: 94 Resp: 220777

Ion Ratio Lower Upper

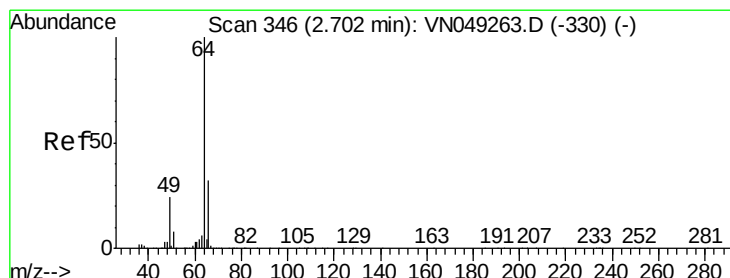
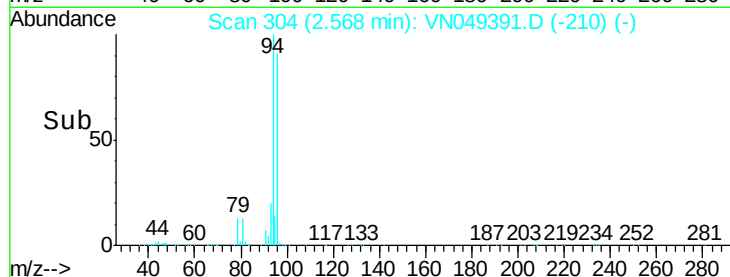
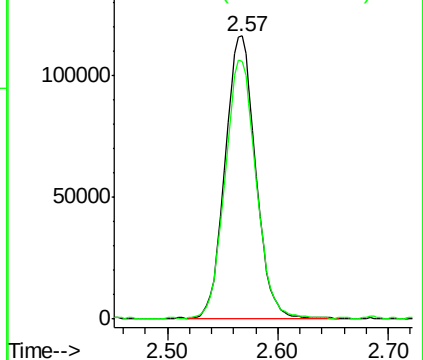
94 100

96 91.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.05 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049391.D

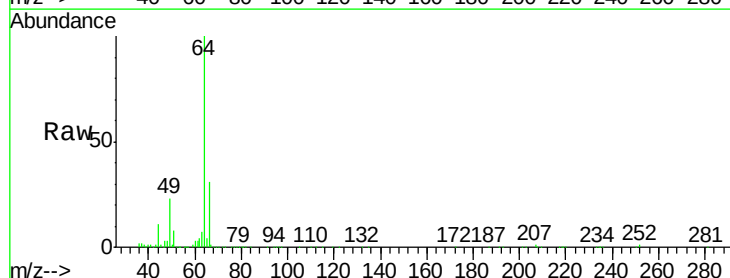
Acq: 19 Jun 2018 17:46

Tgt Ion: 64 Resp: 275026

Ion Ratio Lower Upper

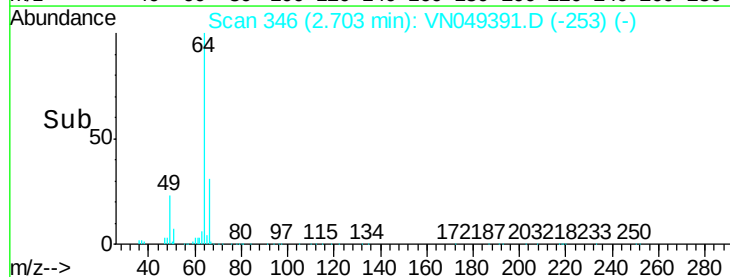
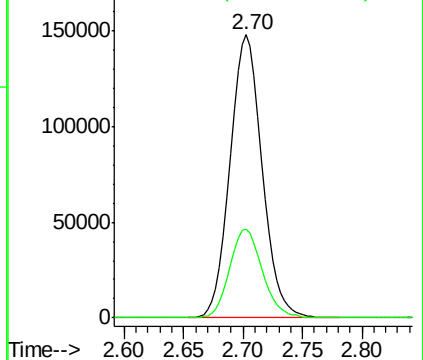
64 100

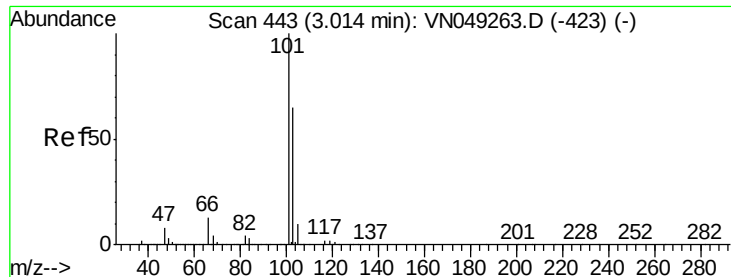
66 31.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



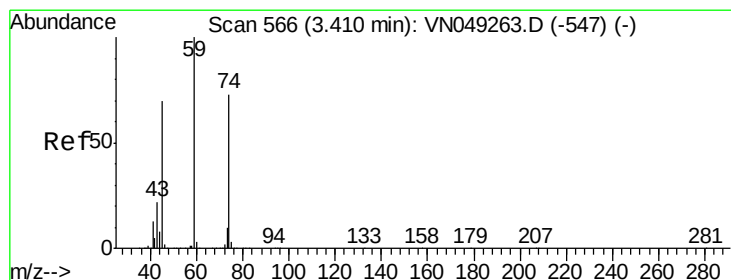
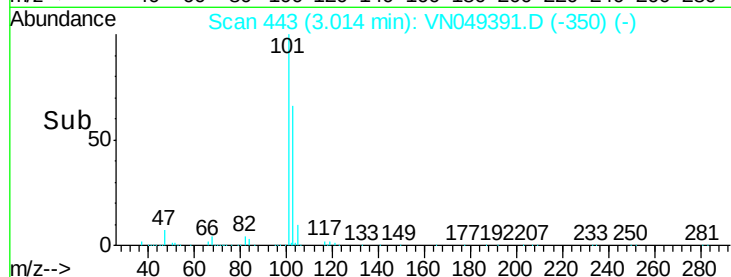
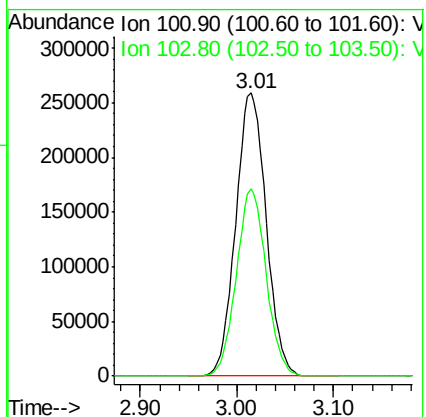
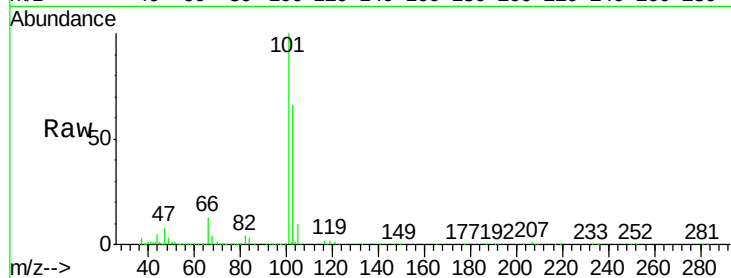


#7

Trichlorofluoromethane
Concen: 19.73 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampleId :

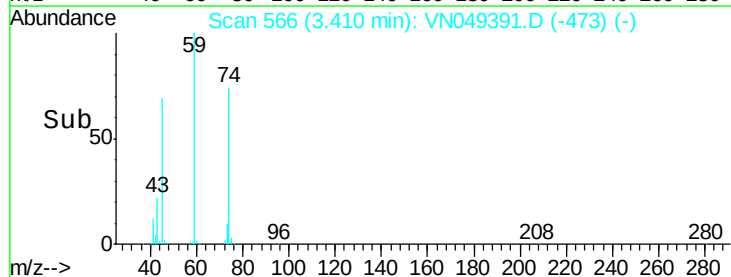
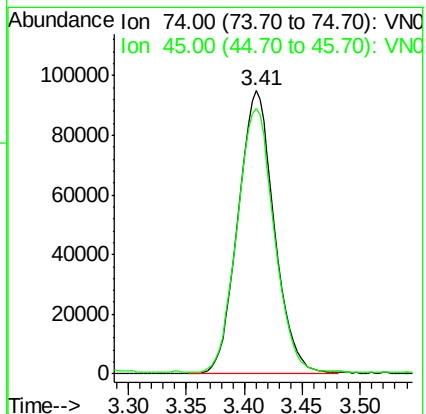
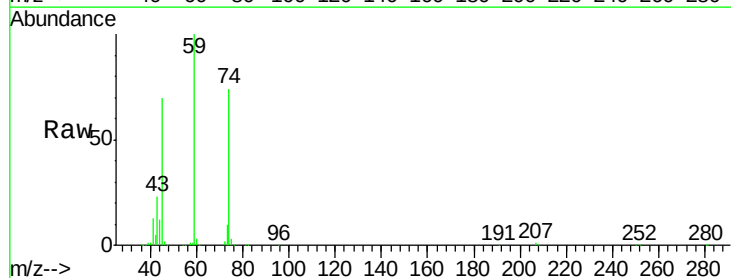
Tot Ion:101 Resp: 566036
Ion Ratio Lower Upper
101 100
103 66.2 51.7 77.5

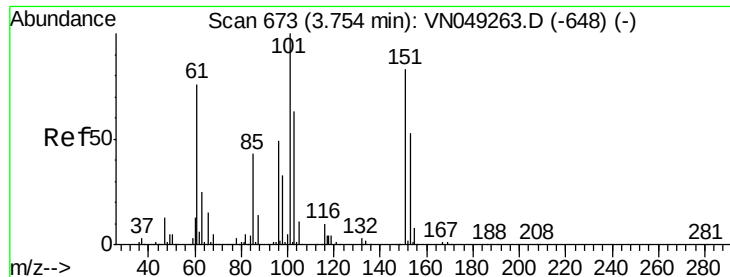


#8

Diethyl Ether
Concen: 20.66 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 74 Resp: 206927
Ion Ratio Lower Upper
74 100
45 94.5 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.42 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

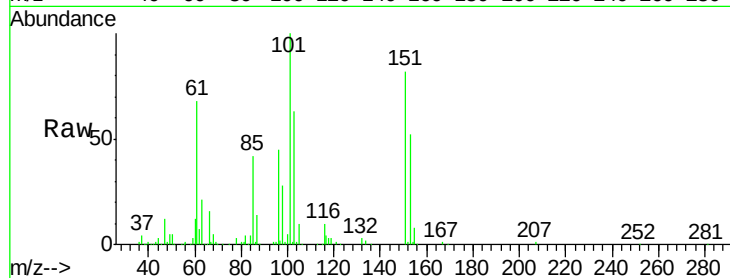
Tot Ion:101 Resp: 353357

Ion Ratio Lower Upper

101 100

85 41.7 37.6 56.4

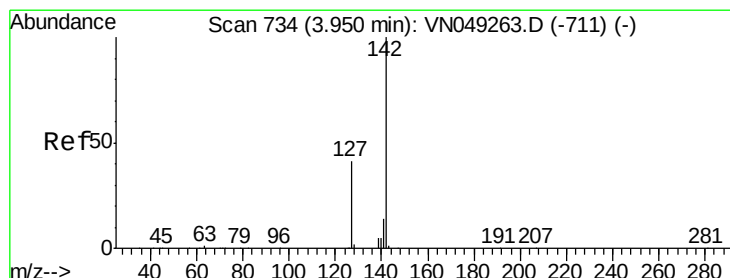
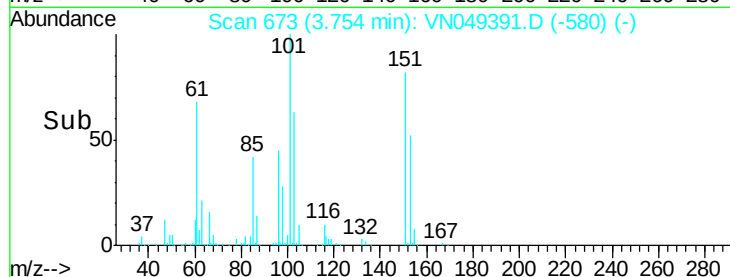
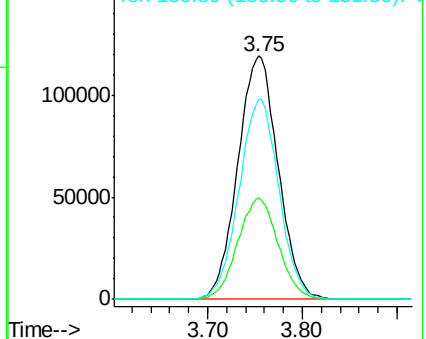
151 81.1 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.81 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

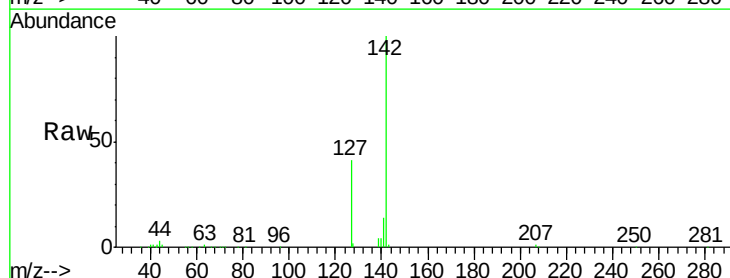
Tgt Ion:142 Resp: 337388

Ion Ratio Lower Upper

142 100

127 40.4 38.2 57.4

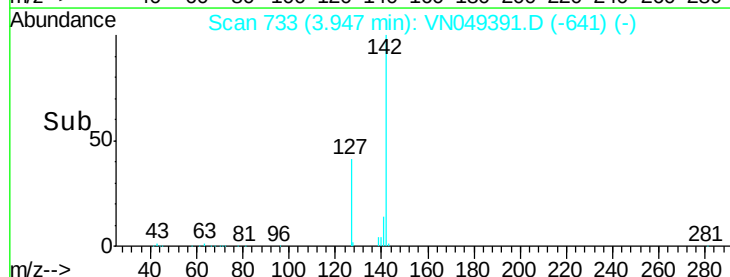
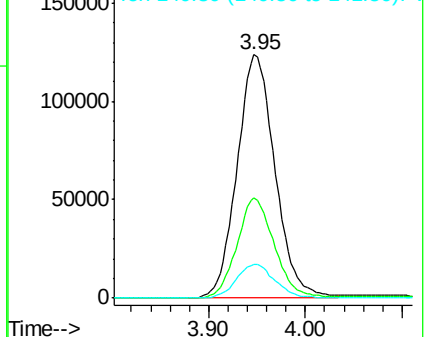
141 14.0 11.9 17.9

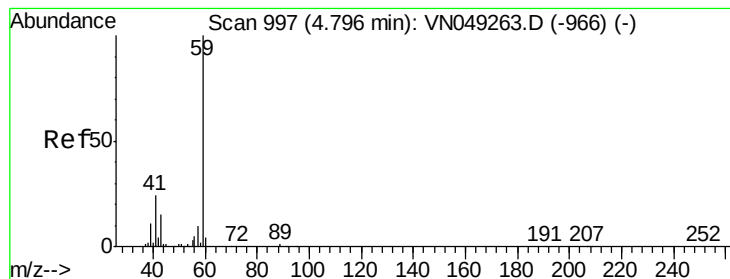


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



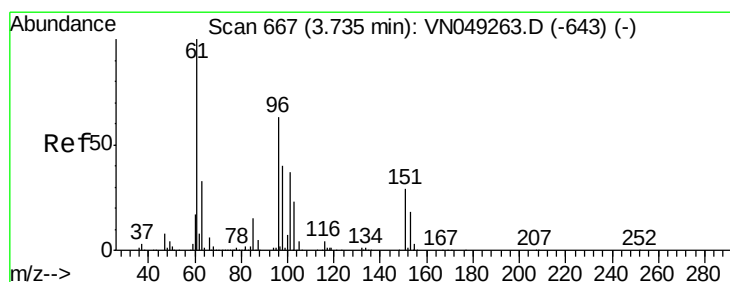
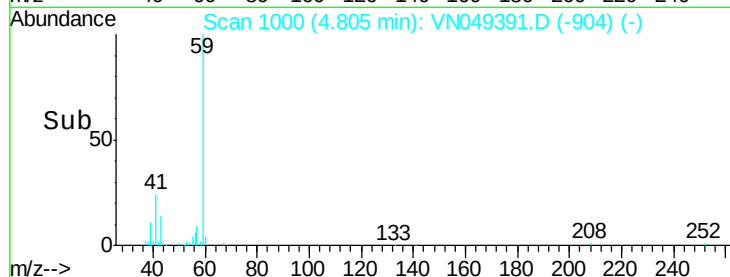
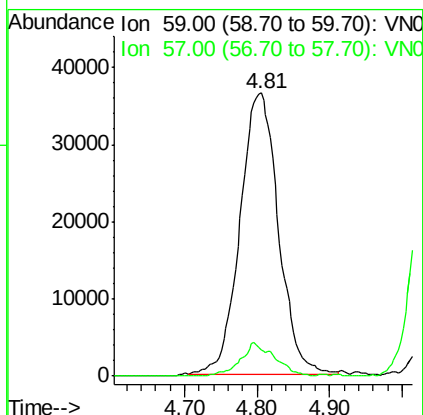
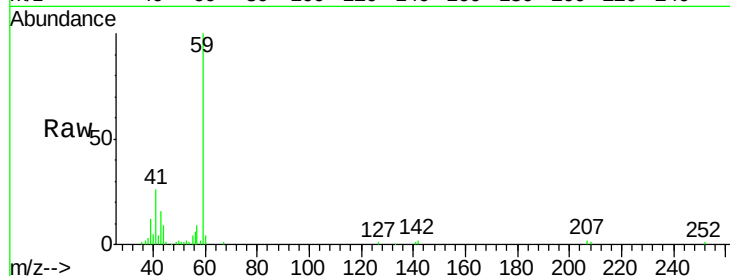


#11

Tert butyl alcohol
 Concen: 119.12 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Instrument :
 MSVOA_N
 ClientSampleId :

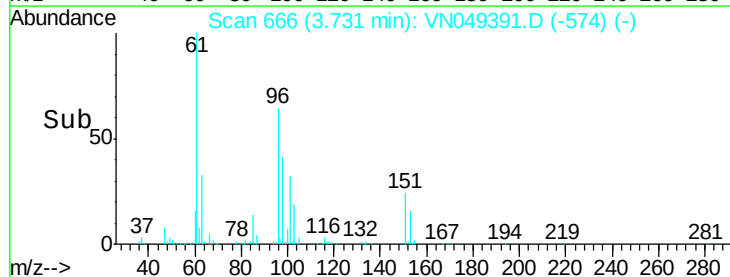
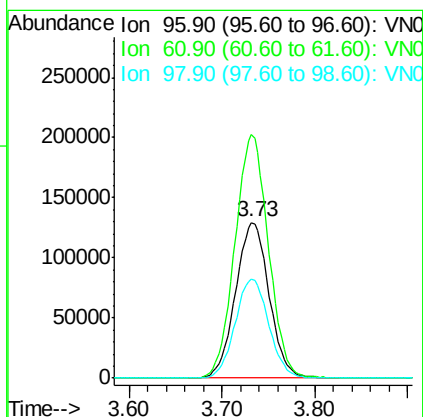
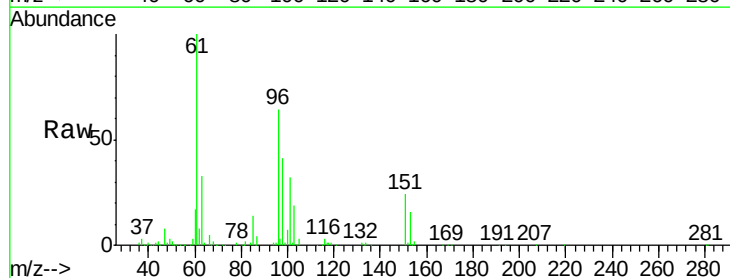
Tot Ion: 59 Resp: 135029
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.6

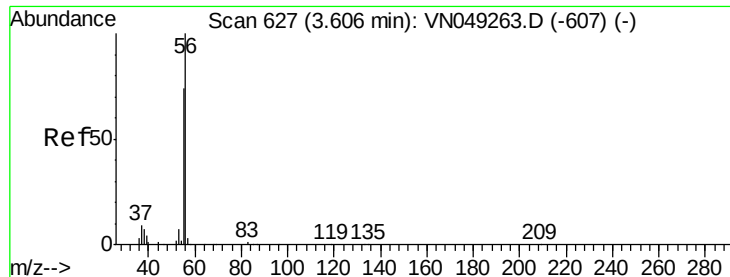


#12

1,1-Dichloroethene
 Concen: 19.51 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion: 96 Resp: 325692
 Ion Ratio Lower Upper
 96 100
 61 156.7 141.0 211.4
 98 64.0 50.4 75.6





#13

Acrolein

Concen: 159.21 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

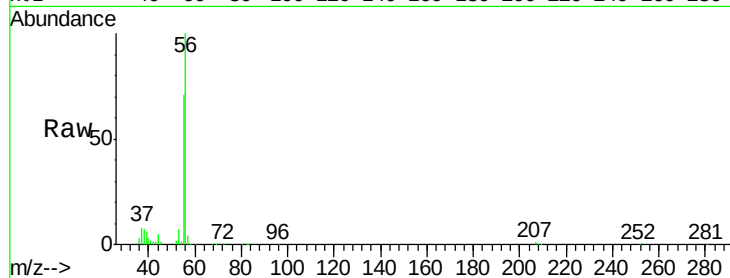
Instrument :

MSVOA_N

ClientSampleId :

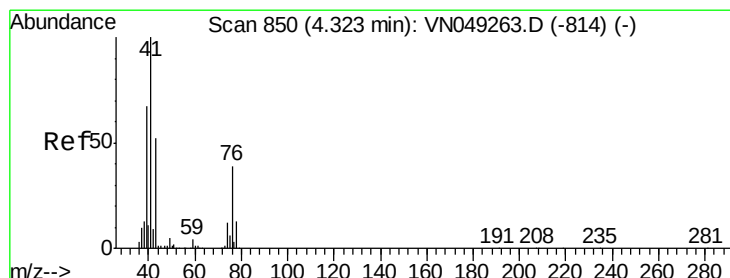
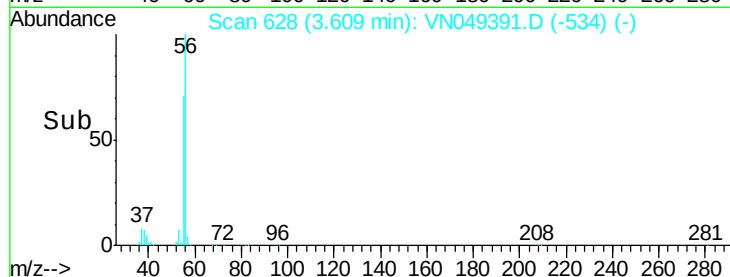
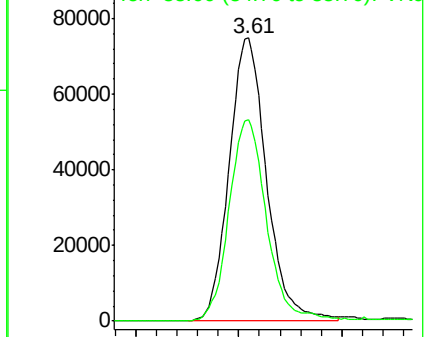
Tot Ion: 56 Resp: 189257

Ion	Ratio	Lower	Upper
56	100		
55	71.6	57.1	85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.46 ug/l

RT: 4.32 min Scan# 849

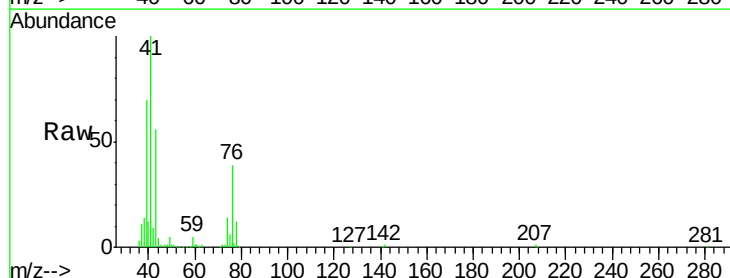
Delta R.T. -0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Tgt Ion: 41 Resp: 513007

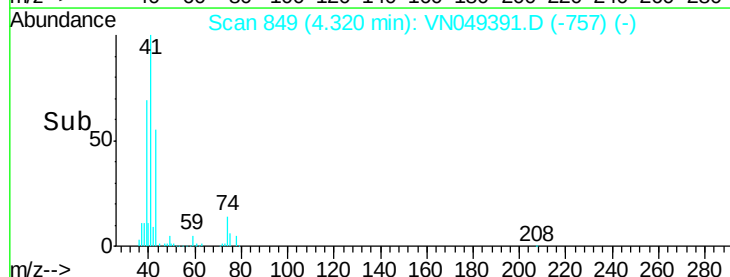
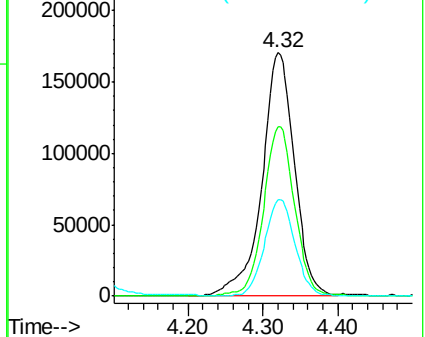
Ion	Ratio	Lower	Upper
41	100		
39	66.6	62.5	93.7
76	37.1	27.1	40.7

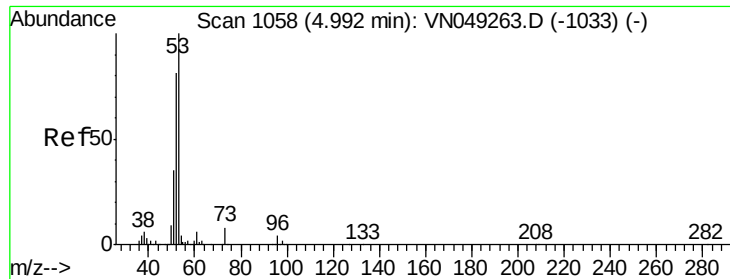


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

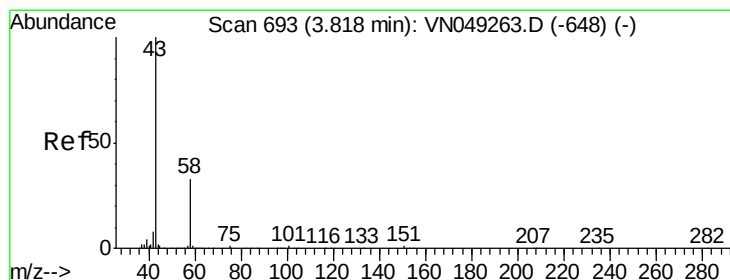
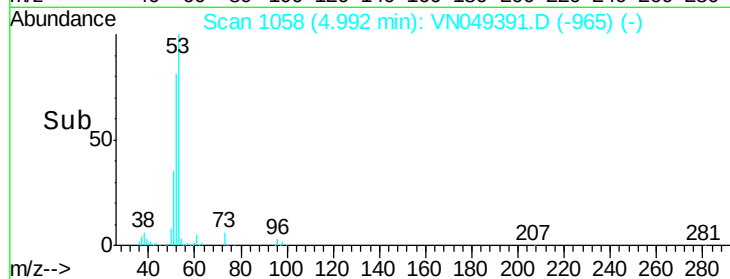
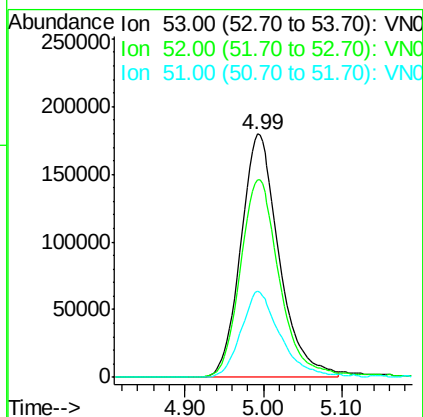
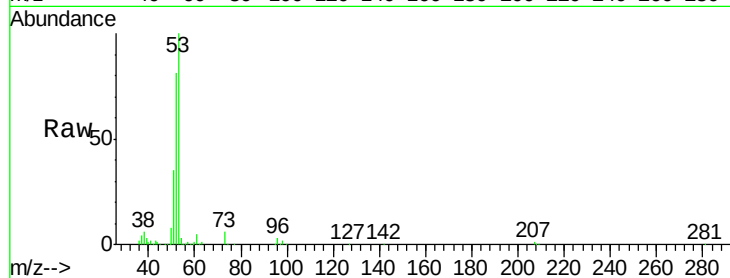




#15
 Acrylonitrile
 Concen: 108.82 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

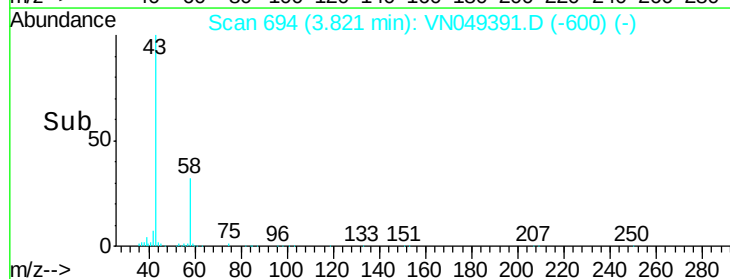
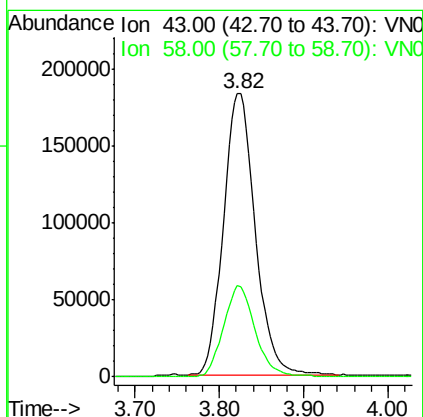
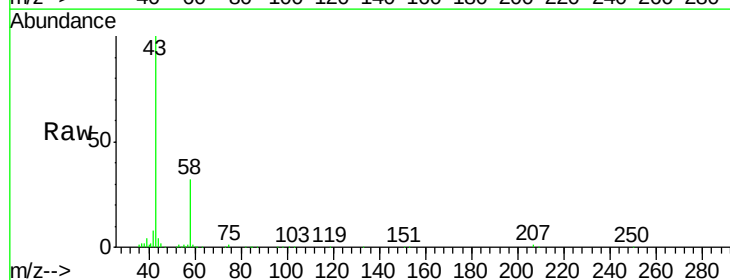
Instrument :
 MSVOA_N
 ClientSampleId :

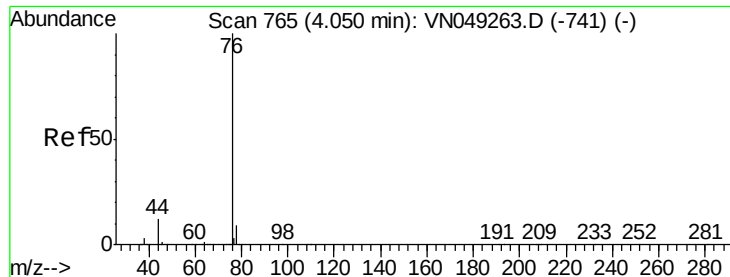
Tot Ion	53	Resp	616808
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	100.0
51	36.2	29.8	44.8



#16
 Acetone
 Concen: 101.63 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion	43	Resp	476549
Ion Ratio	Lower	Upper	
43	100		
58	32.2	22.4	33.6





#17

Carbon Disulfide

Concen: 18.46 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

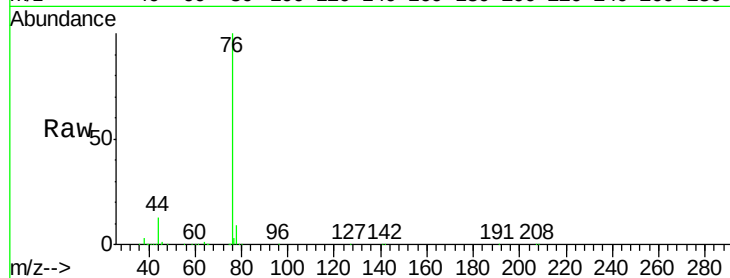
ClientSampleId :

Tot Ion: 76 Resp: 965830

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

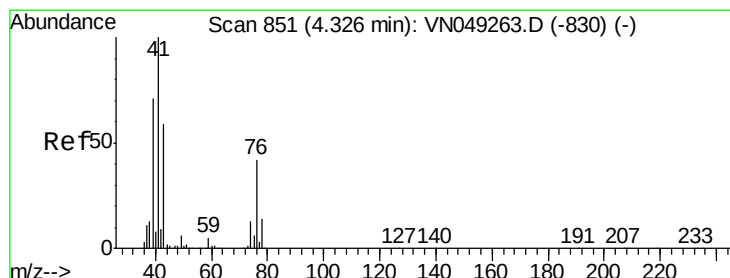
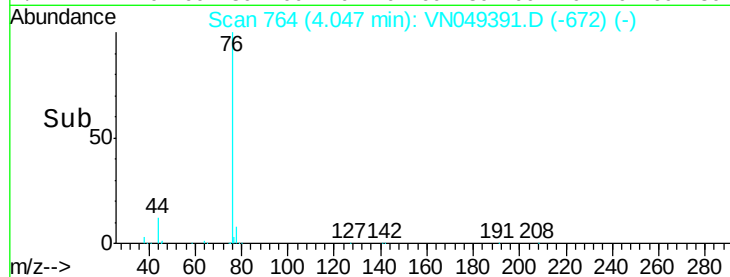
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 22.81 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049391.D

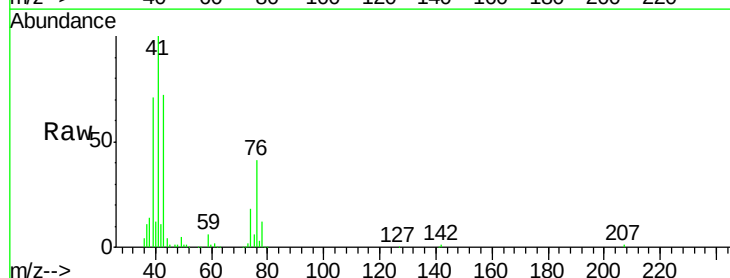
Acq: 19 Jun 2018 17:46

Tgt Ion: 43 Resp: 326135

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

120000

100000

80000

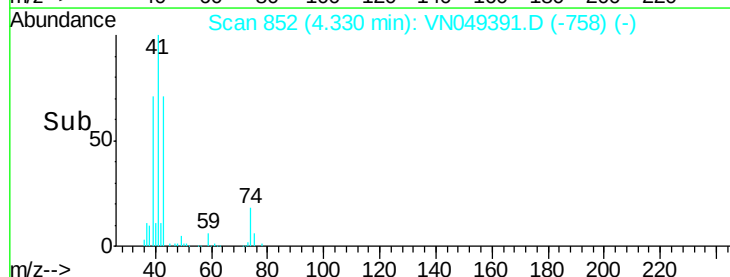
60000

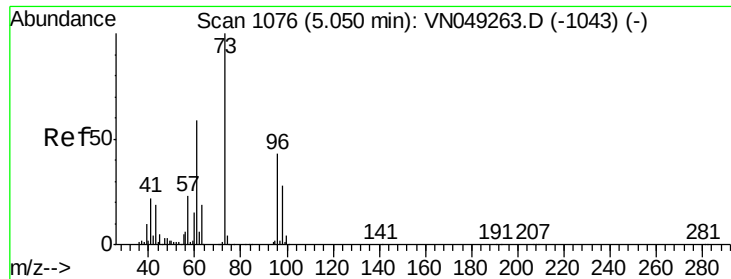
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 21.24 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

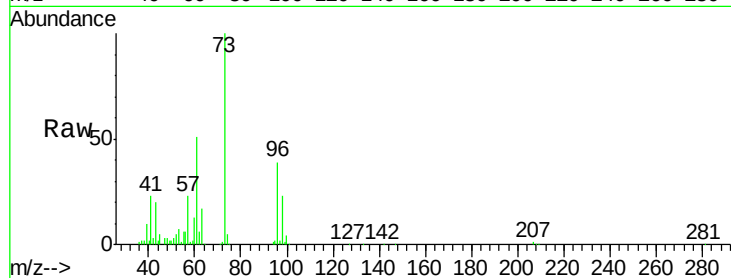
ClientSampled :

Tot Ion: 73 Resp: 903953

Ion Ratio Lower Upper

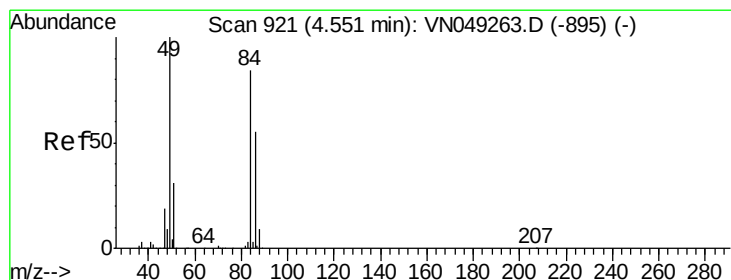
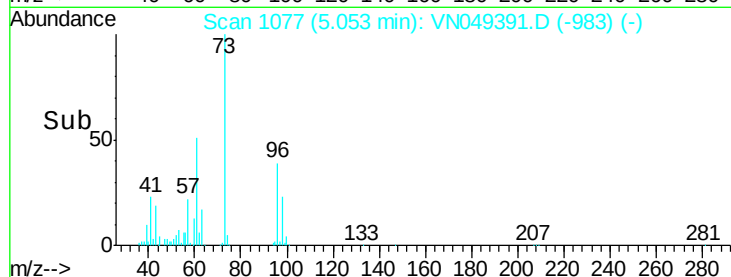
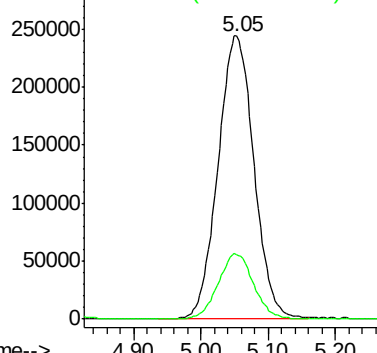
73 100

57 22.7 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VNC

Ion 57.00 (56.70 to 57.70): VNC



#20

Methylene Chloride

Concen: 19.23 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Tgt Ion: 84 Resp: 376553

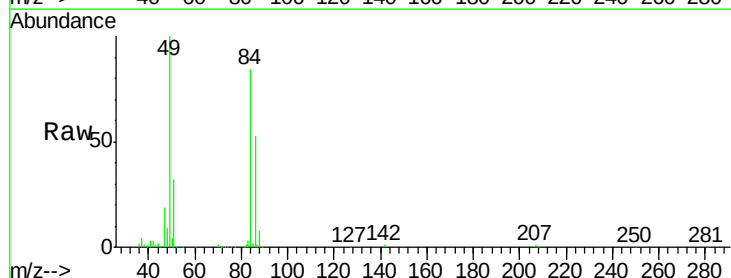
Ion Ratio Lower Upper

84 100

49 118.6 106.9 160.3

51 37.4 32.7 49.1

86 63.3 49.8 74.8

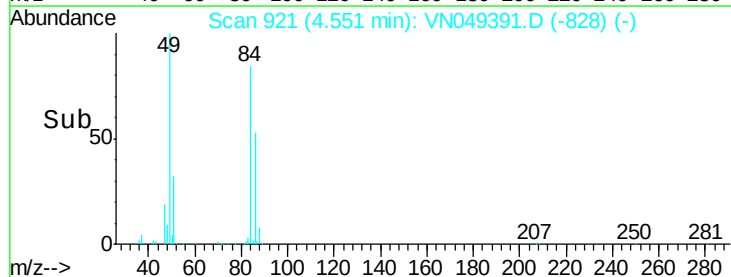
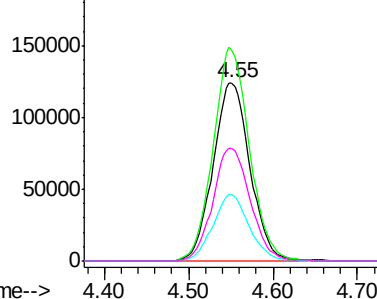


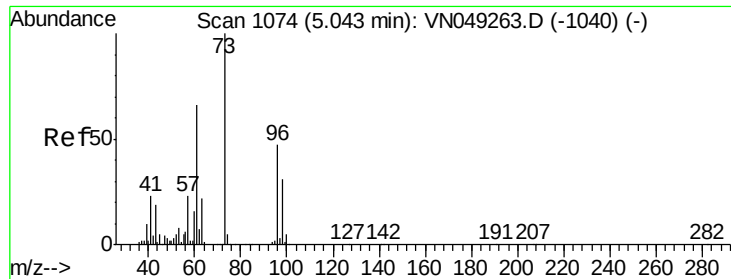
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :

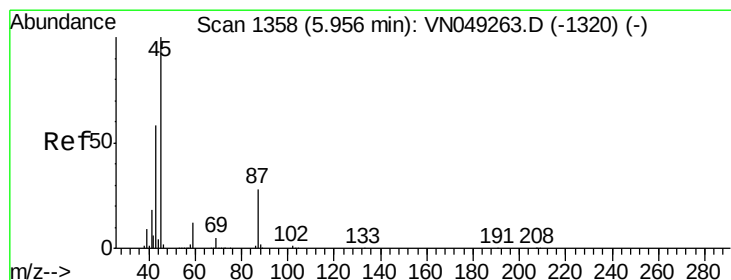
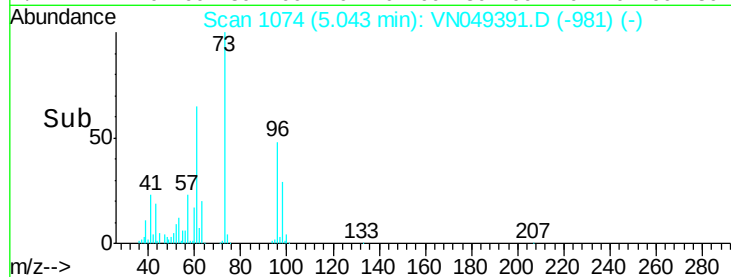
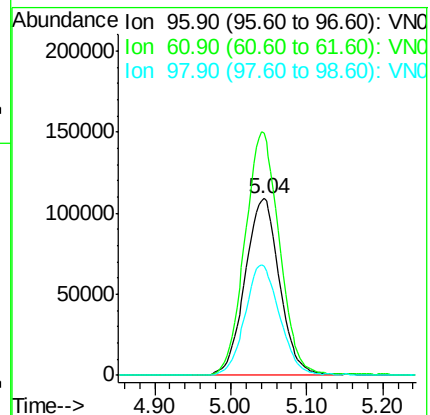
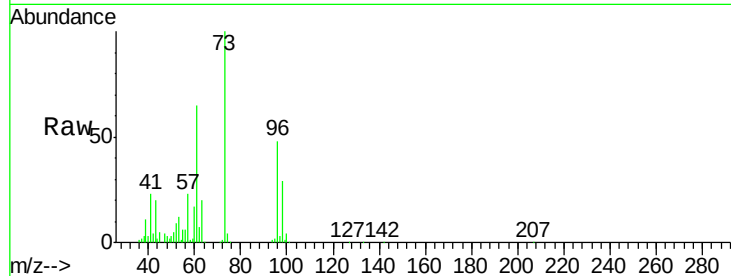
Tot Ion: 96 Resp: 344230

Ion Ratio Lower Upper

96 100

61 137.3 121.3 181.9

98 61.5 52.0 78.0



#22

Diisopropyl ether

Concen: 20.67 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Tgt Ion: 45 Resp: 1087948

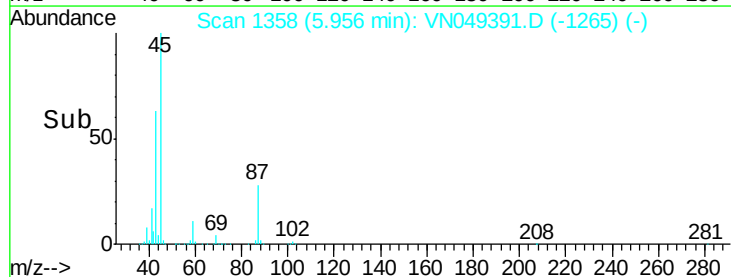
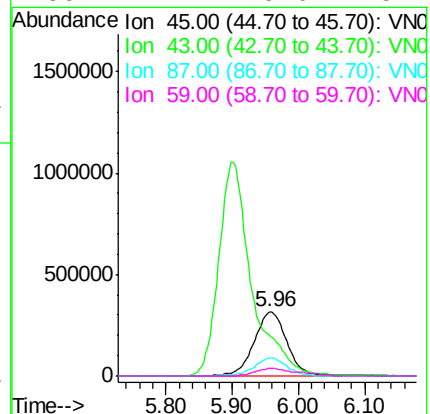
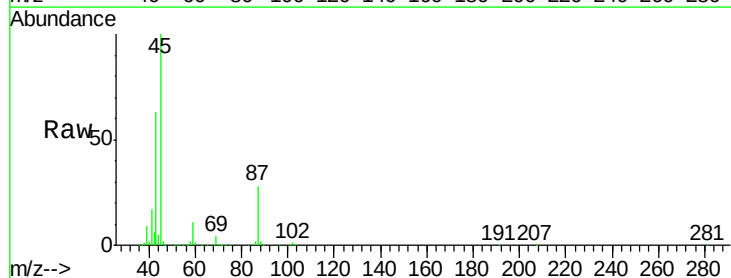
Ion Ratio Lower Upper

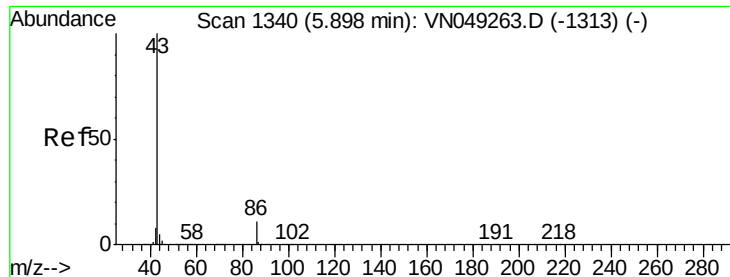
45 100

43 60.7 48.6 72.8

87 27.6 20.2 30.2

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 106.47 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

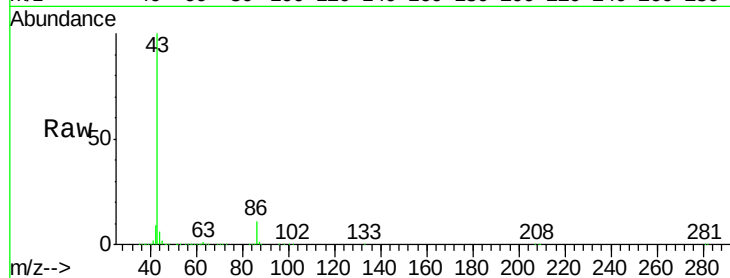
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3653791

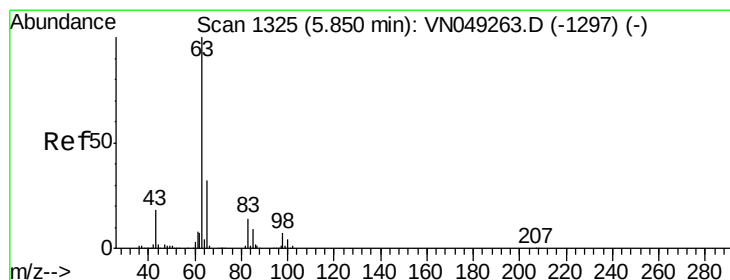
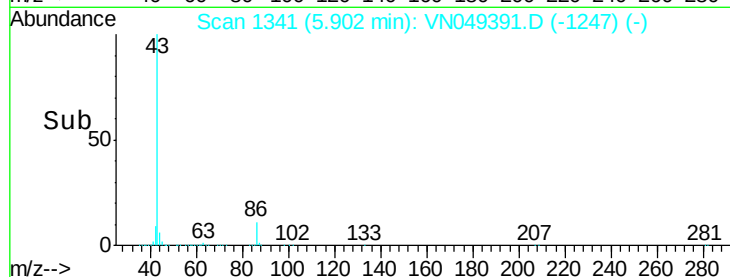
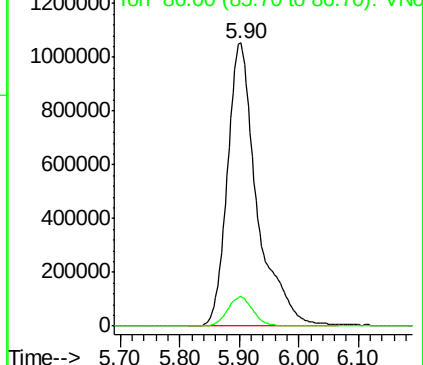
Ion Ratio Lower Upper

43 100

86 10.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049391.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 19.55 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

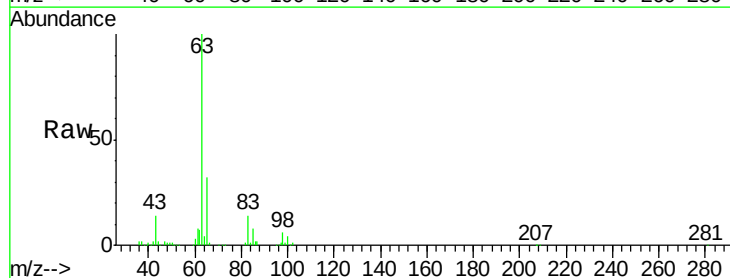
Tgt Ion: 63 Resp: 658763

Ion Ratio Lower Upper

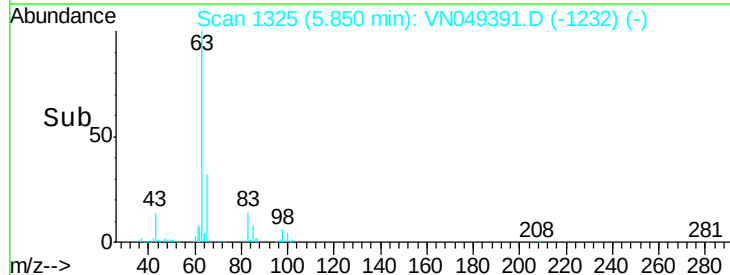
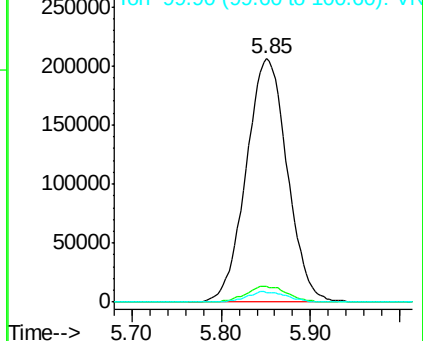
63 100

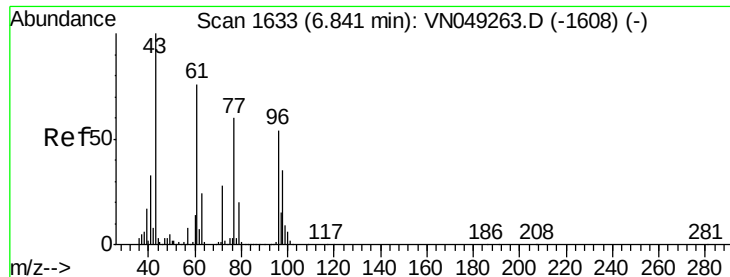
98 6.4 2.9 8.8

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049391.D (-1232) (-)





#25

2-Butanone

Concen: 108.87 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

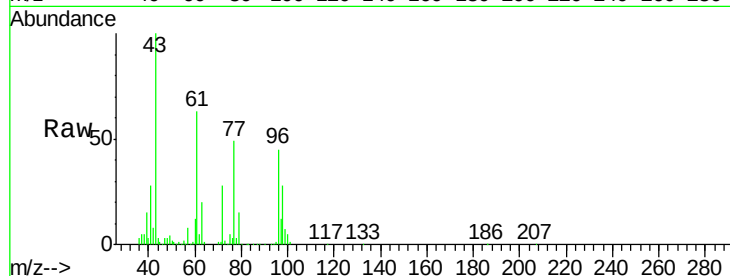
ClientSampleId :

Tot Ion: 43 Resp: 685494

Ion Ratio Lower Upper

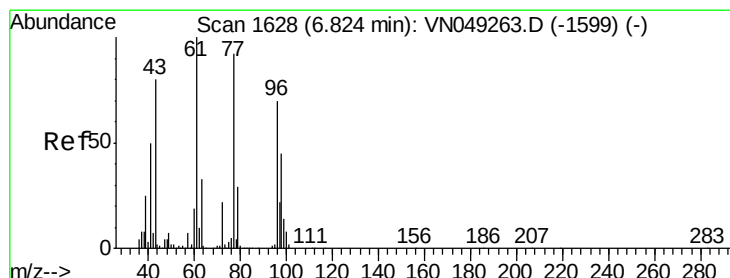
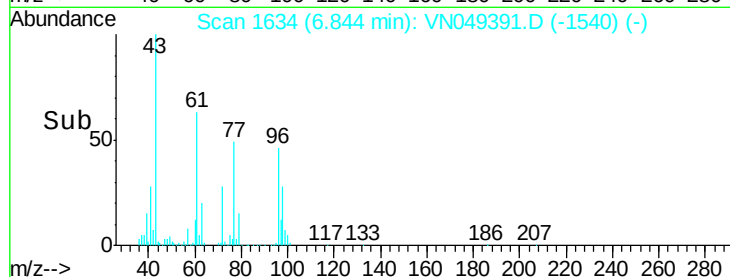
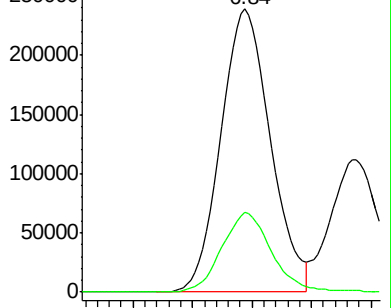
43 100

72 28.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.79 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049391.D

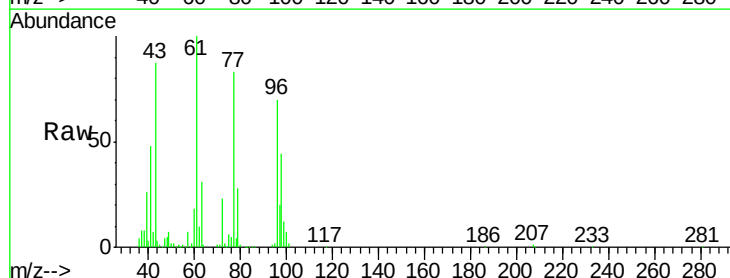
Acq: 19 Jun 2018 17:46

Tgt Ion: 77 Resp: 511291

Ion Ratio Lower Upper

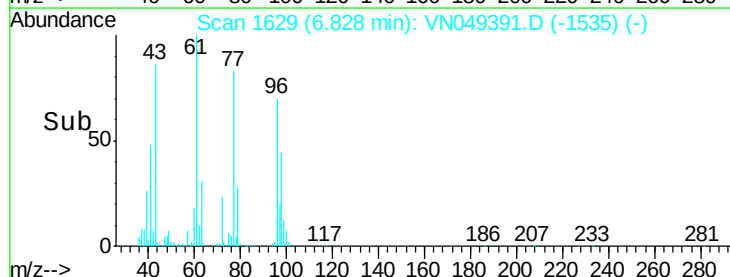
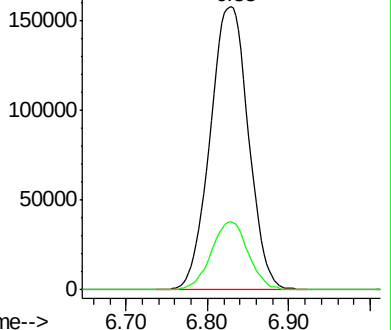
77 100

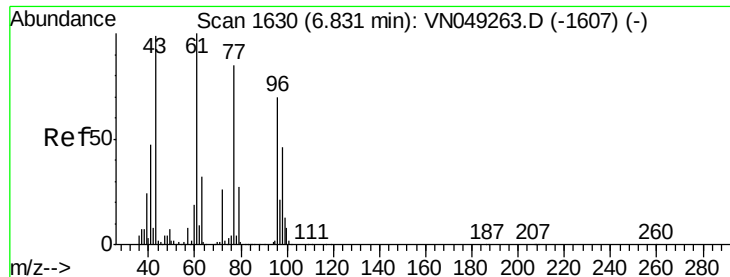
97 23.3 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.61 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :

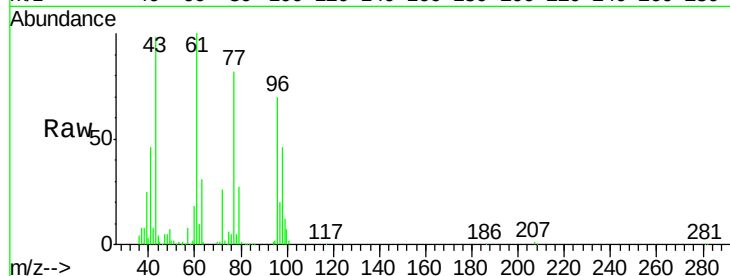
Tot Ion: 96 Resp: 385388

Ion Ratio Lower Upper

96 100

61 144.6 0.0 316.4

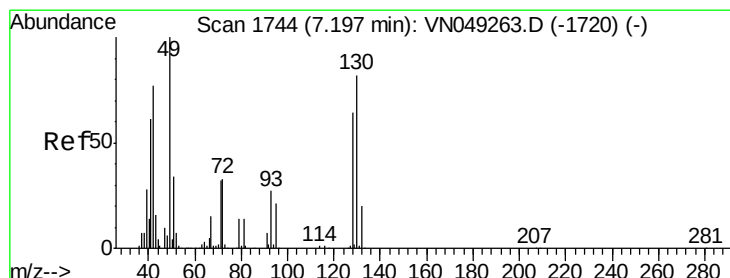
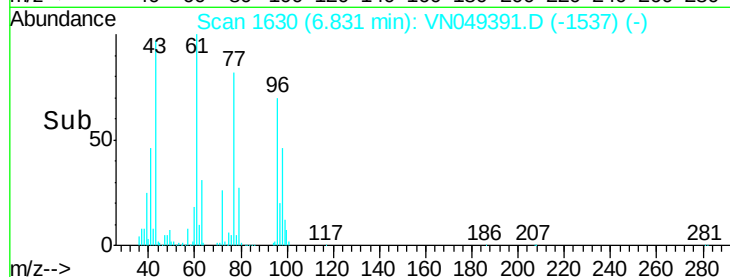
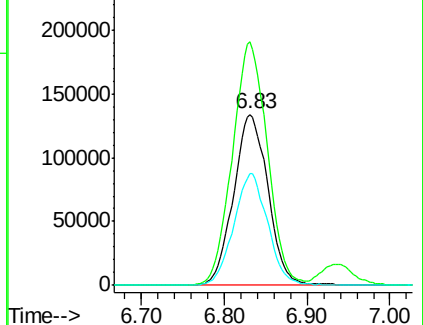
98 64.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049391.D (-1607) (-)

Ion 60.90 (60.60 to 61.60): VN049391.D (-1607) (-)

Ion 97.90 (97.60 to 98.60): VN049391.D (-1607) (-)



#28

Bromochloromethane

Concen: 18.84 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

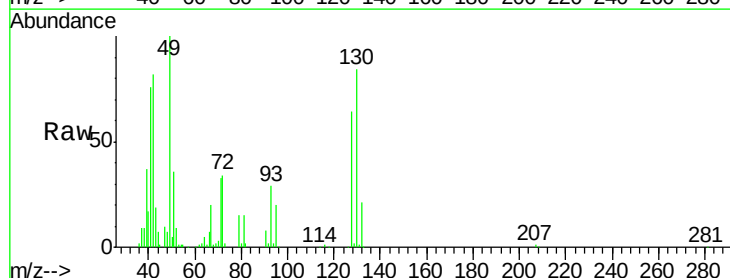
Tgt Ion: 49 Resp: 281373

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

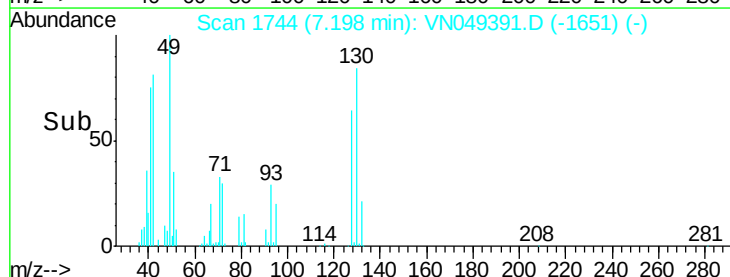
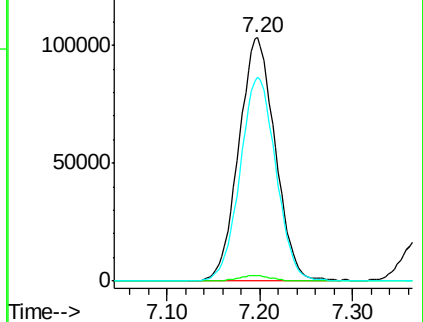
130 82.6 54.9 82.3#

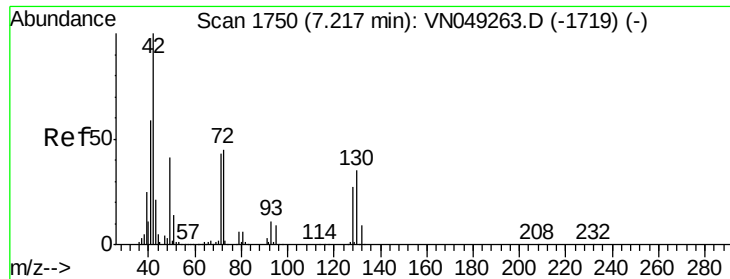


Abundance Ion 48.90 (48.60 to 49.60): VN049391.D (-1720) (-)

Ion 128.80 (128.50 to 129.50): VN049391.D (-1720) (-)

Ion 129.80 (129.50 to 130.50): VN049391.D (-1720) (-)

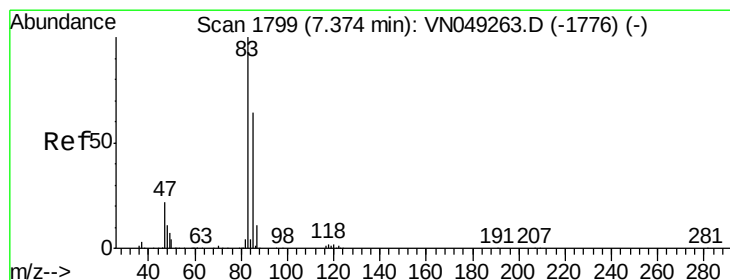
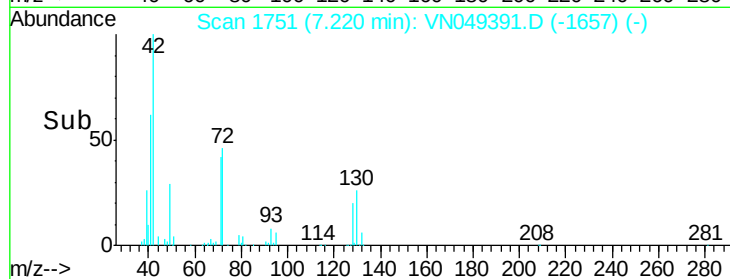
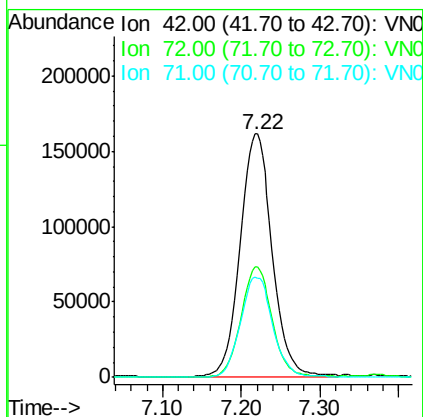
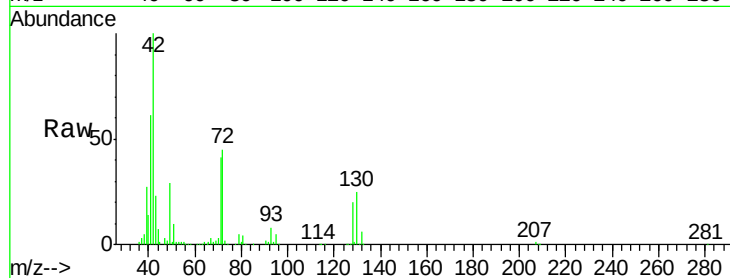




#29
Tetrahydrofuran
Concen: 113.54 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

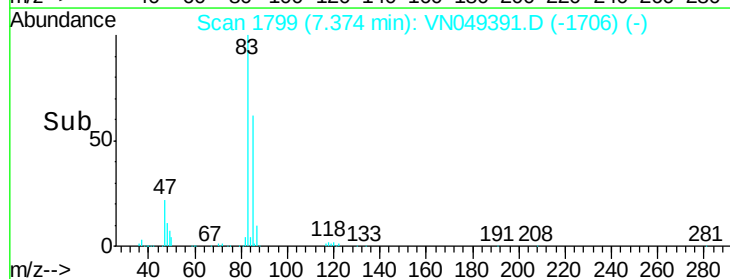
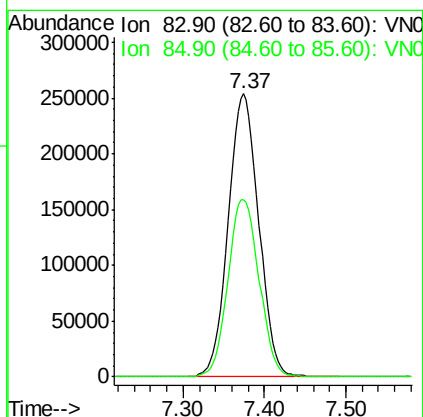
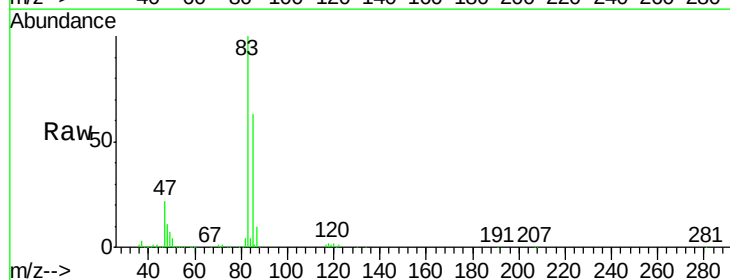
Instrument :
MSVOA_N
ClientSampleId :

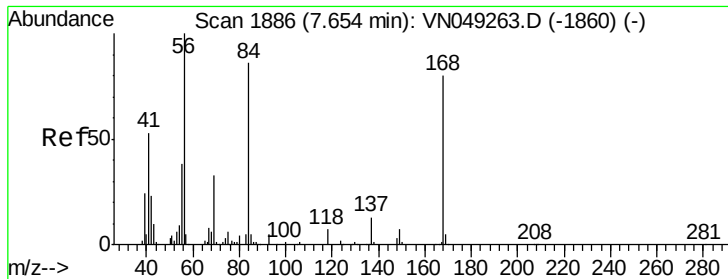
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.2	48.4
71	42.0	30.5	45.7



#30
Chloroform
Concen: 19.80 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.7	77.5





#31

Cyclohexane

Concen: 19.98 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :

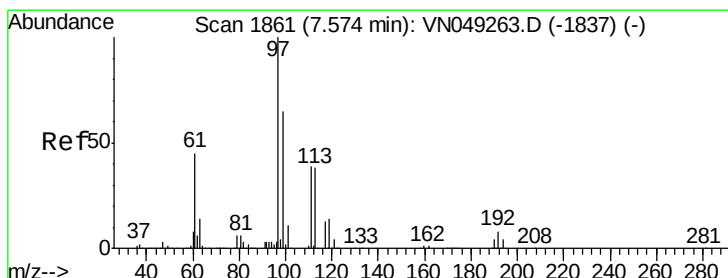
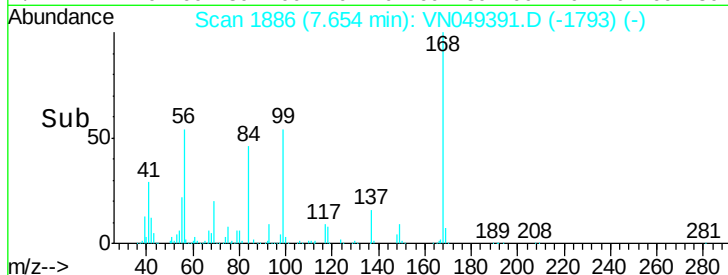
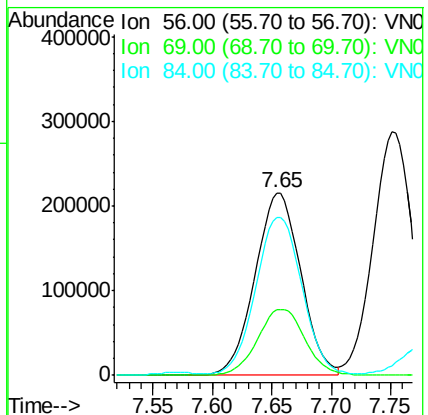
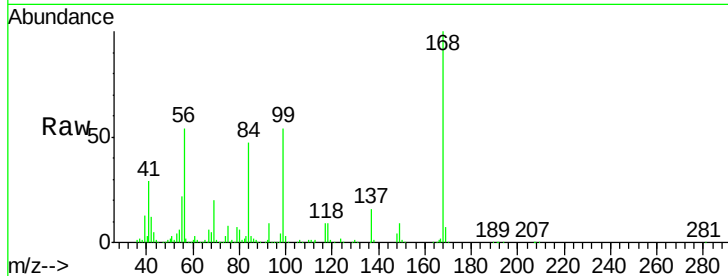
Tot Ion: 56 Resp: 573780

Ion Ratio Lower Upper

56 100

69 35.9 25.0 37.4

84 84.8 64.6 96.8



#32

1,1,1-Trichloroethane

Concen: 19.87 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

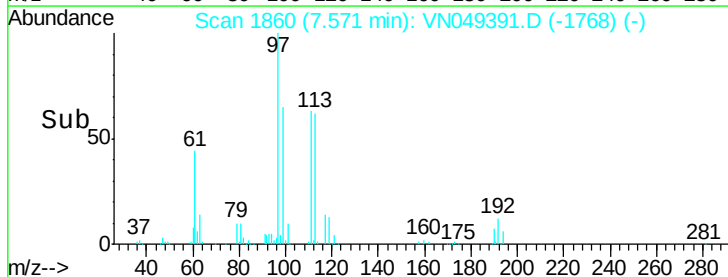
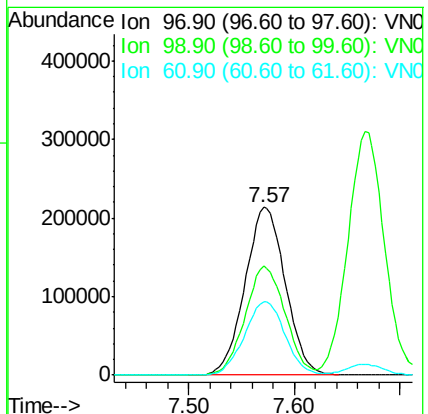
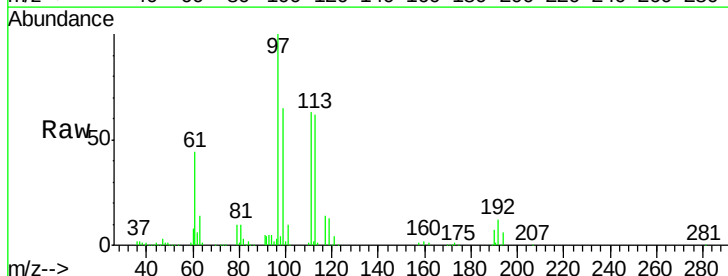
Tgt Ion: 97 Resp: 568650

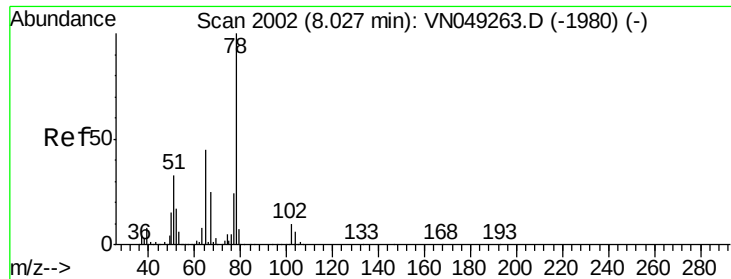
Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 44.0 37.9 56.9

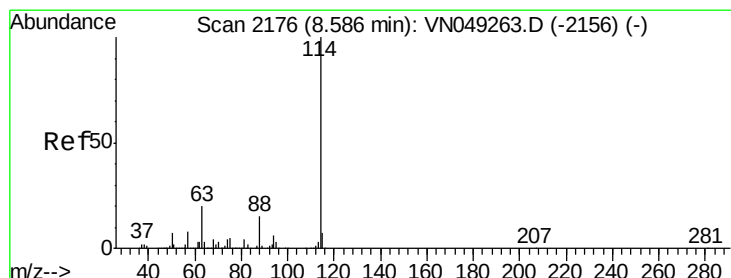
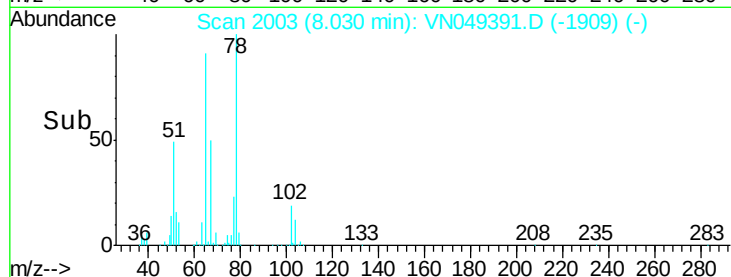
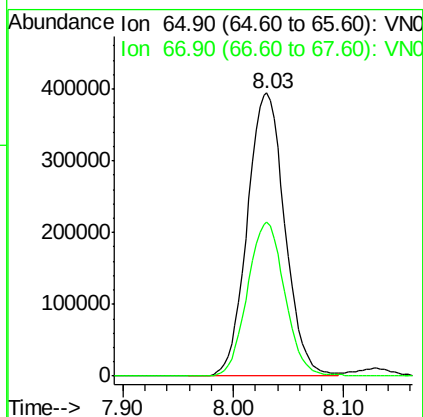
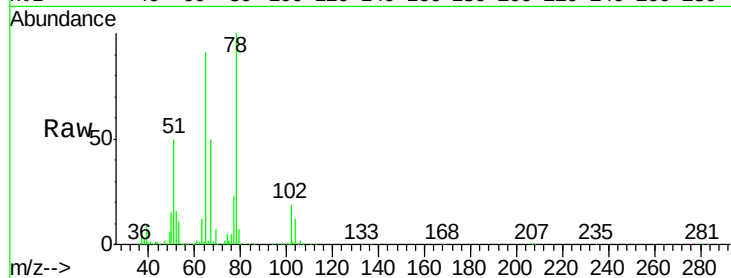




#33
 1,2-Dichloroethane-d4
 Concen: 48.08 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

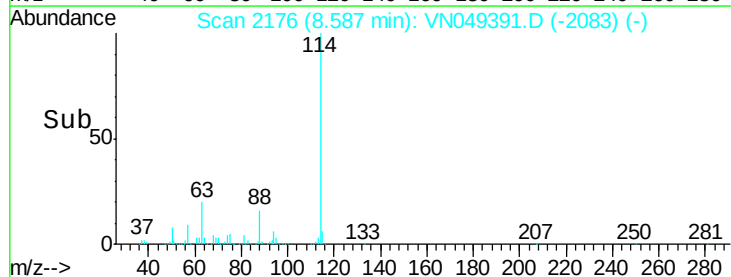
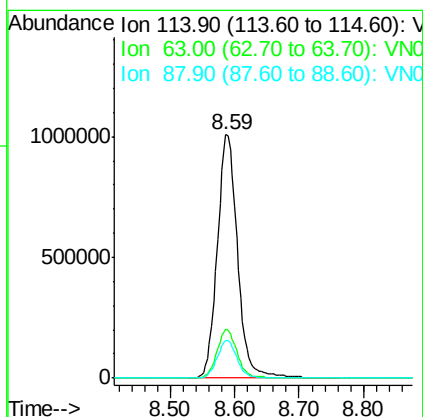
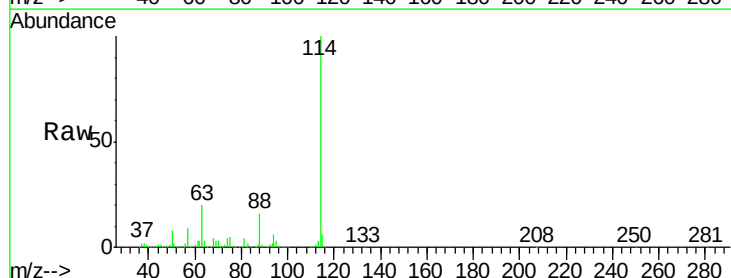
Instrument :
 MSVOA_N
 ClientSampleId :

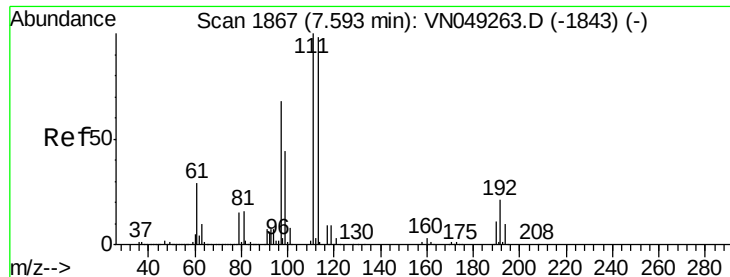
Tot Ion: 65 Resp: 928583
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion: 114 Resp: 2199131
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.7 0.0 31.4

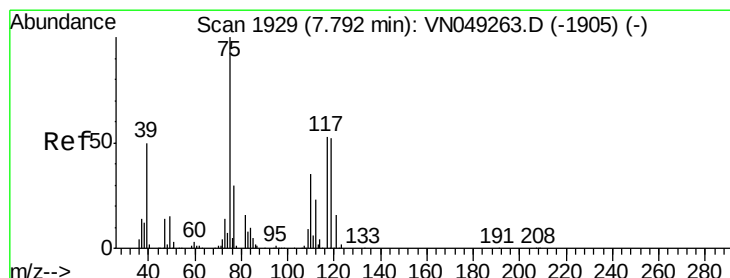
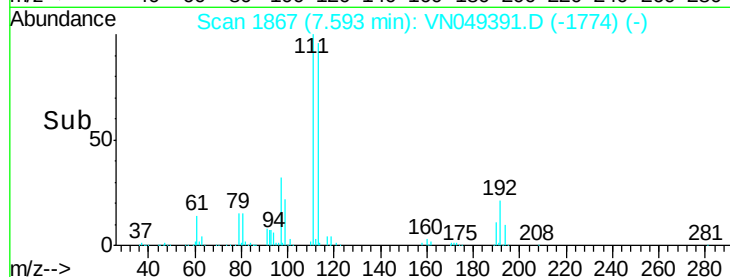
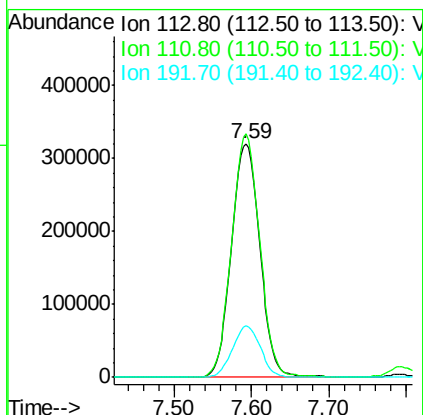
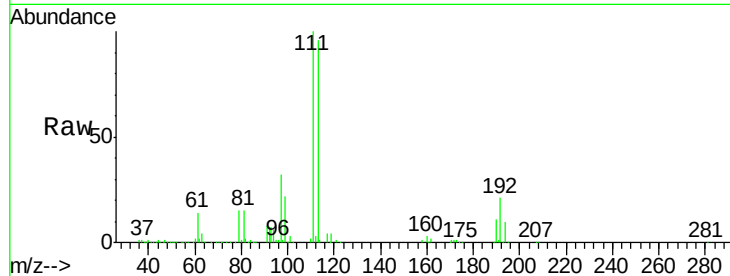




#35
 Dibromofluoromethane
 Concen: 45.95 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

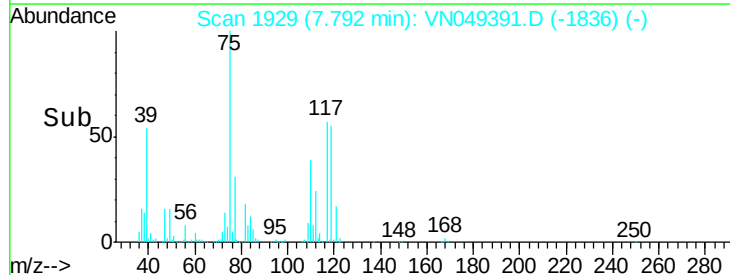
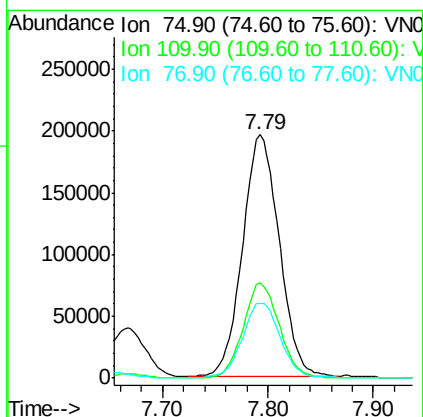
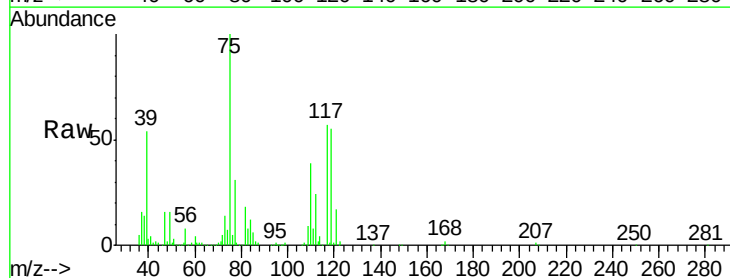
Instrument :
 MSVOA_N
 ClientSampleId :

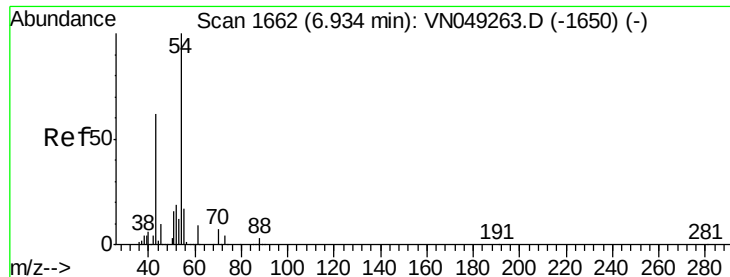
Tot Ion:113 Resp: 817626
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 21.6 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 18.87 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion: 75 Resp: 475640
 Ion Ratio Lower Upper
 75 100
 110 38.8 17.0 50.9
 77 32.0 24.4 36.6

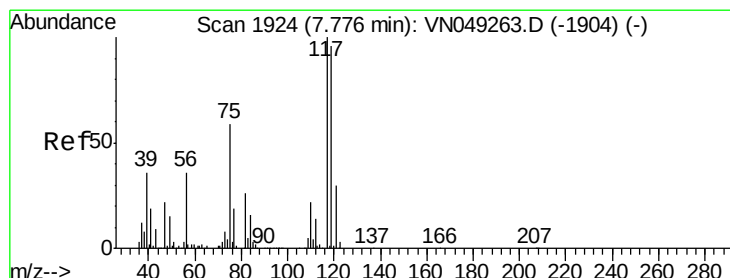
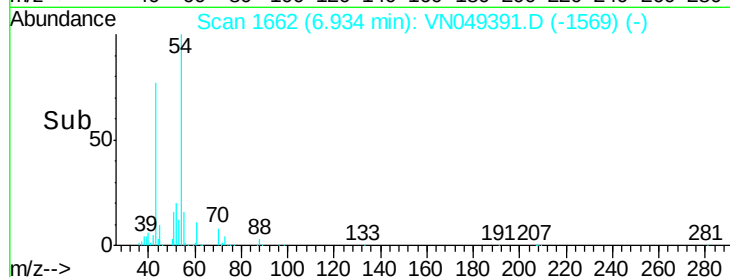
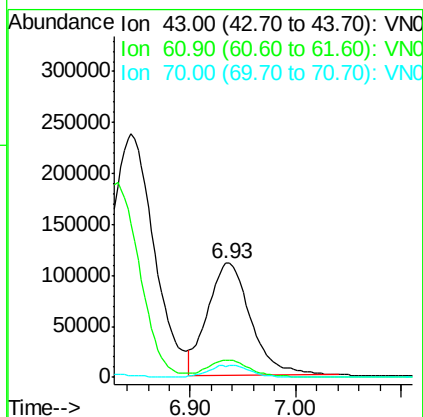
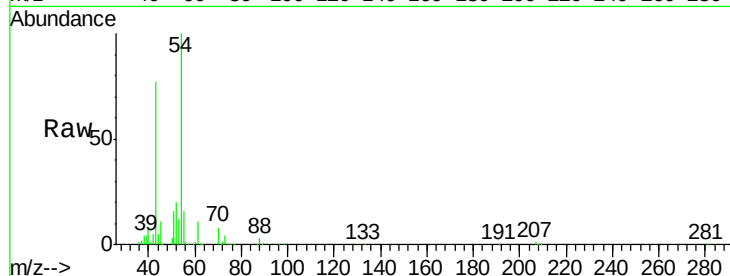




#37
Ethyl Acetate
Concen: 23.00 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

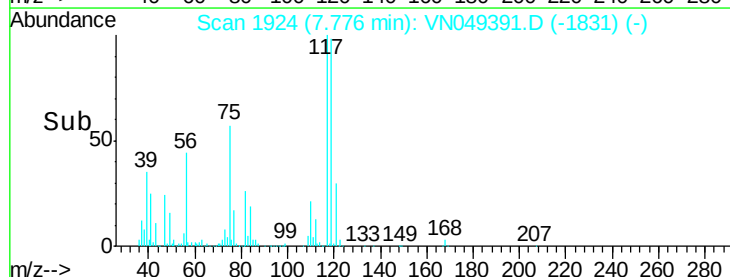
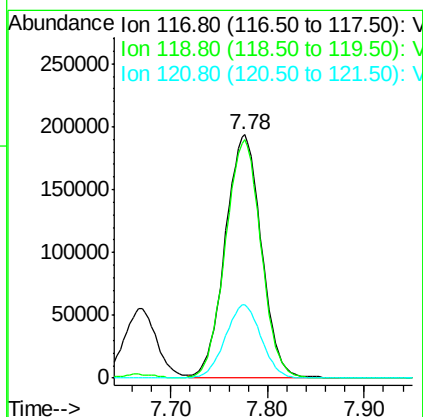
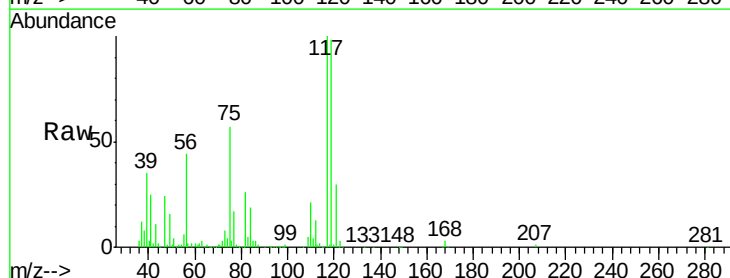
Instrument :
MSVOA_N
ClientSampled :

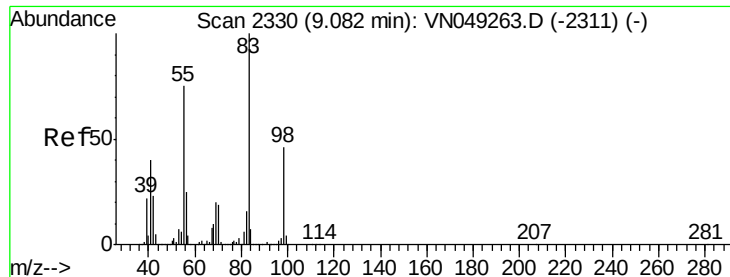
Tot Ion: 43 Resp: 315196
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 4.5 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 19.17 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 117 Resp: 500206
Ion Ratio Lower Upper
117 100
119 97.7 75.6 113.4
121 30.2 24.7 37.1

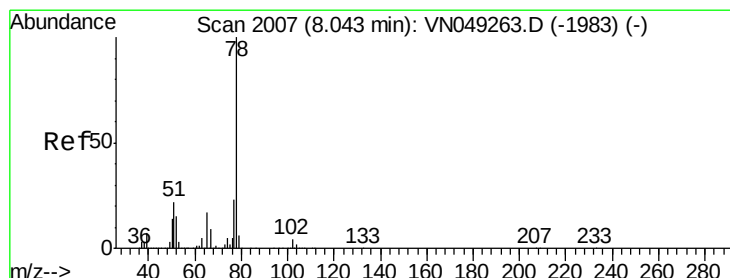
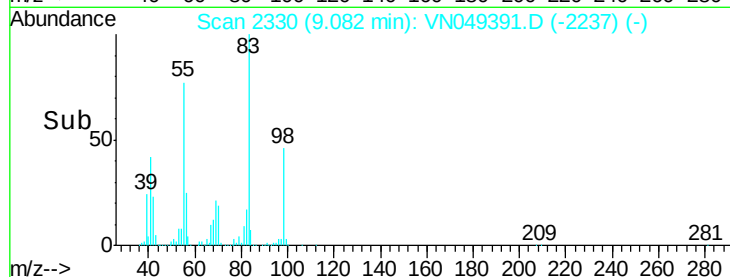
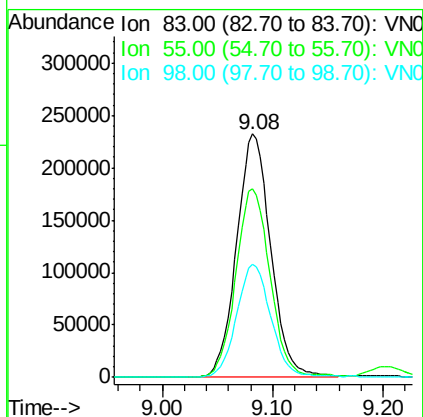
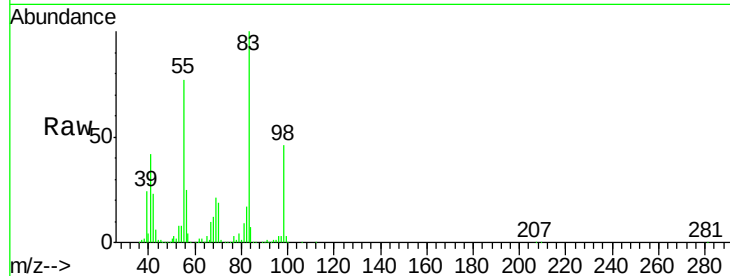




#39
Methylvlcyclohexane
Concen: 18.48 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

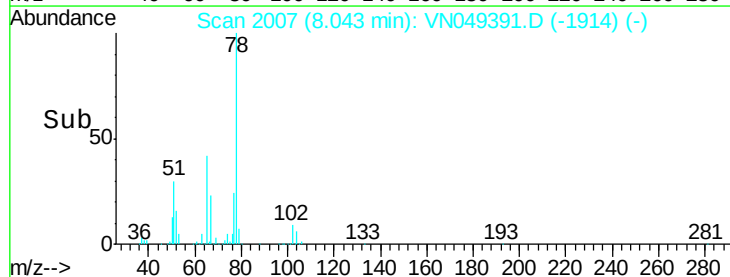
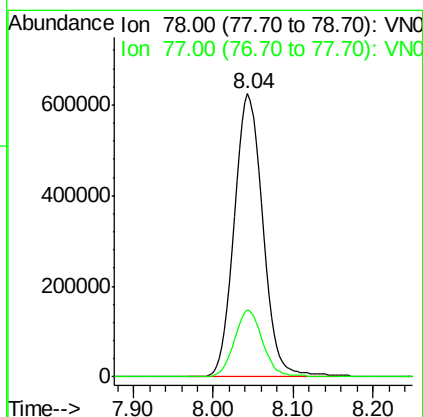
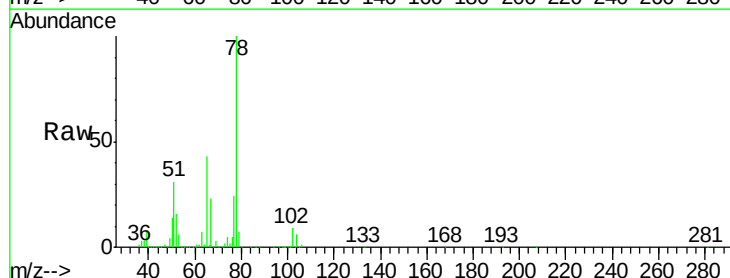
Instrument :
MSVOA_N
ClientSampleId :

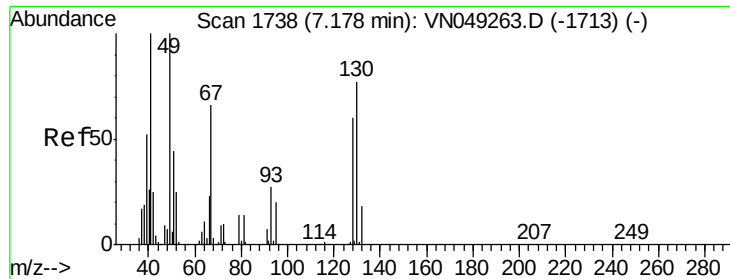
Tot Ion: 83 Resp: 500103
Ion Ratio Lower Upper
83 100
55 77.3 65.1 97.7
98 46.4 36.5 54.7



#40
Benzene
Concen: 19.53 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 78 Resp: 1509479
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

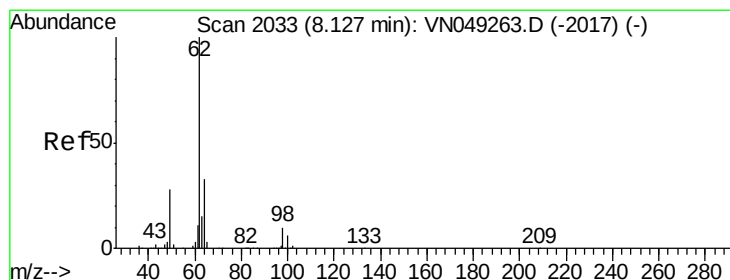
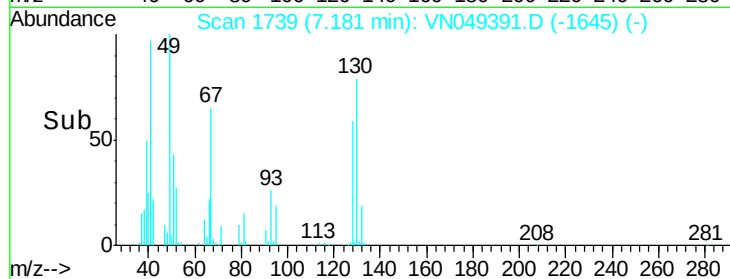
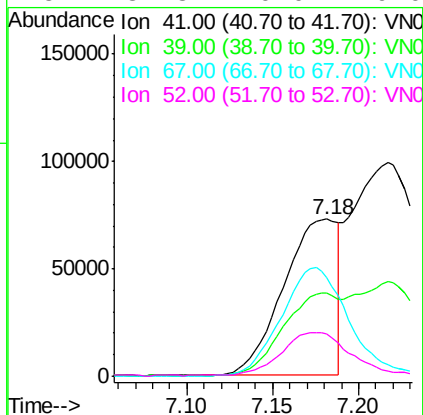
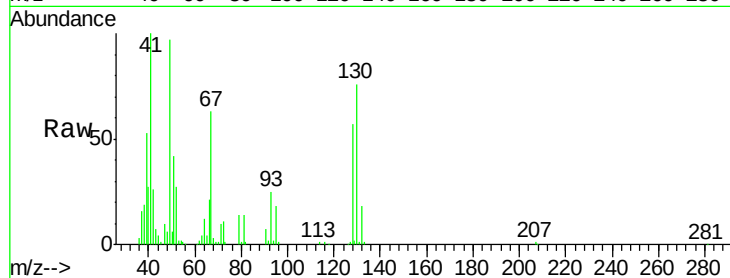




#41
Methacrylonitrile
Concen: 21.59 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

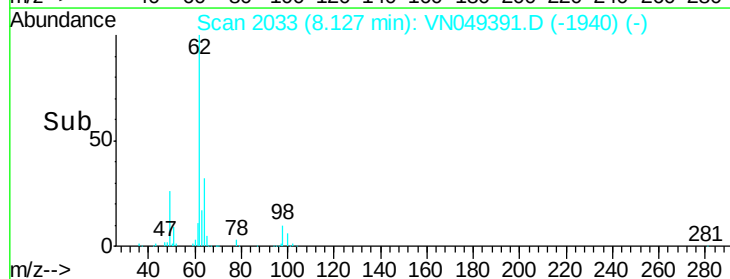
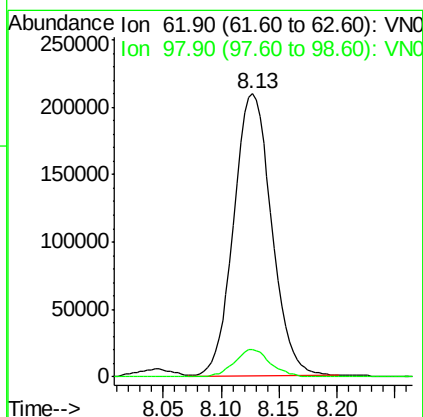
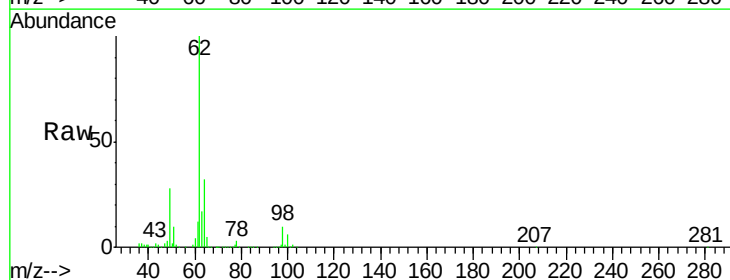
Instrument :
MSVOA_N
ClientSampled :

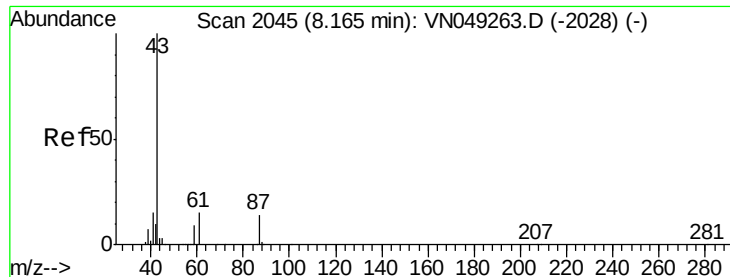
Tot Ion: 41 Resp: 159902
Ion Ratio Lower Upper
41 100
39 52.1 0.0 0.0#
67 87.4 0.0 0.0#
52 34.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.95 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 62 Resp: 476212
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.2





#43

Isopropyl Acetate

Concen: 25.46 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampleId :

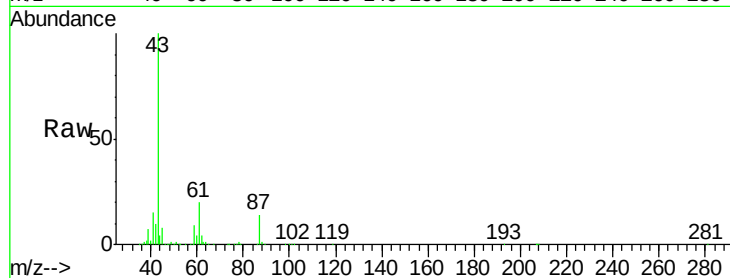
Tot Ion: 43 Resp: 666500

Ion Ratio Lower Upper

43 100

61 16.8 14.2 21.4

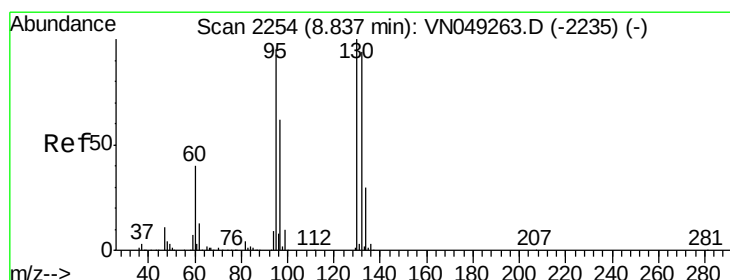
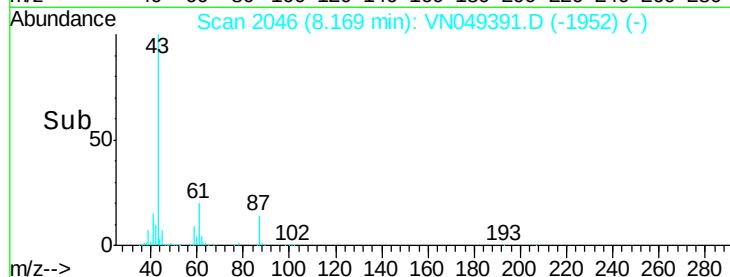
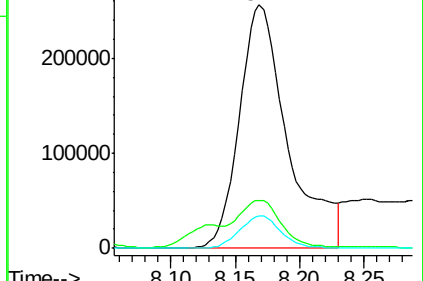
87 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049391.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049391.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049391.D (-1952) (-)



#44

Trichloroethene

Concen: 19.51 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049391.D

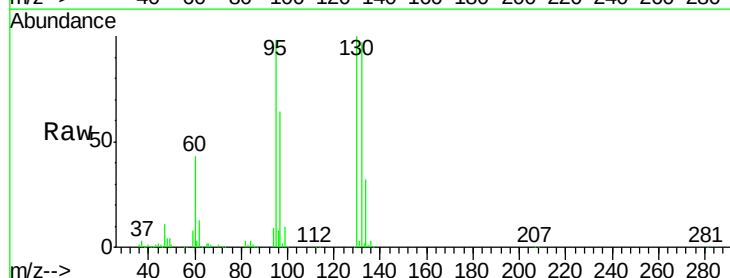
Acq: 19 Jun 2018 17:46

Tgt Ion:130 Resp: 398091

Ion Ratio Lower Upper

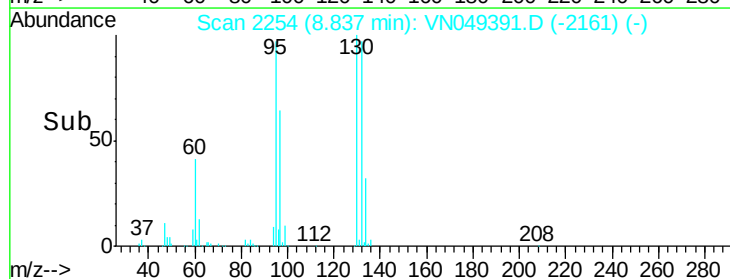
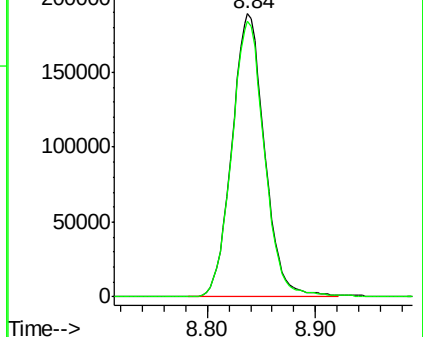
130 100

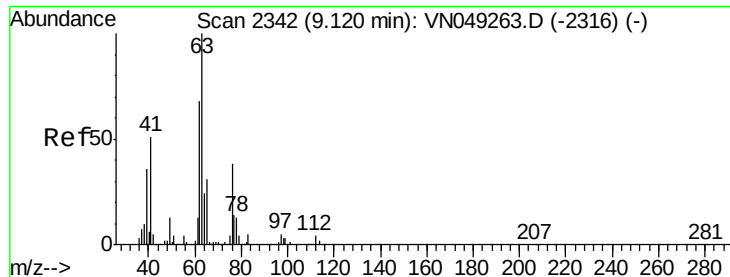
95 97.6 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049391.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049391.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 19.77 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

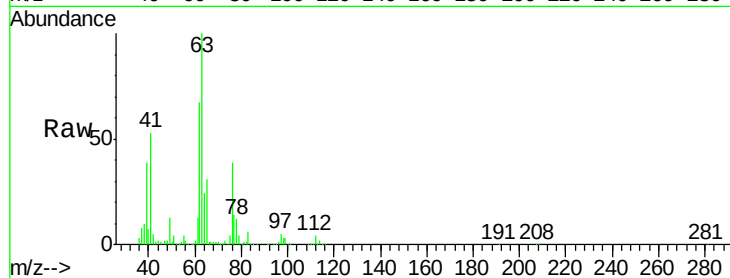
ClientSampled :

Tot Ion: 63 Resp: 400046

Ion Ratio Lower Upper

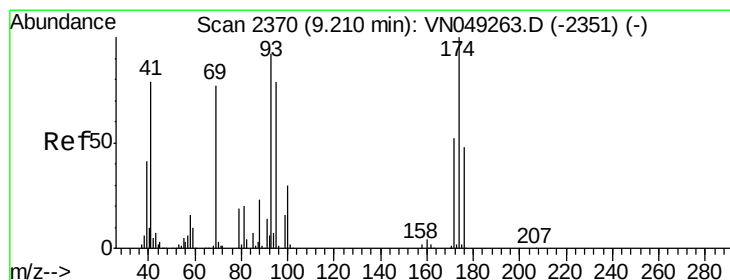
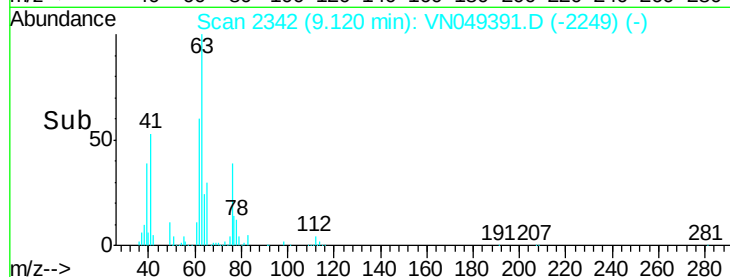
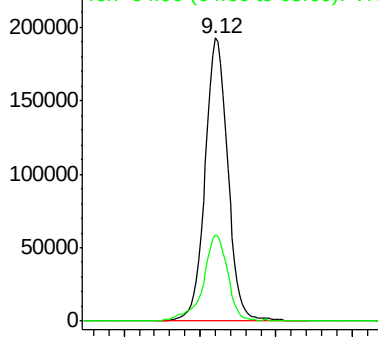
63 100

65 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.34 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

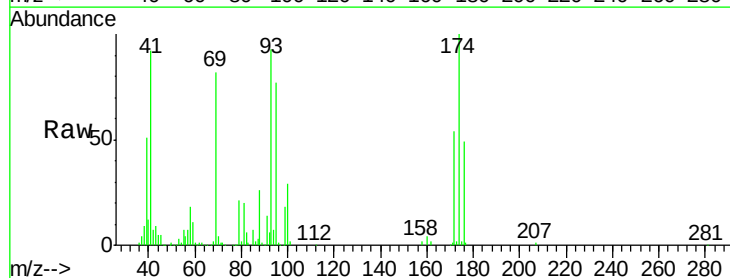
Tgt Ion: 93 Resp: 238595

Ion Ratio Lower Upper

93 100

95 84.1 67.2 100.8

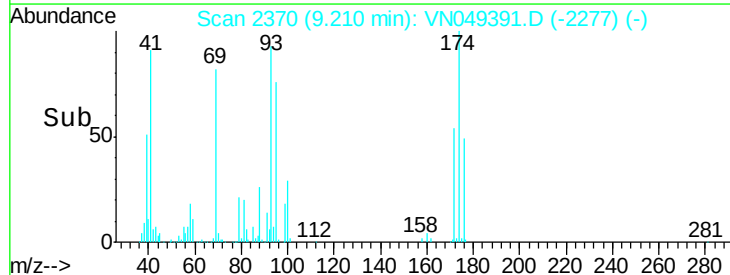
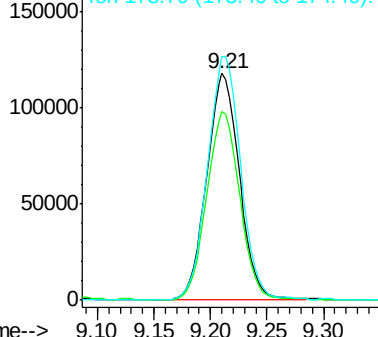
174 108.9 75.6 113.4

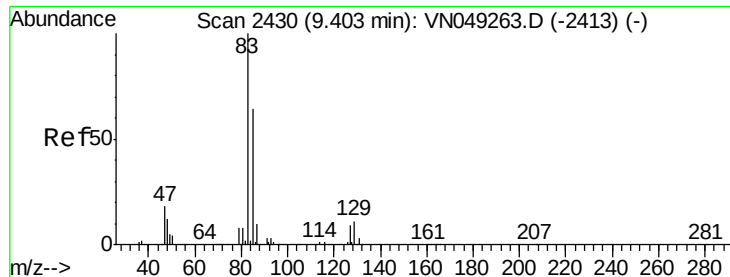


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.44 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

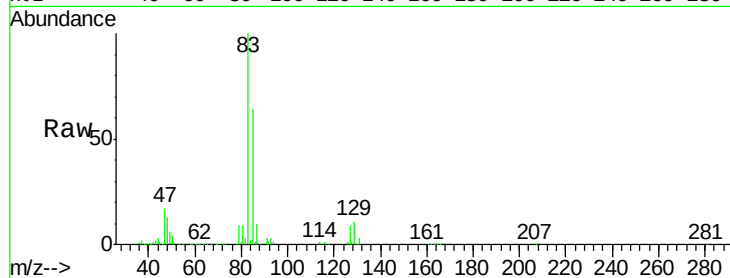
Tot Ion: 83 Resp: 501072

Ion Ratio Lower Upper

83 100

85 64.3 49.4 74.0

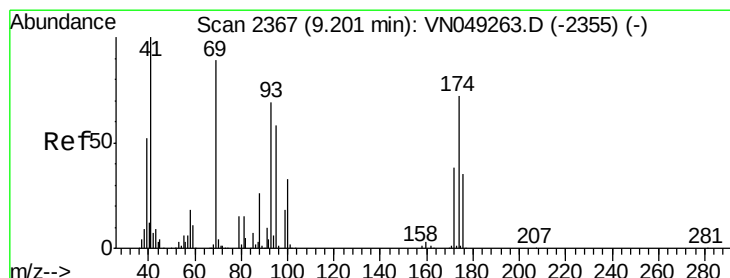
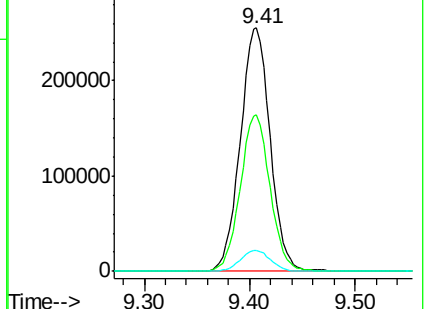
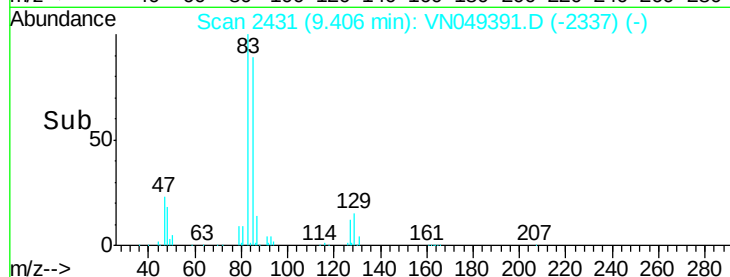
127 8.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049391.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049391.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049391.D (-2337) (-)



#48

Methyl methacrylate

Concen: 21.63 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

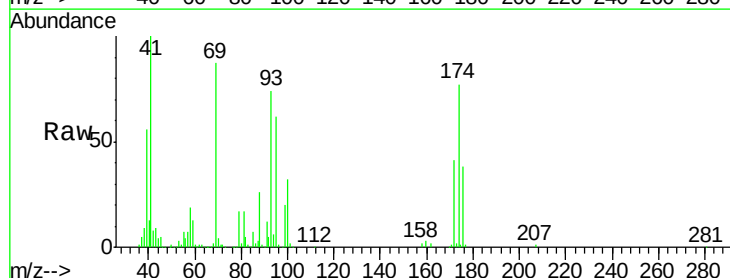
Tgt Ion: 41 Resp: 266666

Ion Ratio Lower Upper

41 100

69 92.2 62.0 93.0

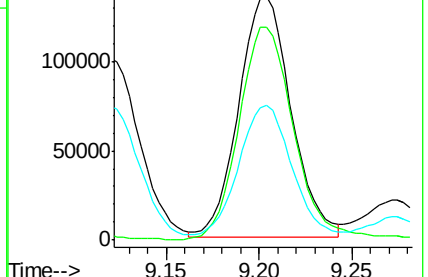
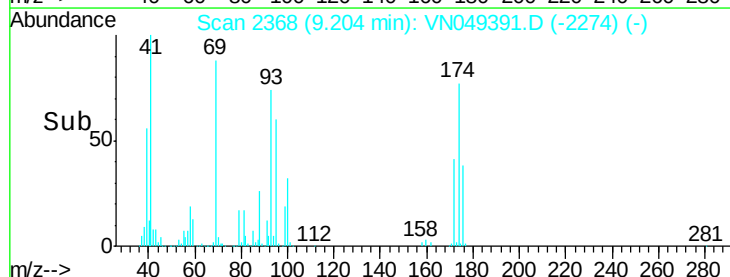
39 57.2 50.6 75.8

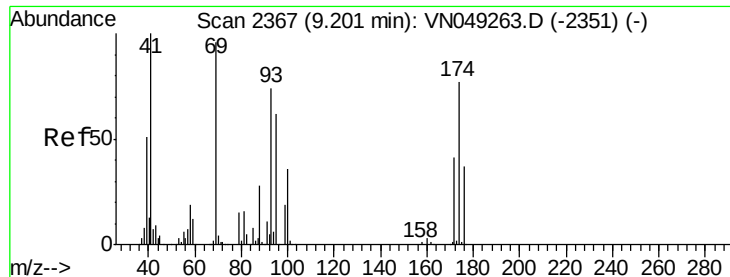


Abundance Ion 41.00 (40.70 to 41.70): VN049391.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049391.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049391.D (-2274) (-)

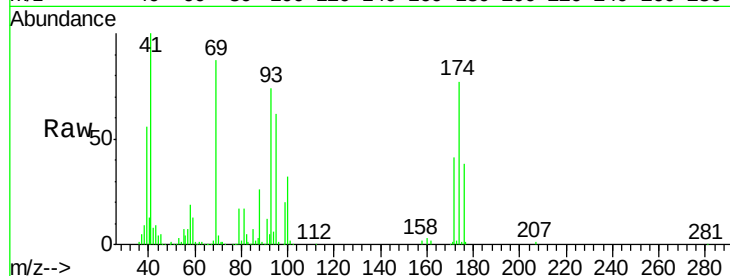




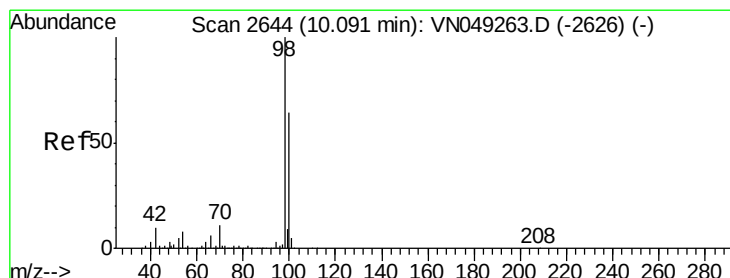
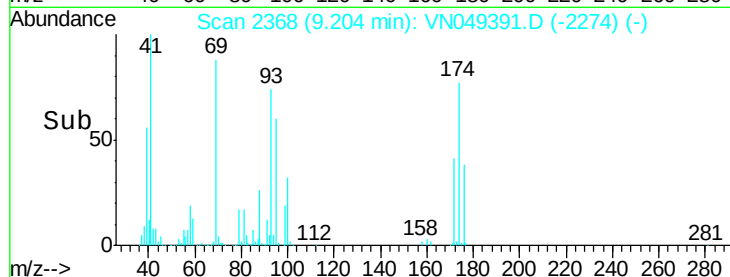
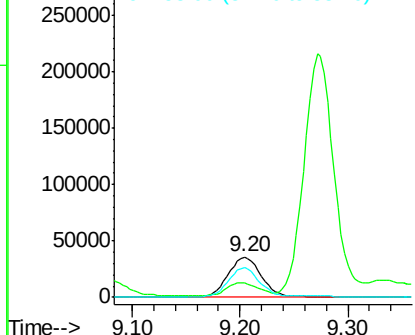
#49
1,4-Dioxane
Concen: 458.59 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 78031
Ion Ratio Lower Upper
88 100
43 32.0 30.9 46.3
58 69.0 58.9 88.3

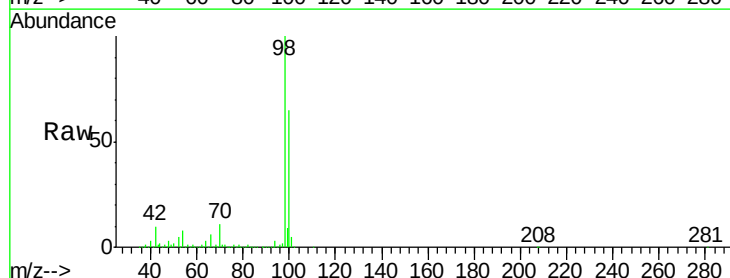


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

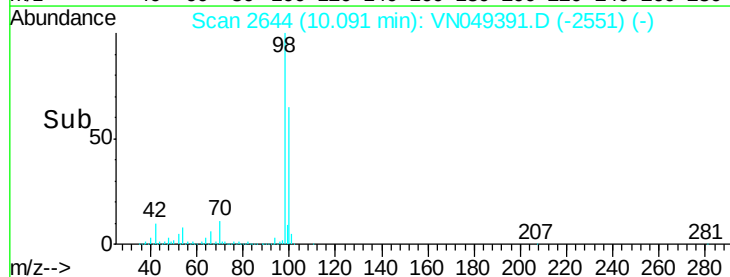
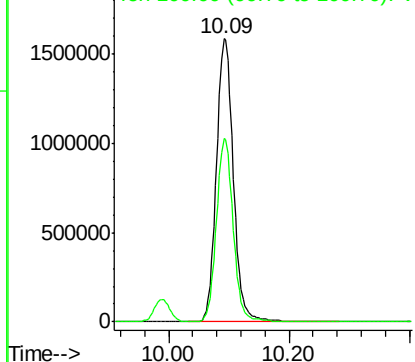


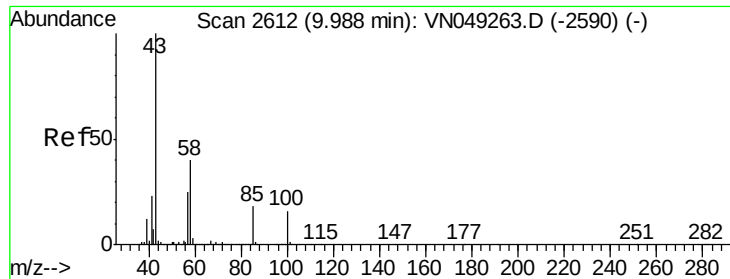
#50
Toluene-d8
Concen: 44.75 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 98 Resp: 3031675
Ion Ratio Lower Upper
98 100
100 64.4 49.8 74.8



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

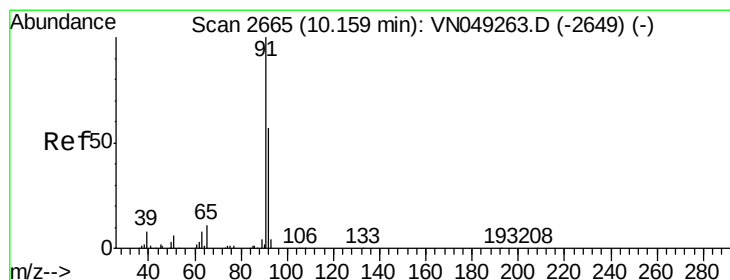
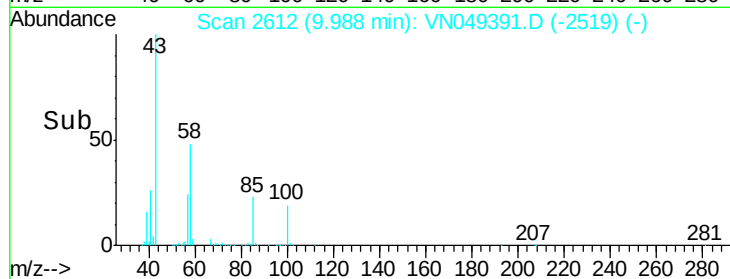
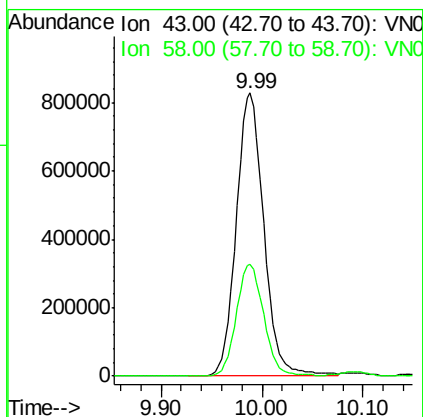
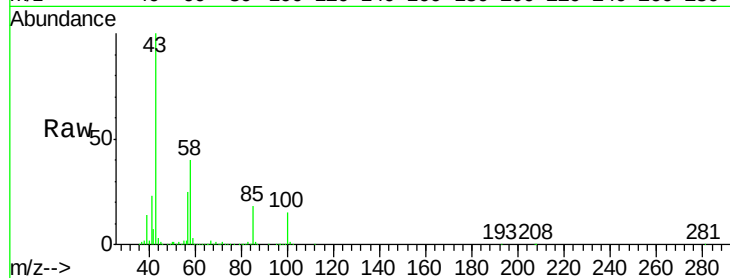




#51
 4-Methyl-2-Pentanone
 Concen: 113.92 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

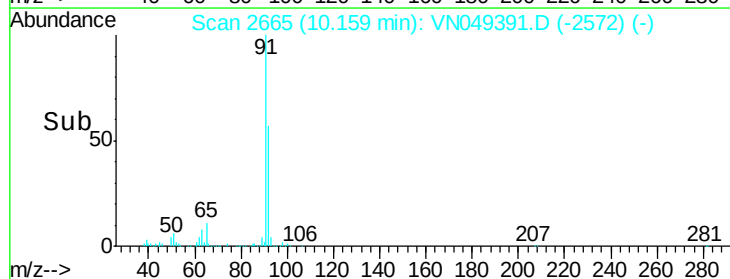
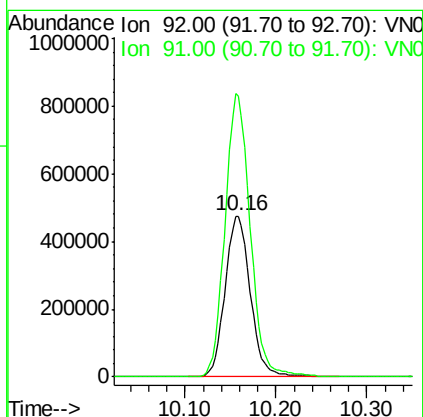
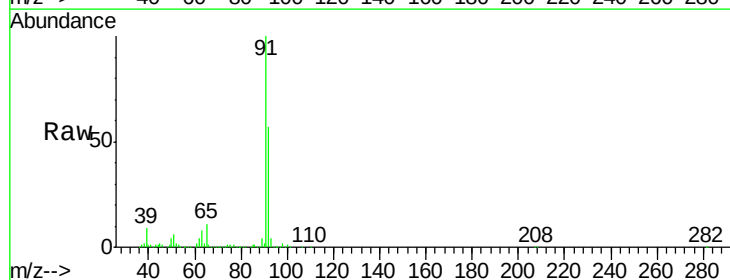
Instrument :
 MSVOA_N
 ClientSampled :

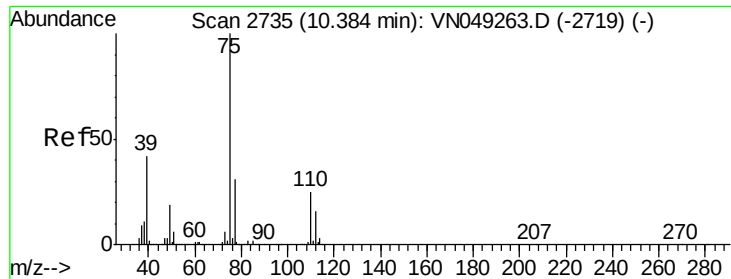
Tot Ion: 43 Resp: 1563047
 Ion Ratio Lower Upper
 43 100
 58 39.5 29.0 43.6



#52
 Toluene
 Concen: 20.24 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion: 92 Resp: 917770
 Ion Ratio Lower Upper
 92 100
 91 175.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 19.39 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

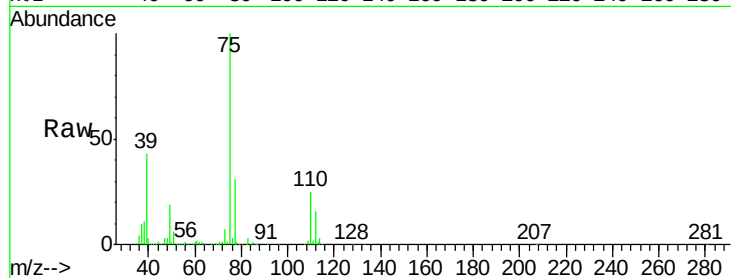
ClientSampled :

Tot Ion: 75 Resp: 478191

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

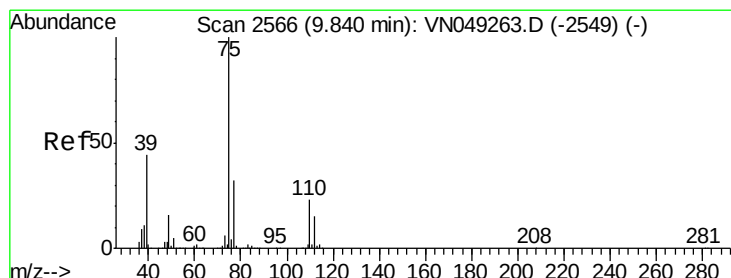
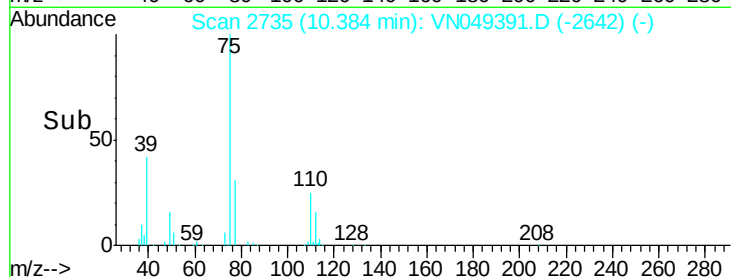
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.41 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

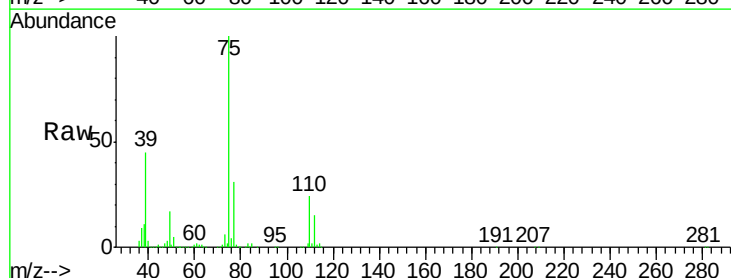
Tgt Ion: 75 Resp: 565357

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 45.2 45.1 67.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

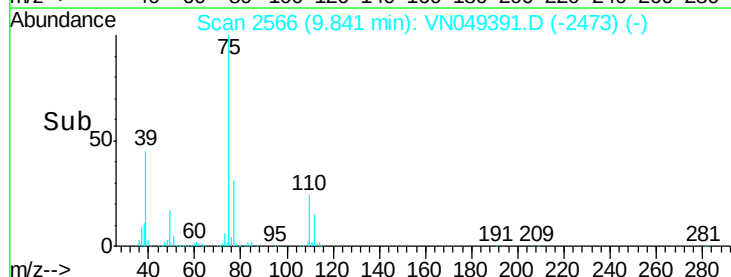
300000

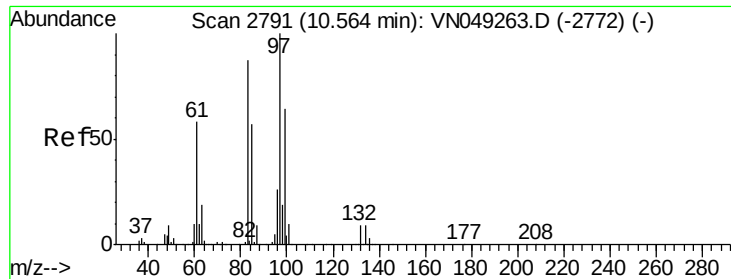
200000

100000

0

Time-->

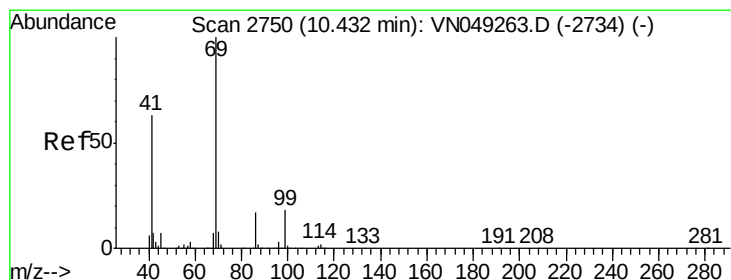
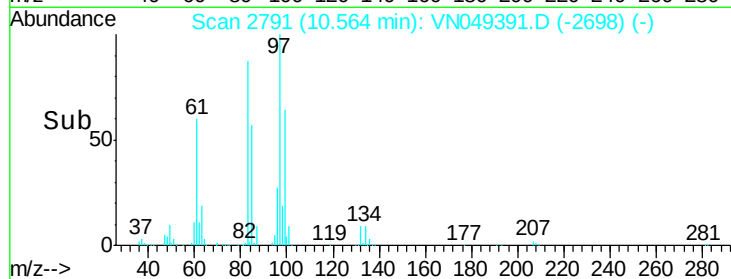
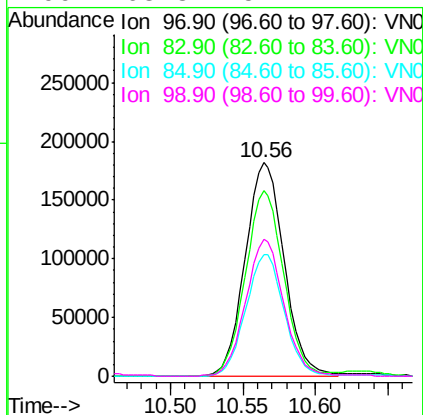
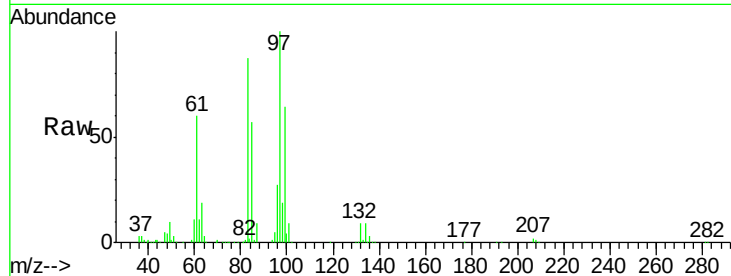




#55
 1,1,2-Trichloroethane
 Concen: 20.11 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

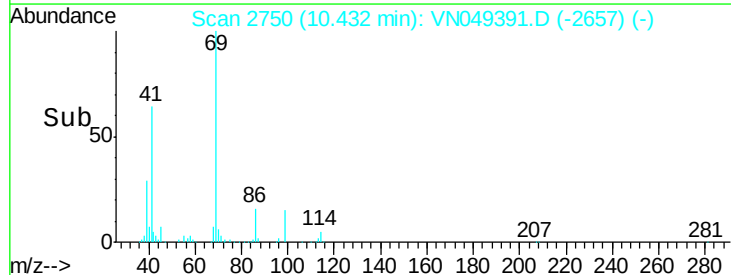
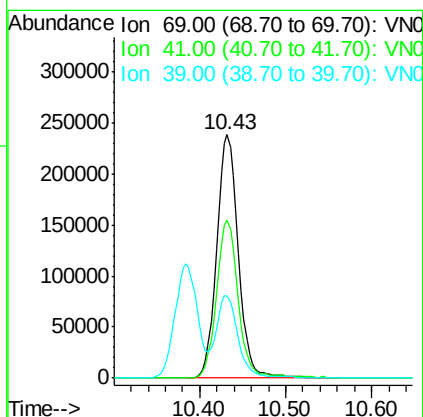
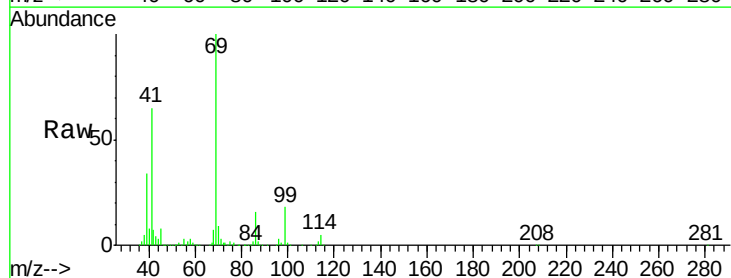
Instrument :
 MSVOA_N
 ClientSampleId :

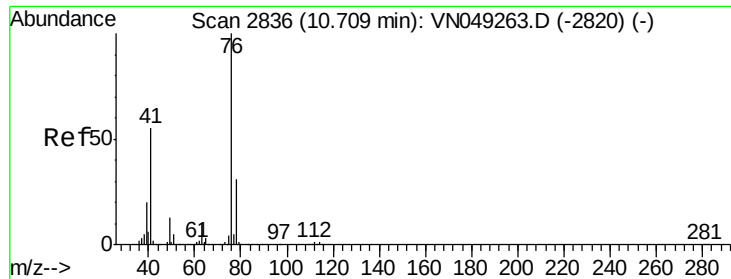
Tot Ion:	97	Resp:	340027
Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.5	107.3
85	57.2	47.0	70.4
99	63.8	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 21.34 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion:	69	Resp:	416235
Ion	Ratio	Lower	Upper
69	100		
41	64.3	58.4	87.6
39	34.2	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 20.27 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

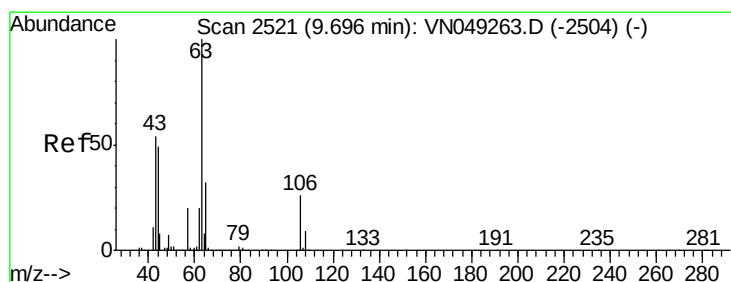
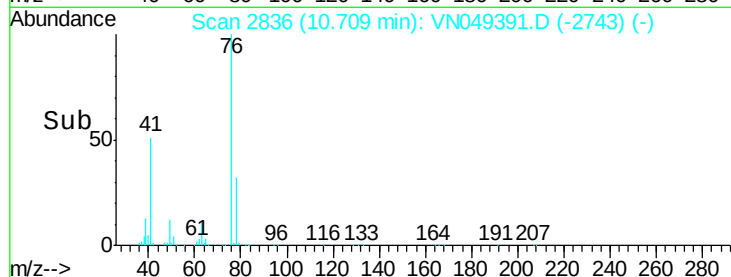
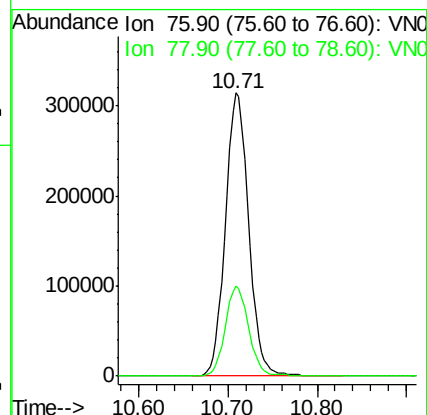
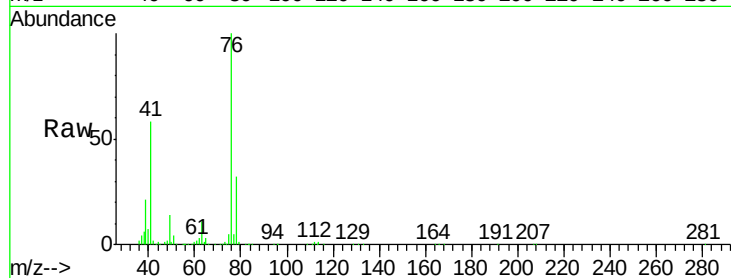
ClientSampleId :

Tot Ion: 76 Resp: 567651

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 87.30 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049391.D

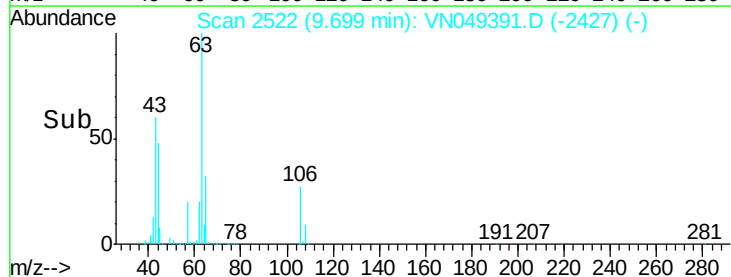
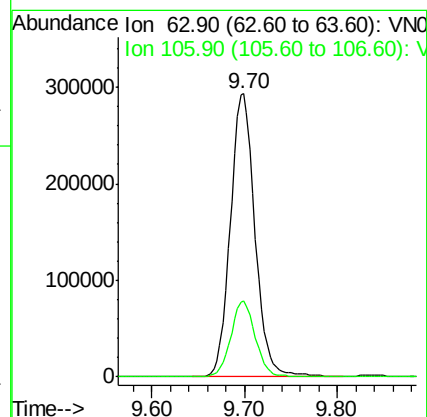
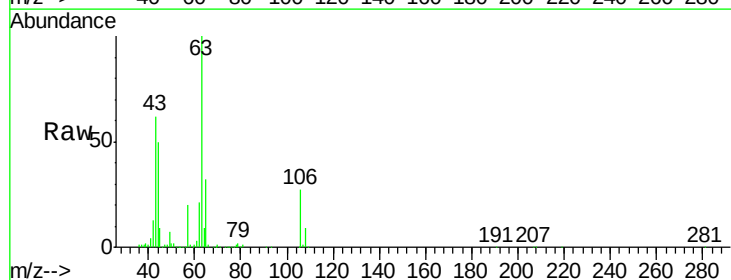
Acq: 19 Jun 2018 17:46

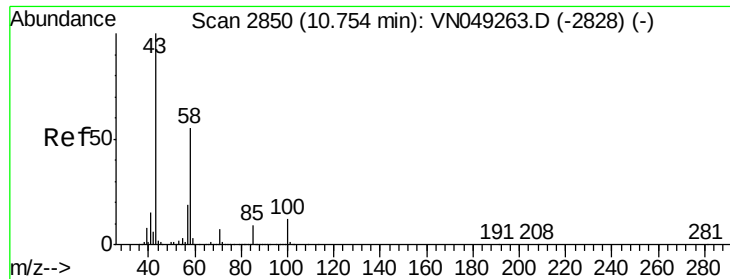
Tgt Ion: 63 Resp: 539797

Ion Ratio Lower Upper

63 100

106 26.7 19.4 29.2

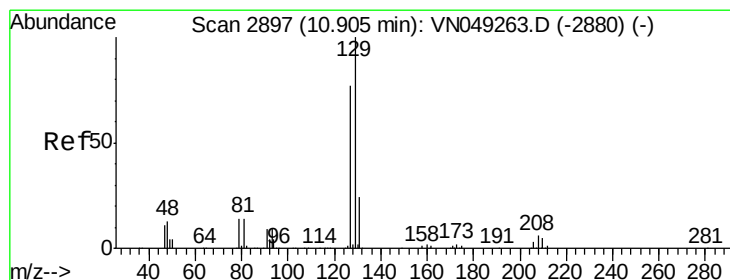
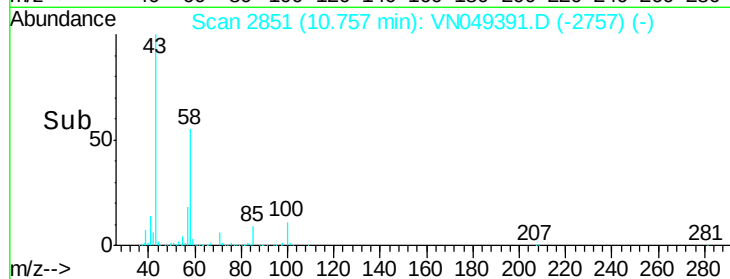
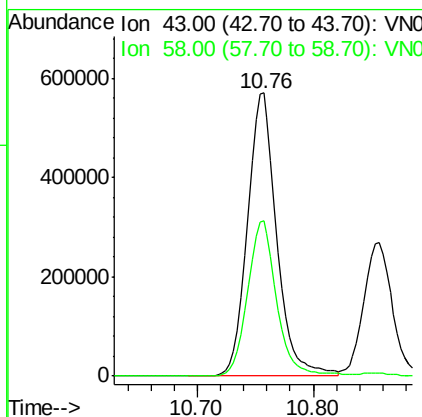
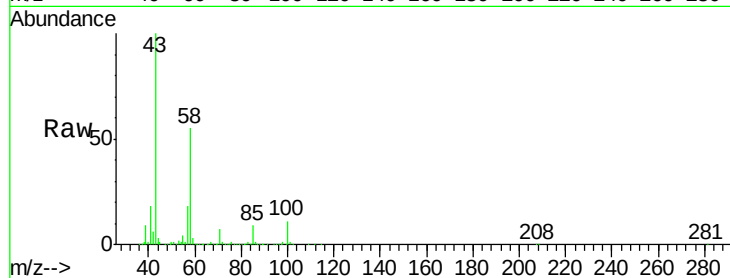




#59
2-Hexanone
Concen: 113.24 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

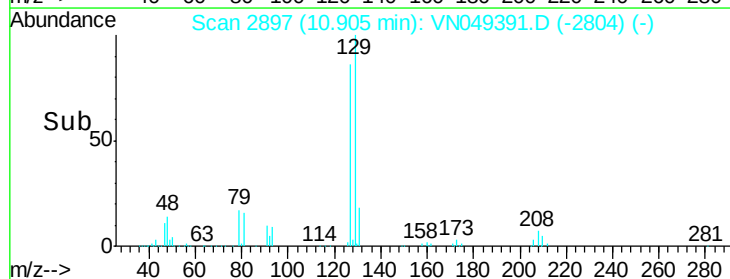
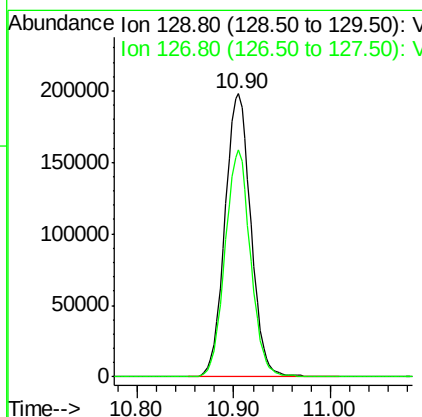
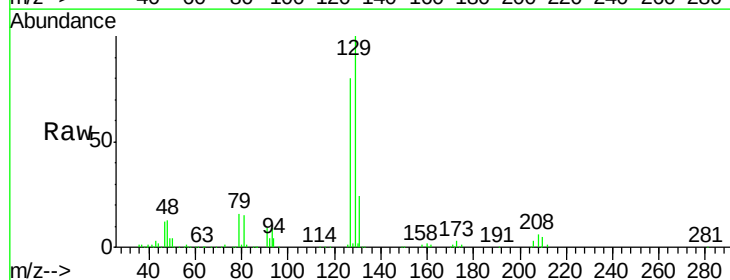
Instrument :
MSVOA_N
ClientSampled :

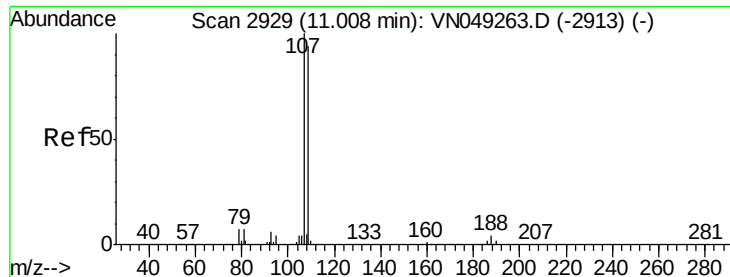
Tot Ion: 43 Resp: 1001746
Ion Ratio Lower Upper
43 100
58 54.9 25.2 75.6



#60
Dibromochloromethane
Concen: 19.52 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 129 Resp: 368388
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

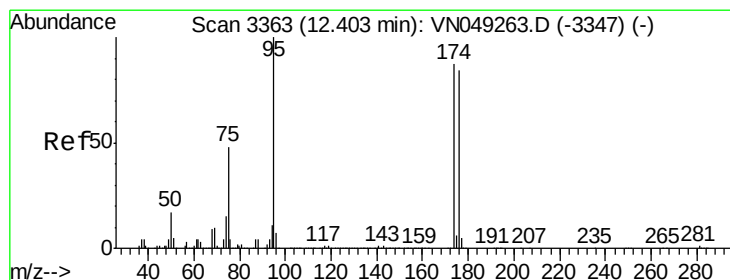
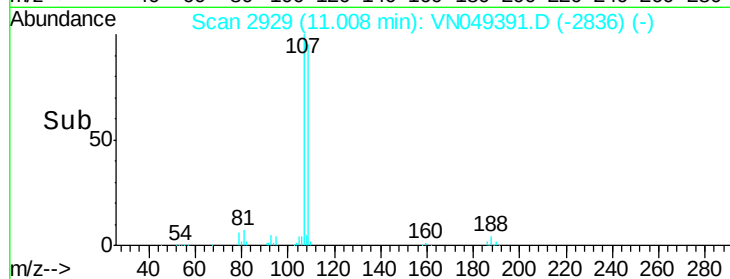
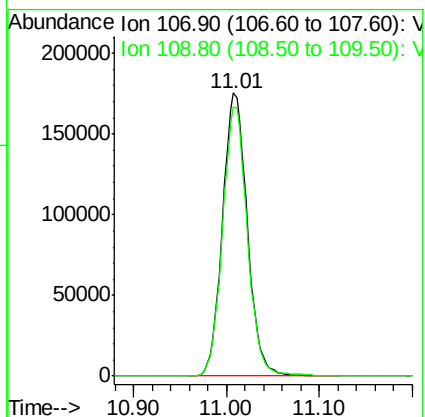
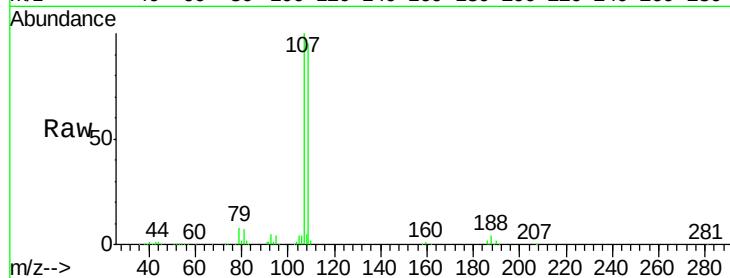
ClientSampleId :

Tot Ion: 107 Resp: 325625

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 44.92 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

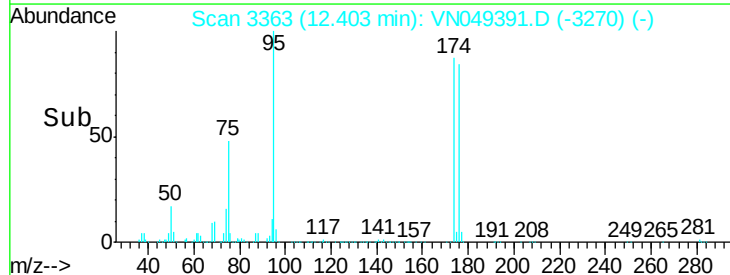
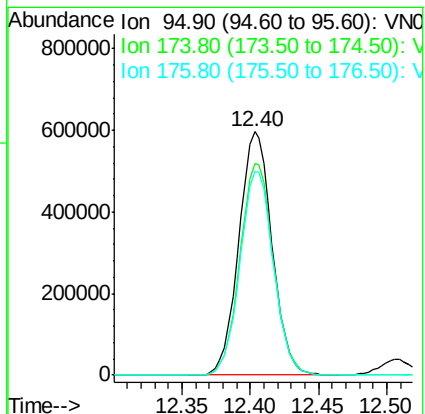
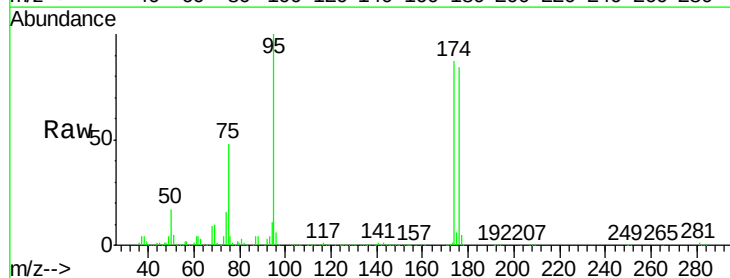
Tgt Ion: 95 Resp: 1006259

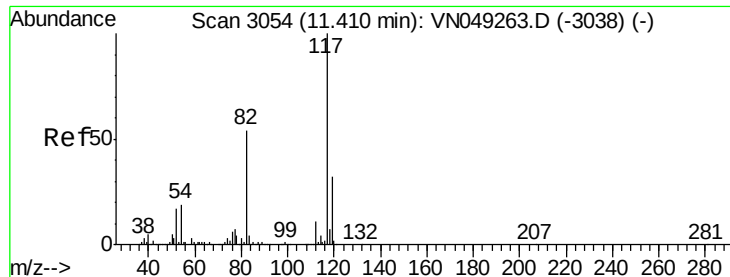
Ion Ratio Lower Upper

95 100

174 87.7 0.0 165.6

176 84.3 0.0 157.4

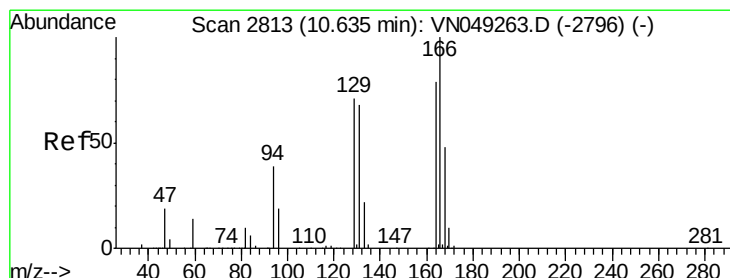
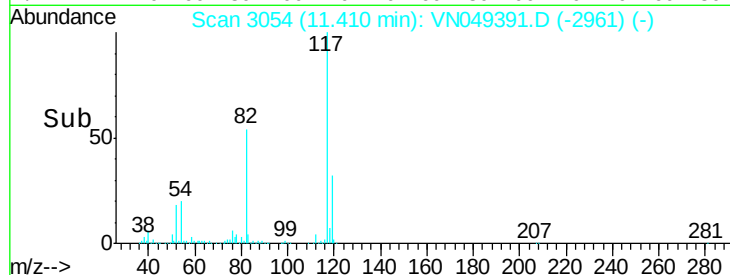
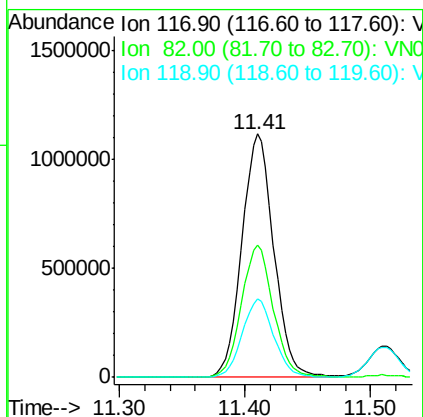
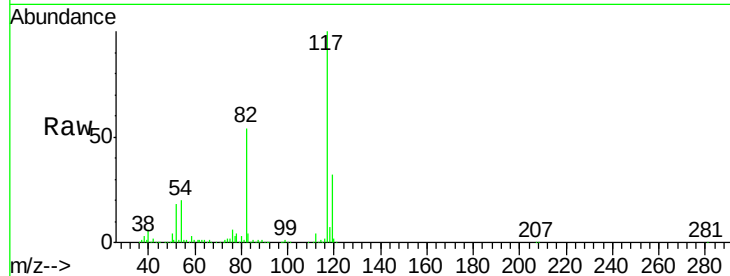




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

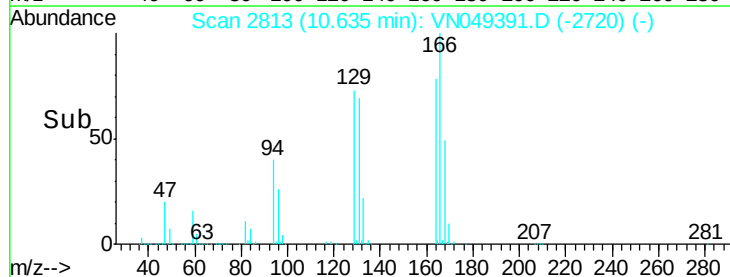
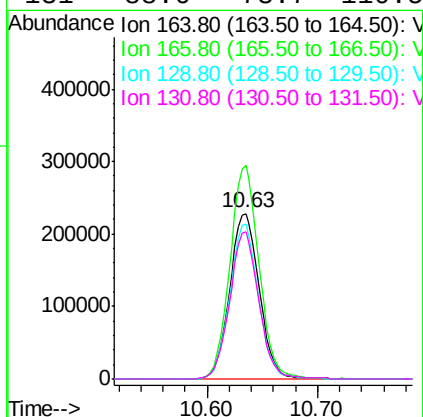
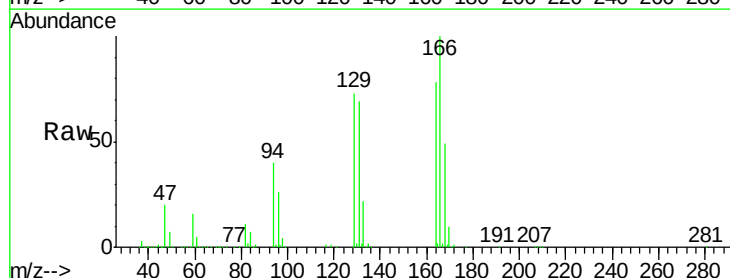
Instrument :
MSVOA_N
ClientSampled :

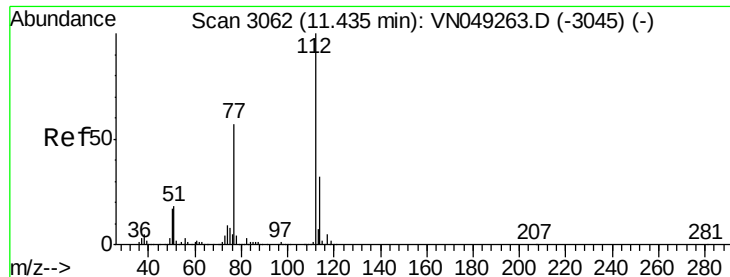
Tot Ion:117 Resp: 1977112
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.85 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion:164 Resp: 422432
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.2
129 93.6 74.1 111.1
131 88.6 73.7 110.5





#65

Chlorobenzene

Concen: 19.31 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

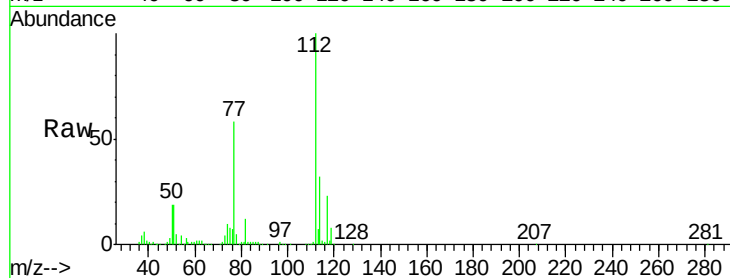
ClientSampleId :

Tot Ion:112 Resp: 983331

Ion Ratio Lower Upper

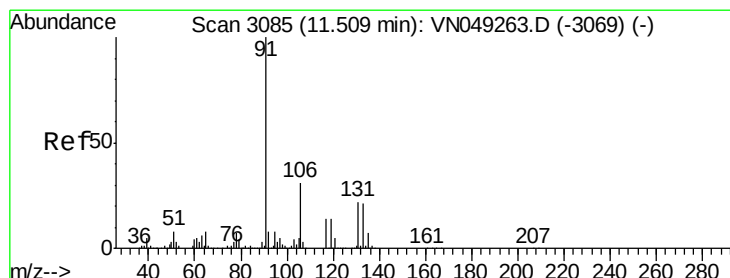
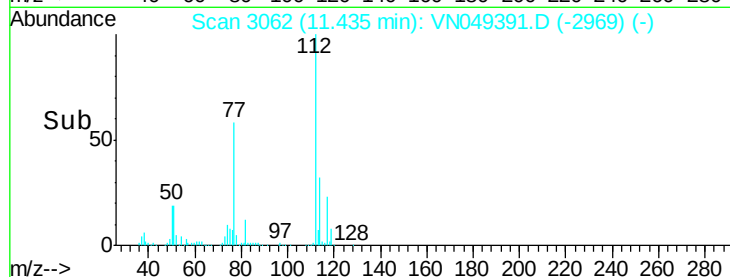
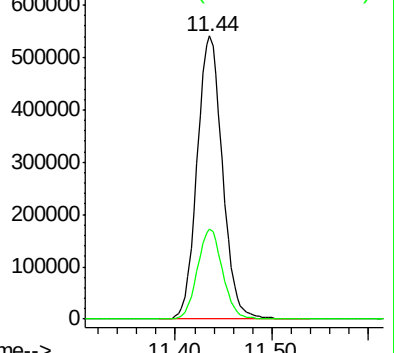
112 100

114 31.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.29 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

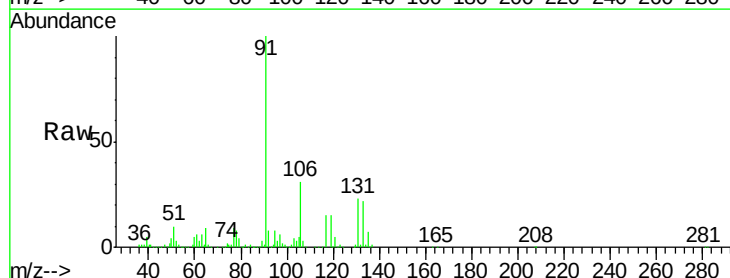
Tgt Ion:131 Resp: 369694

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

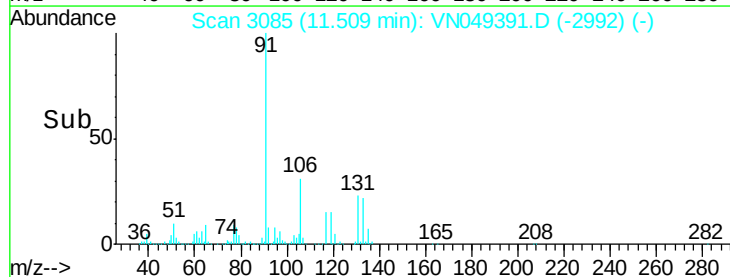
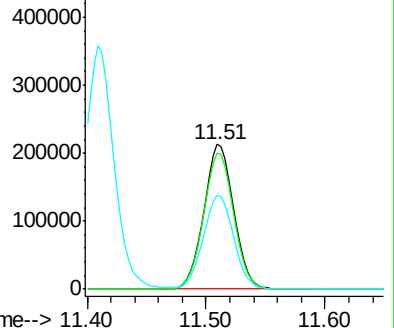
119 65.8 33.6 100.8

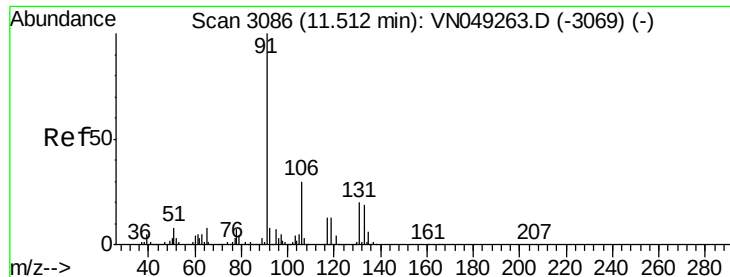


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.74 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

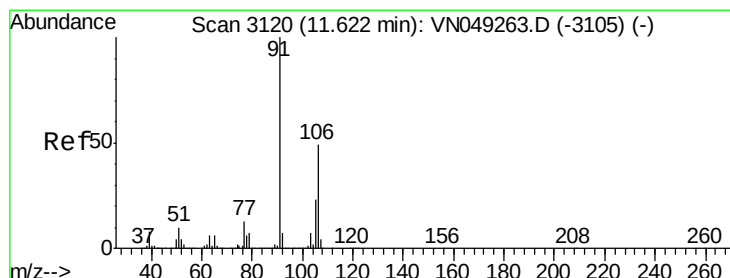
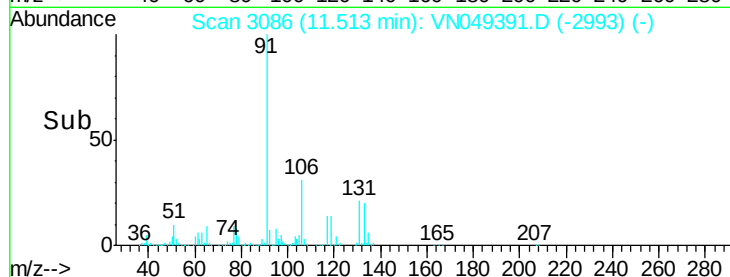
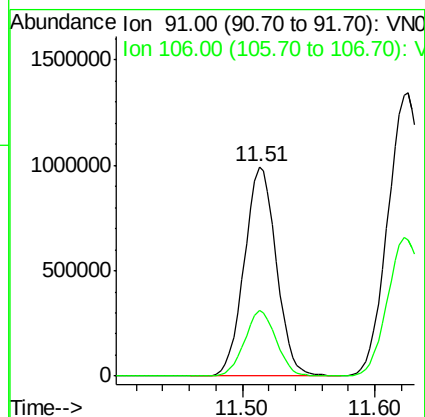
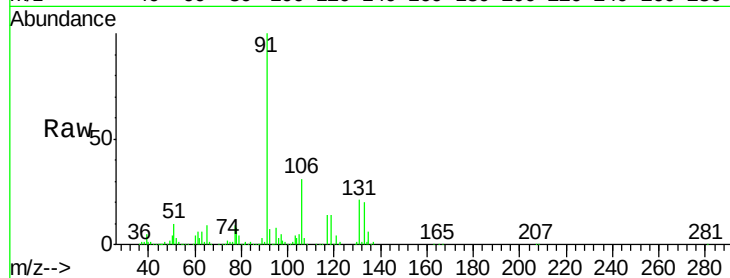
ClientSampled :

Tot Ion: 91 Resp: 1667504

Ion Ratio Lower Upper

91 100

106 31.4 23.9 35.9



#68

m/p-Xylenes

Concen: 40.35 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049391.D

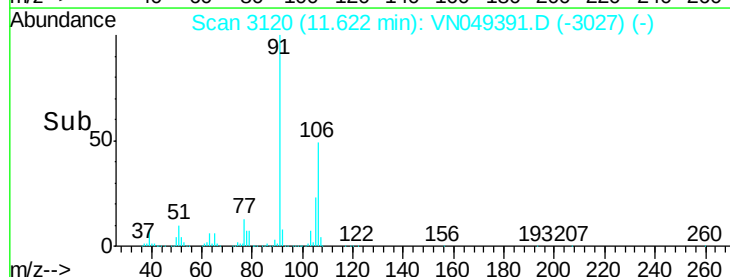
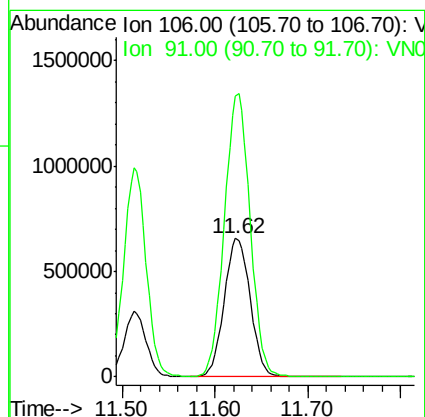
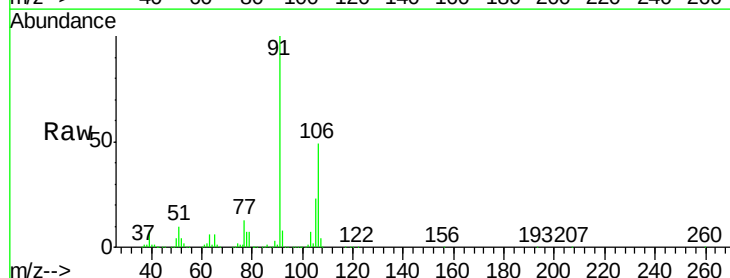
Acq: 19 Jun 2018 17:46

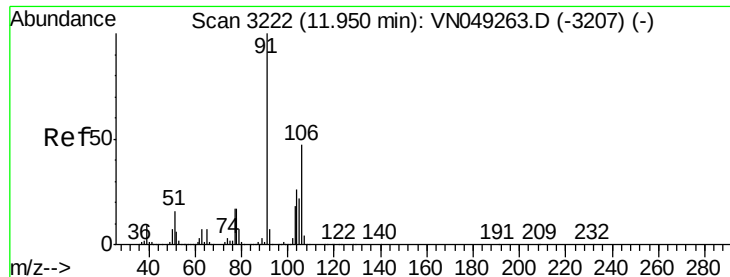
Tgt Ion: 106 Resp: 1279422

Ion Ratio Lower Upper

106 100

91 202.1 167.3 250.9





#69

o-Xylene

Concen: 20.18 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

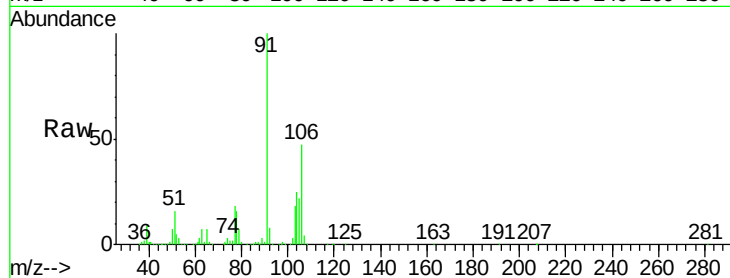
ClientSampled :

Tot Ion:106 Resp: 616175

Ion Ratio Lower Upper

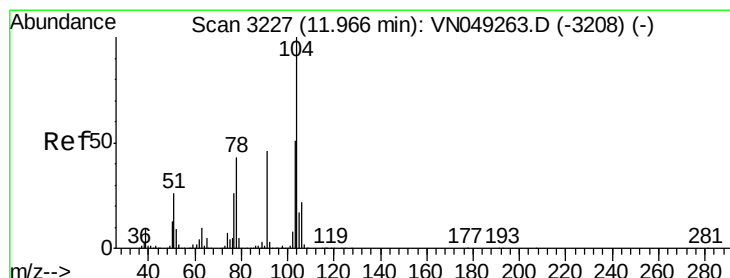
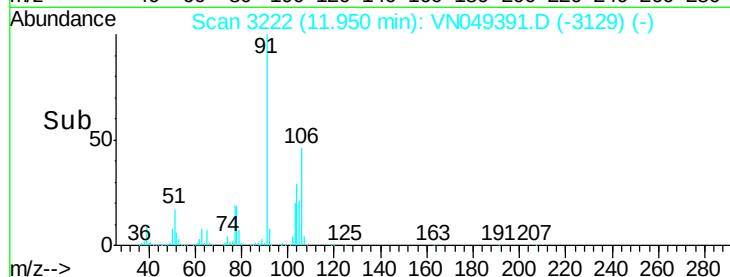
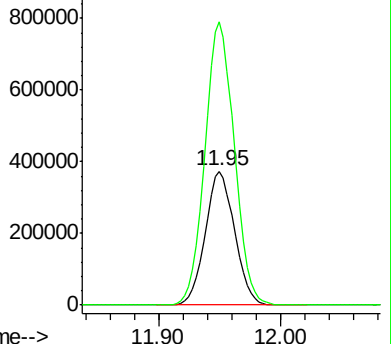
106 100

91 212.6 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 20.35 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

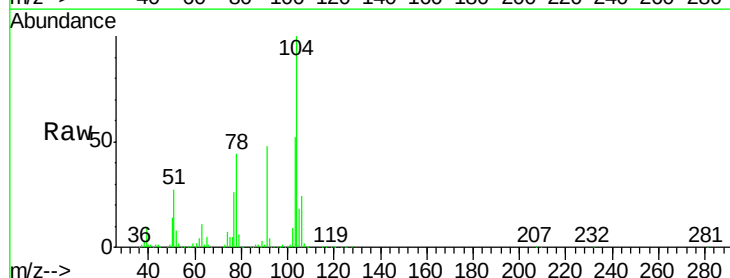
Tgt Ion:104 Resp: 980621

Ion Ratio Lower Upper

104 100

78 48.8 41.6 62.4

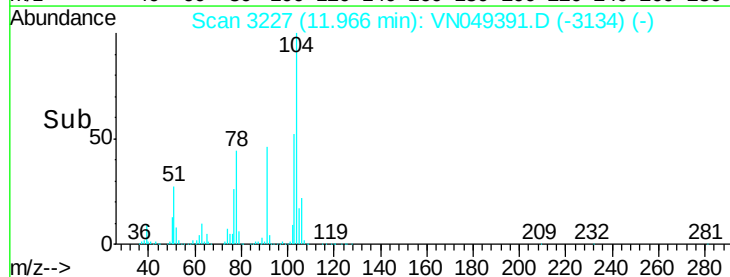
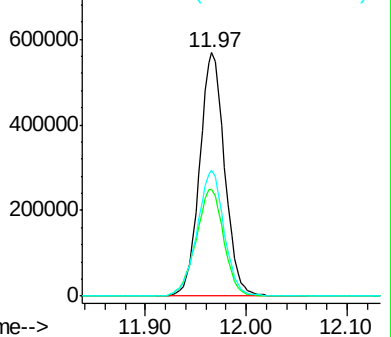
103 55.8 45.4 68.2

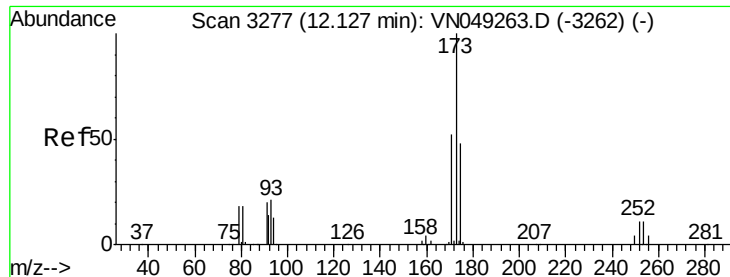


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.76 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

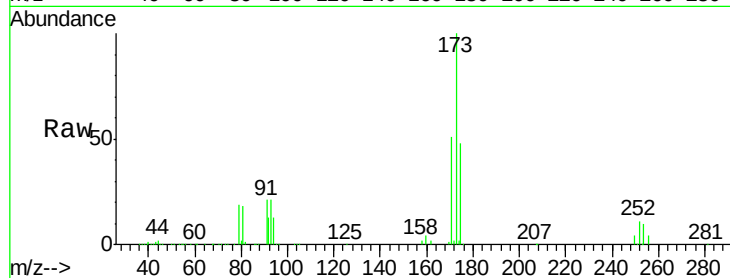
Tot Ion:173 Resp: 257615

Ion Ratio Lower Upper

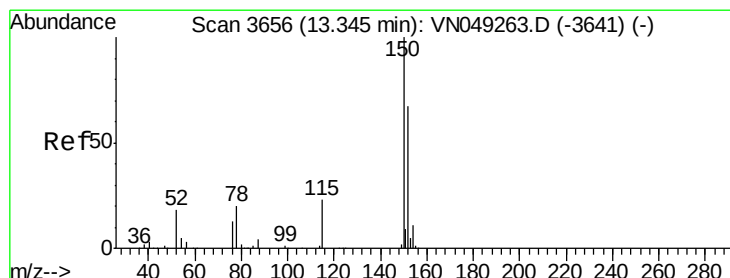
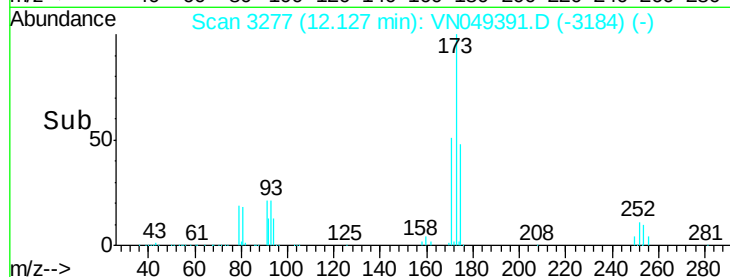
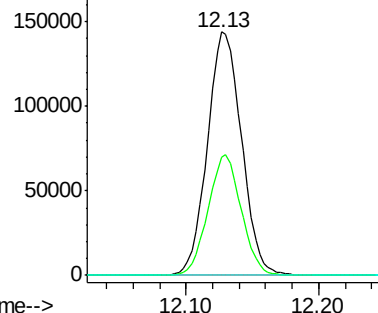
173 100

175 48.2 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

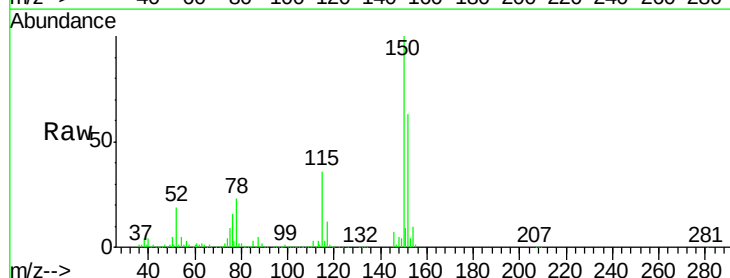
Tgt Ion:152 Resp: 940471

Ion Ratio Lower Upper

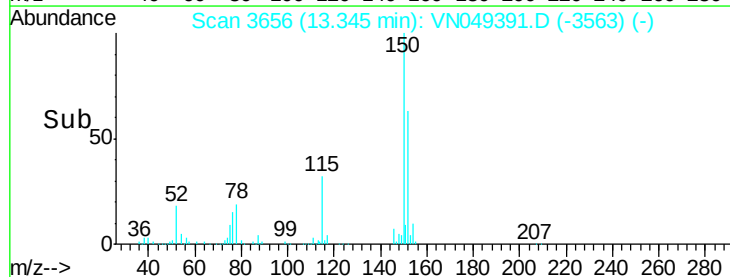
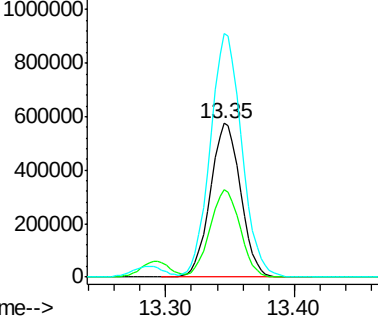
152 100

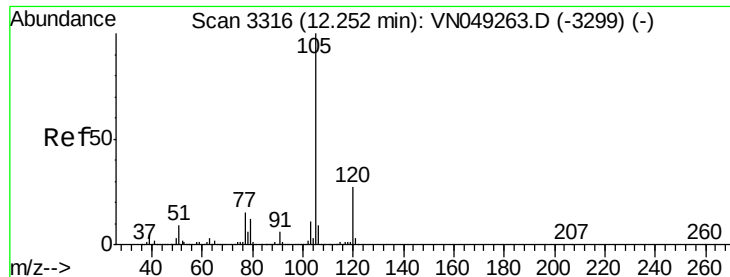
115 56.5 28.7 86.1

150 164.3 0.0 351.0



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: 19.69 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

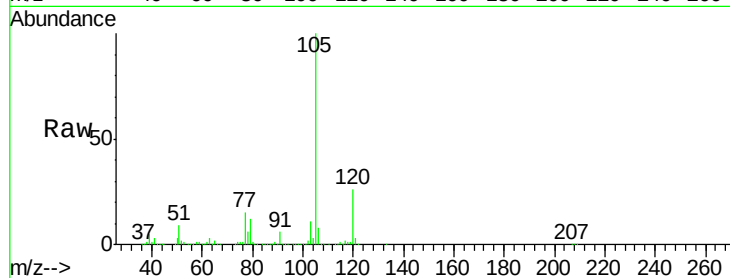
ClientSampled :

Tot Ion:105 Resp: 1626124

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

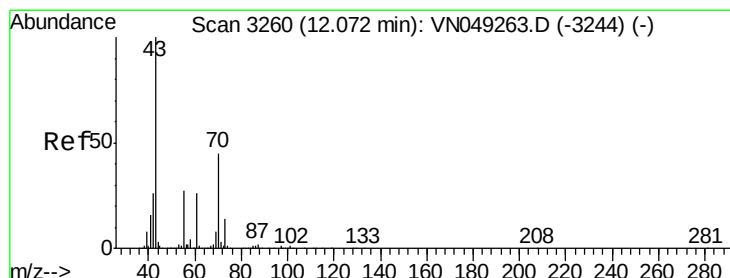
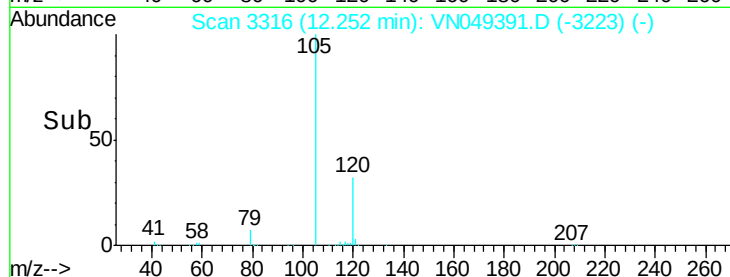
0

12.25

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 21.25 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Tgt Ion: 43 Resp: 429696

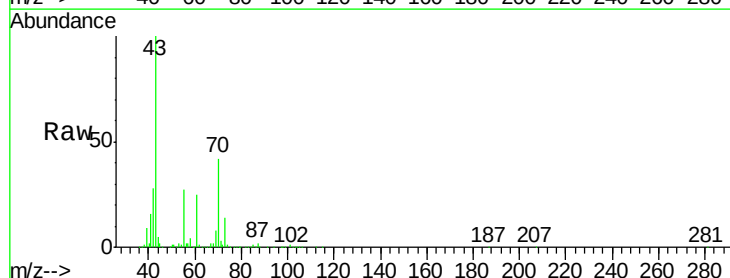
Ion Ratio Lower Upper

43 100

70 43.7 30.3 45.5

55 26.8 19.4 29.2

61 24.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

200000

100000

0

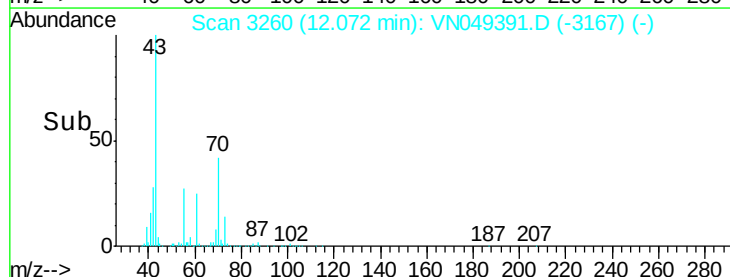
12.07

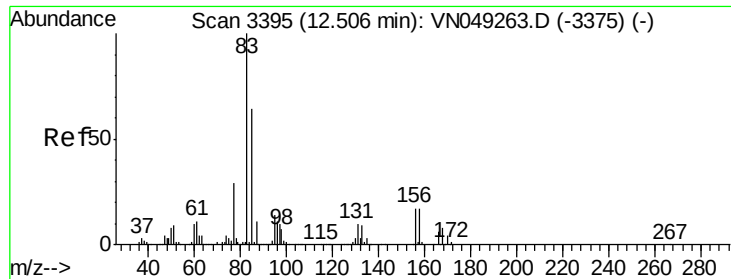
12.00

12.10

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.72 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampleId :

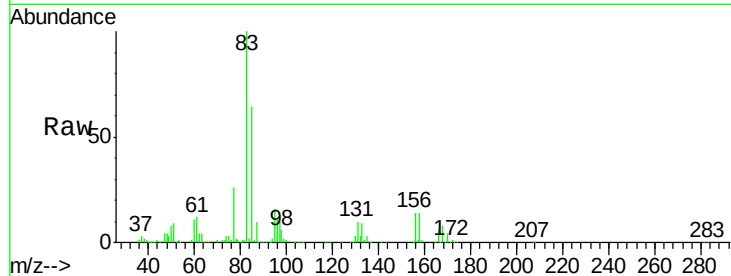
Tot Ion: 83 Resp: 406798

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

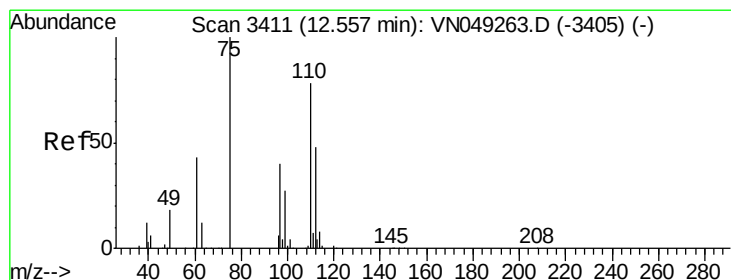
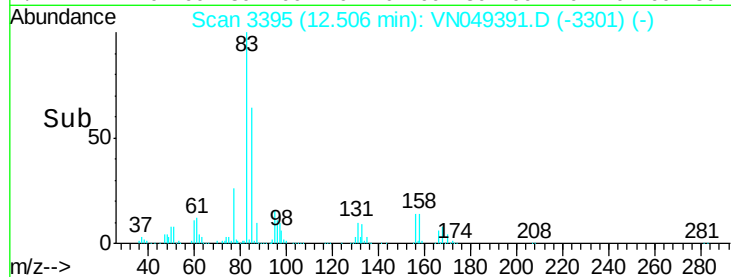
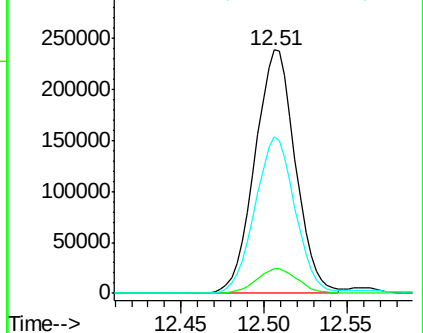
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.26 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049391.D

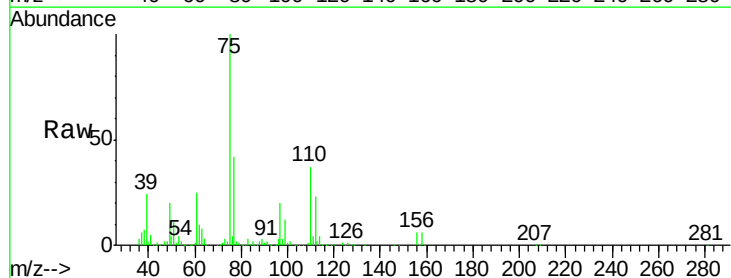
Acq: 19 Jun 2018 17:46

Tgt Ion: 75 Resp: 501609

Ion Ratio Lower Upper

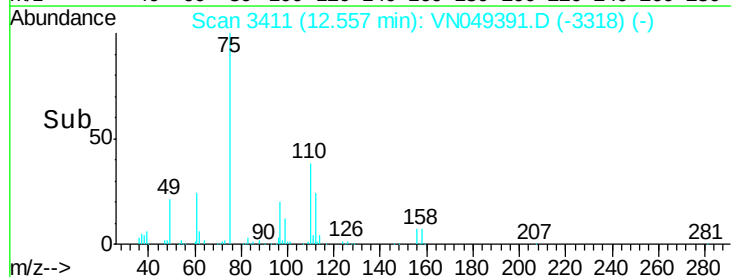
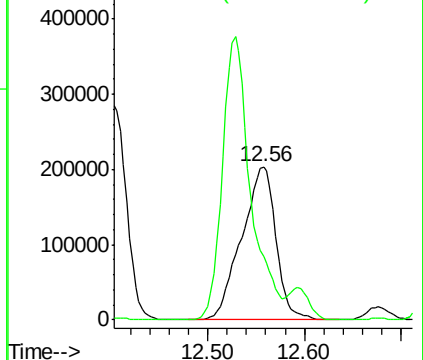
75 100

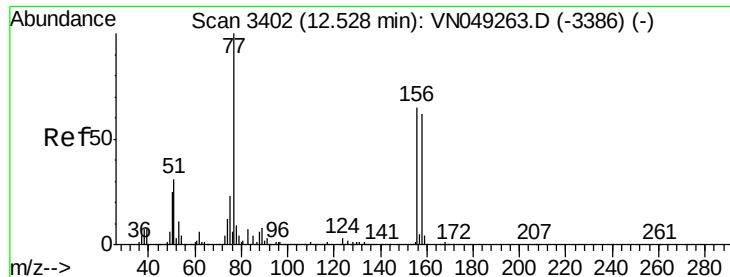
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.99 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

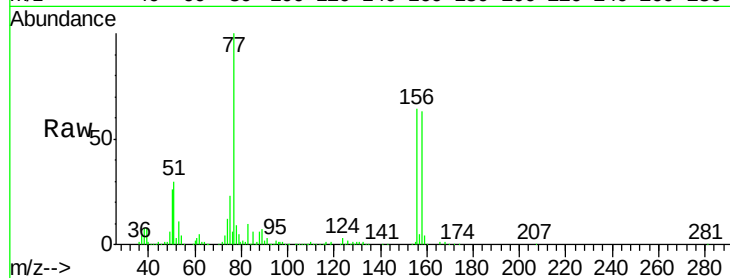
Tot Ion:156 Resp: 414216

Ion Ratio Lower Upper

156 100

77 184.6 100.8 302.4

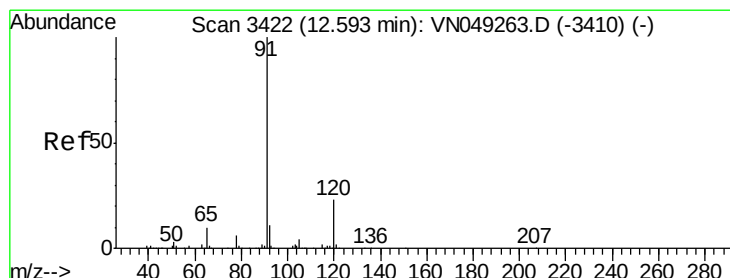
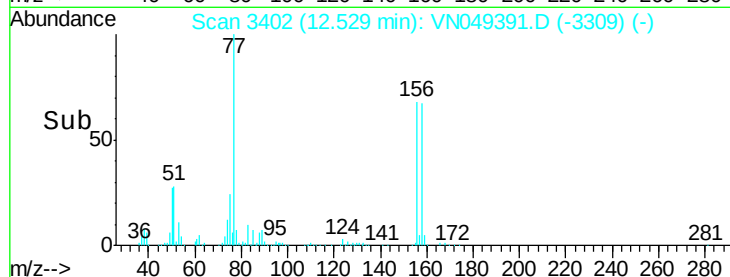
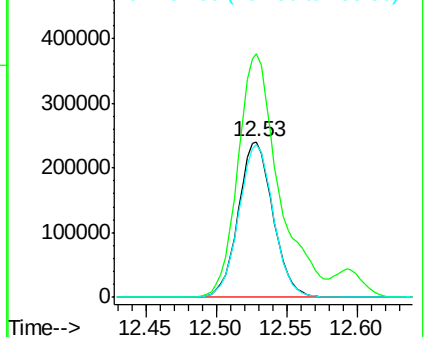
158 98.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.72 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049391.D

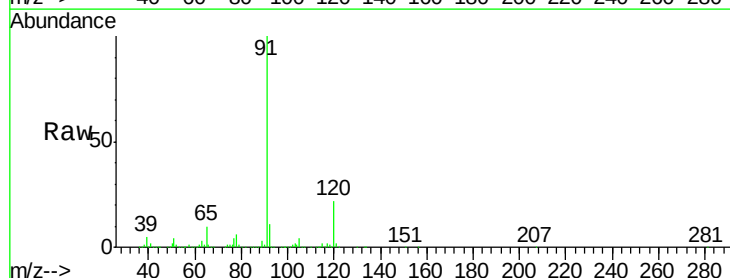
Acq: 19 Jun 2018 17:46

Tgt Ion: 91 Resp: 1788093

Ion Ratio Lower Upper

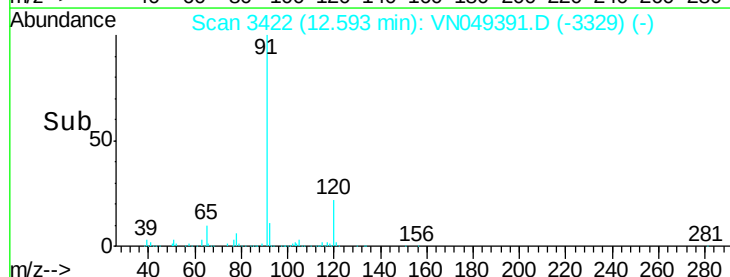
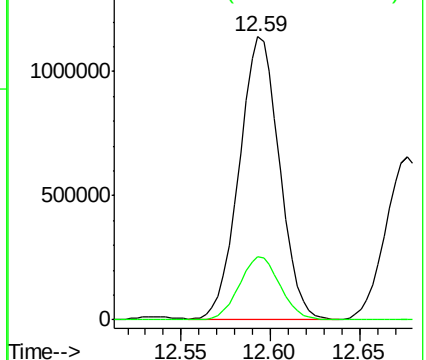
91 100

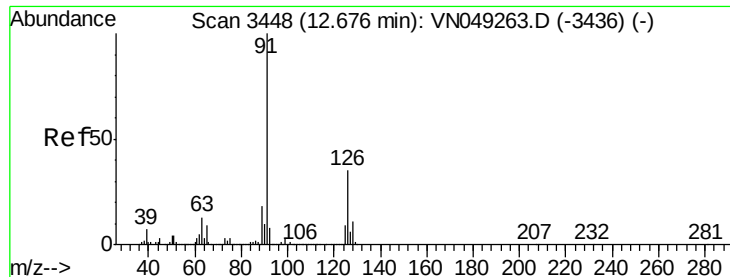
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.34 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

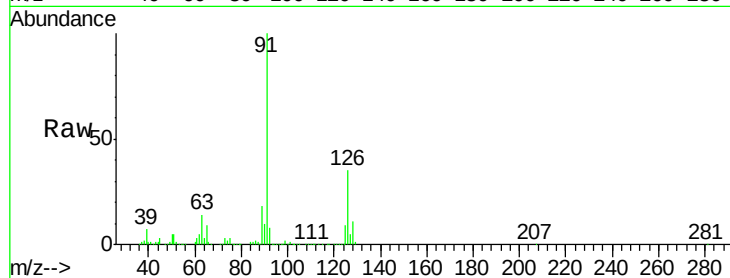
ClientSampleId :

Tot Ion: 91 Resp: 1111006

Ion Ratio Lower Upper

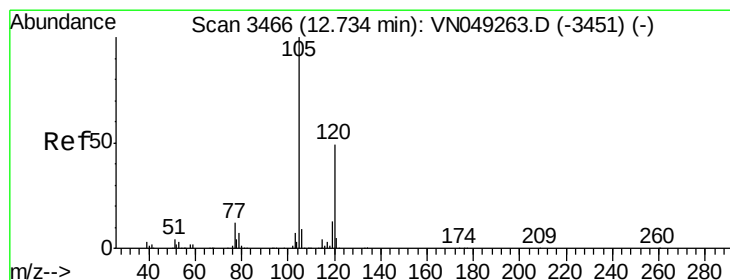
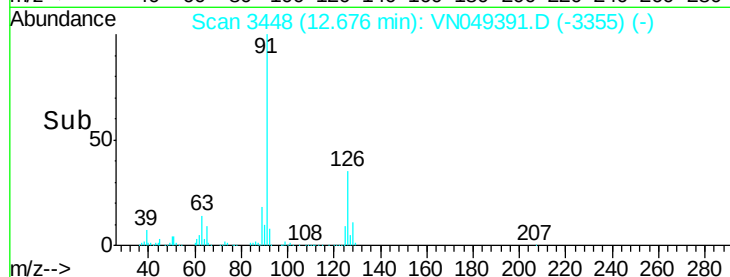
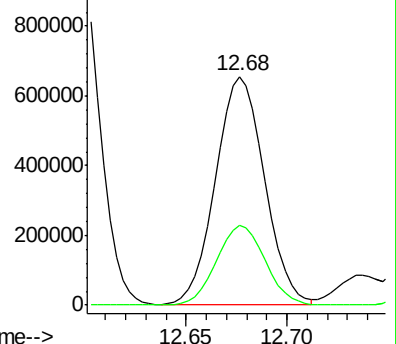
91 100

126 35.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049391.D

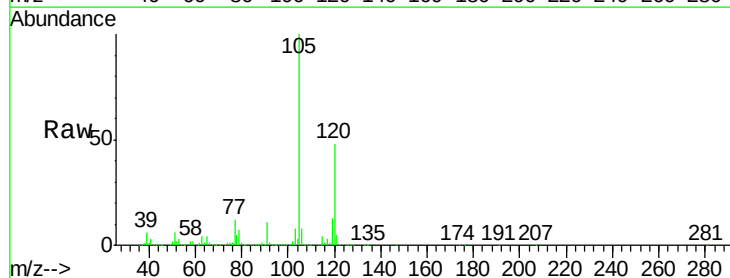
Acq: 19 Jun 2018 17:46

Tgt Ion: 105 Resp: 1301374

Ion Ratio Lower Upper

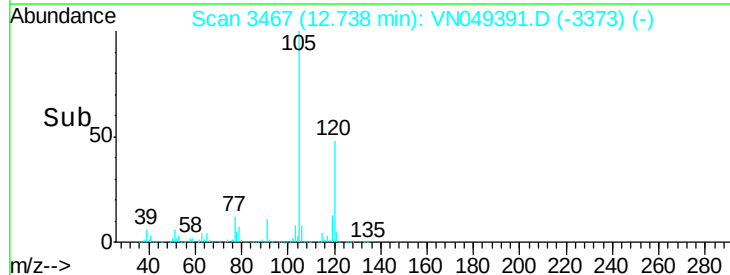
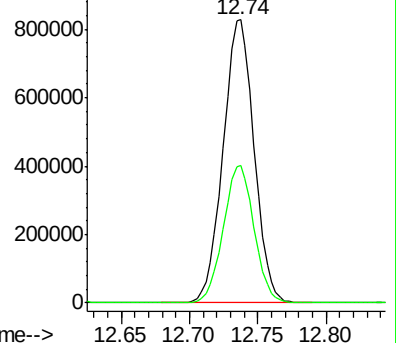
105 100

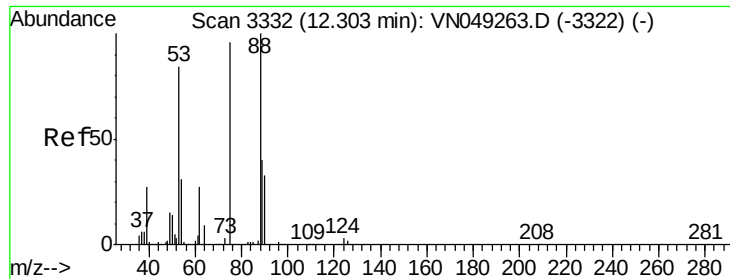
120 48.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)

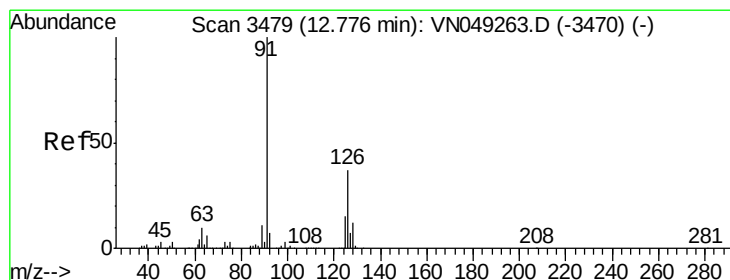
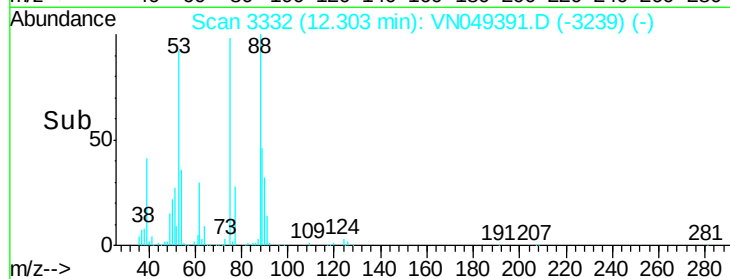
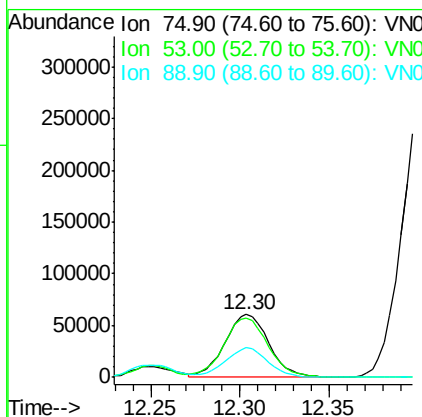
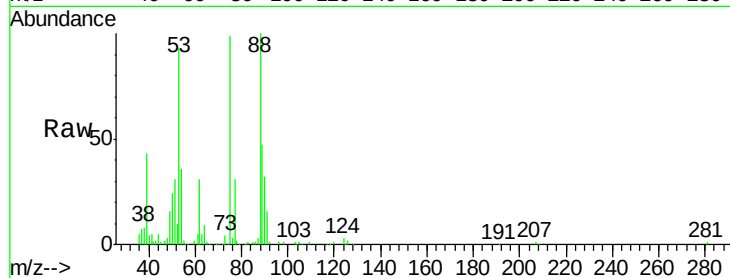




#81
trans-1,4-Dichloro-2-butene
Concen: 20.46 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

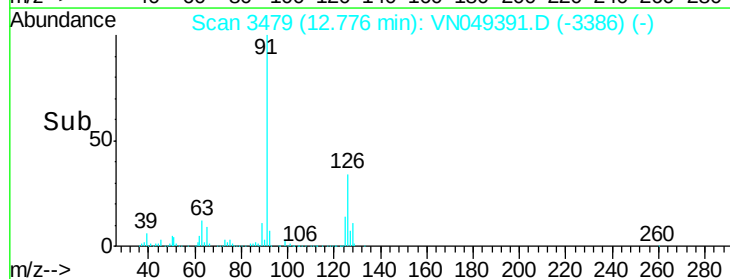
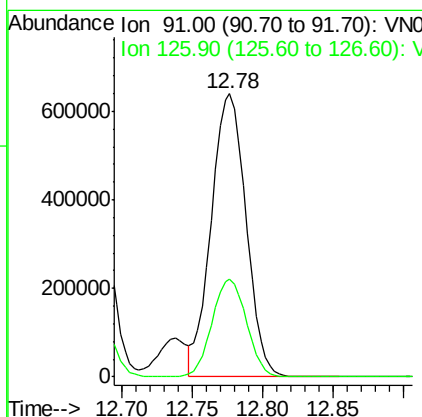
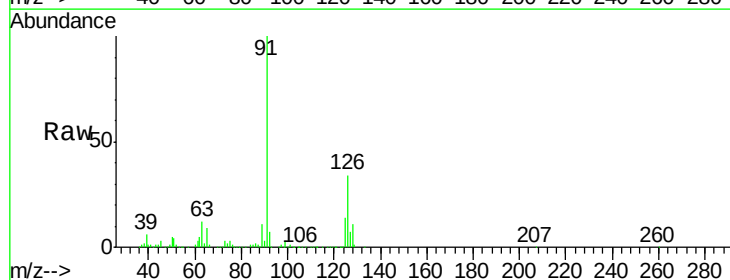
Instrument :
MSVOA_N
ClientSampled :

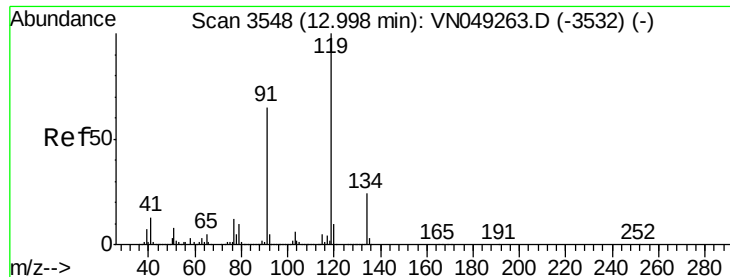
Tot Ion: 75 Resp: 103868
Ion Ratio Lower Upper
75 100
53 95.9 82.7 124.1
89 45.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.73 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 91 Resp: 1093642
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.1





#83

tert-Butylbenzene

Concen: 19.01 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

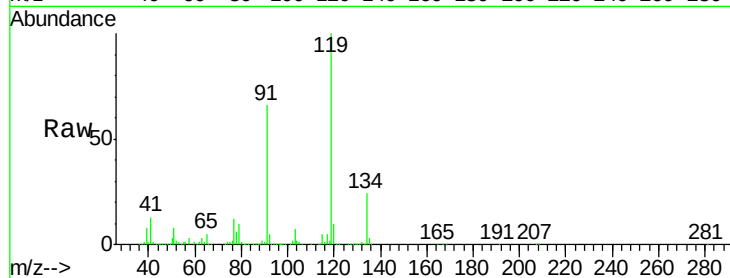
Tot Ion:119 Resp: 1093222

Ion Ratio Lower Upper

119 100

91 65.0 33.7 101.0

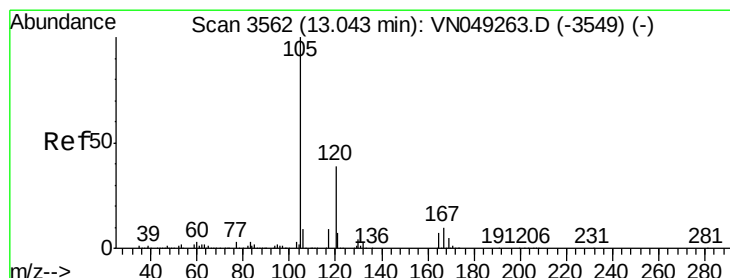
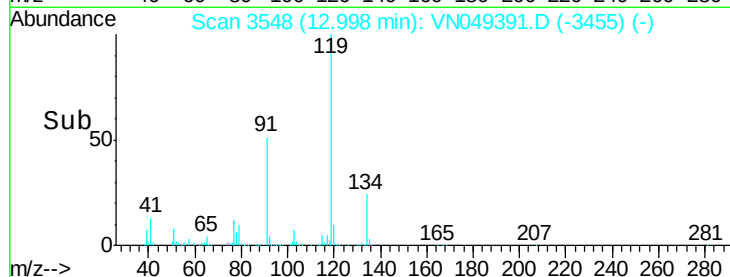
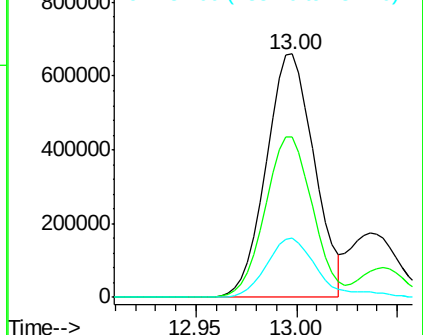
134 25.9 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.22 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049391.D

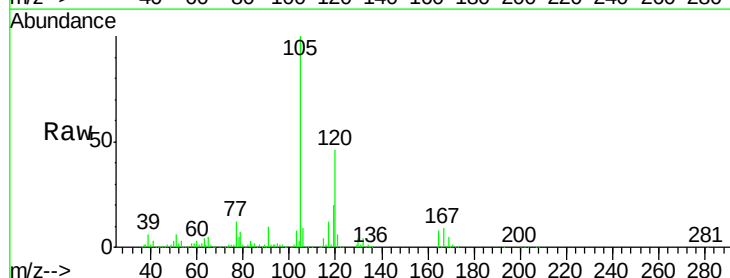
Acq: 19 Jun 2018 17:46

Tgt Ion:105 Resp: 1303616

Ion Ratio Lower Upper

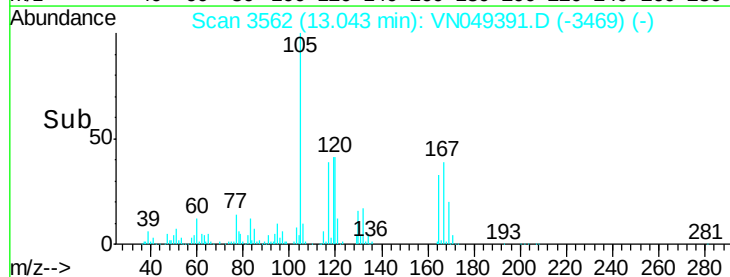
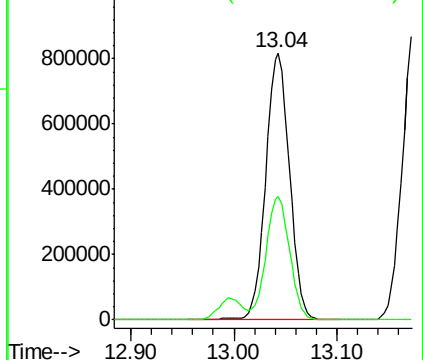
105 100

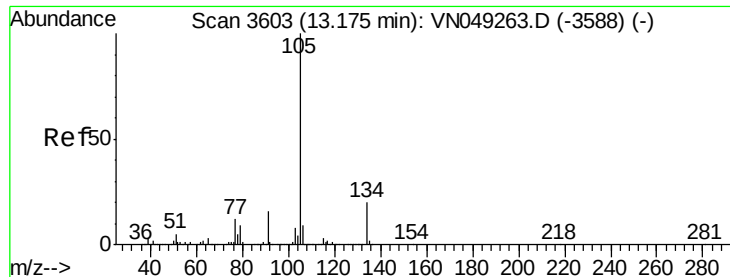
120 45.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.03 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

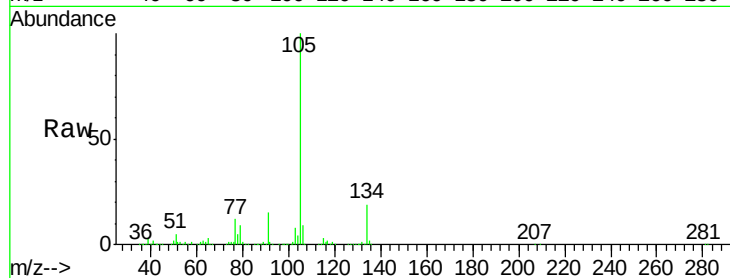
ClientSampled :

Tot Ion:105 Resp: 1456190

Ion Ratio Lower Upper

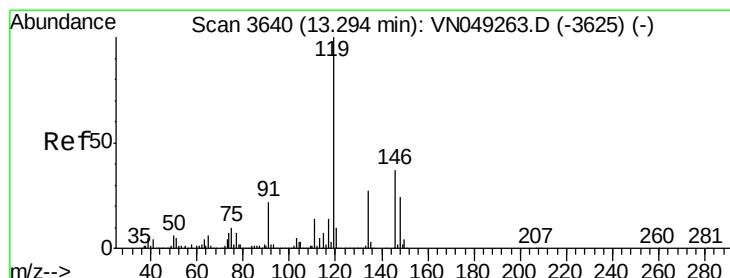
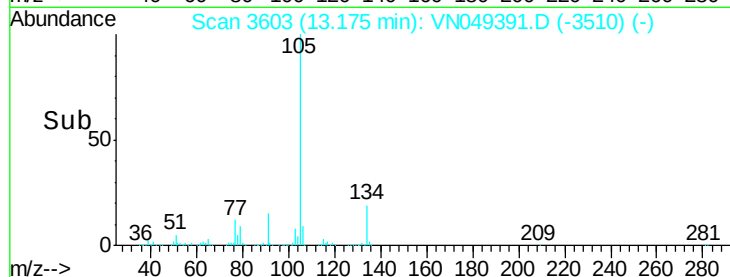
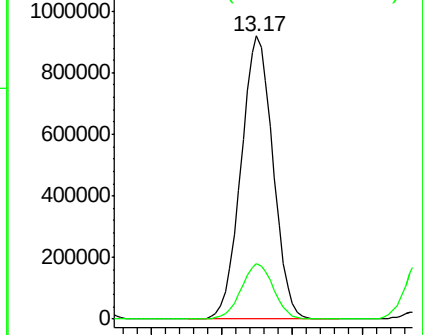
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.08 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

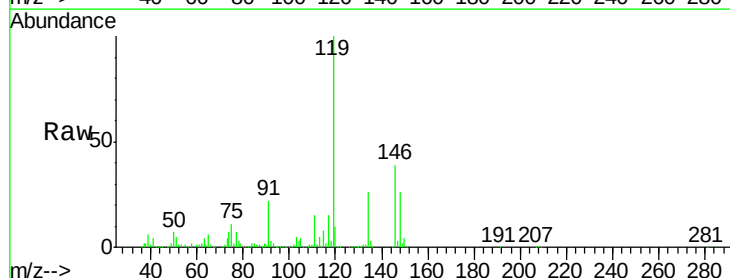
Tgt Ion:119 Resp: 1220267

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

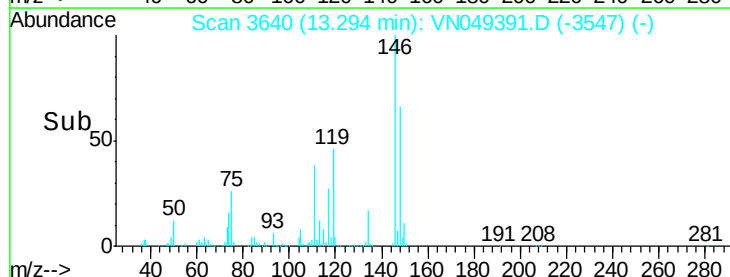
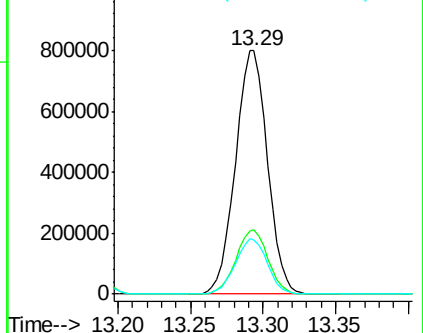
91 22.6 12.1 36.3

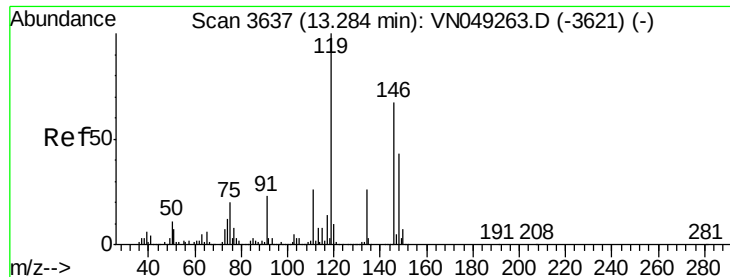


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.94 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampleId :

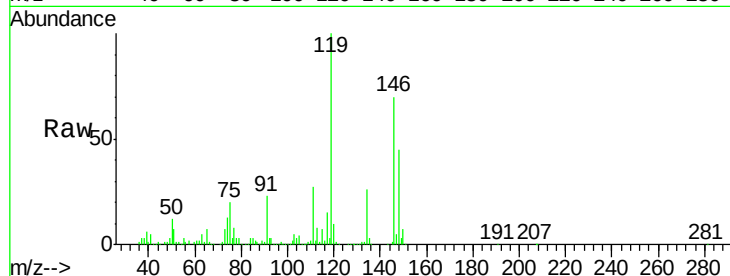
Tot Ion:146 Resp: 679510

Ion Ratio Lower Upper

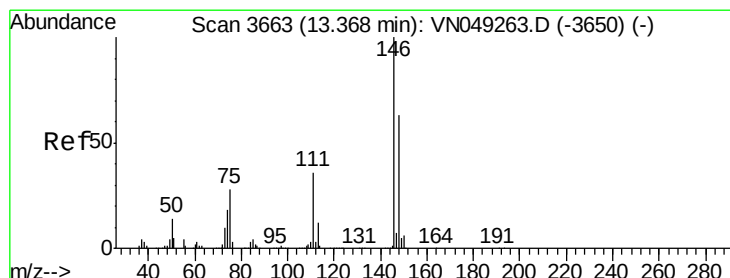
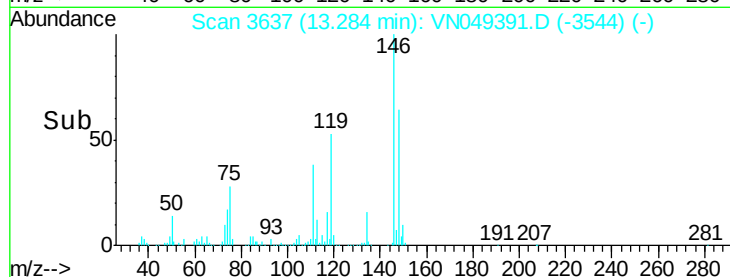
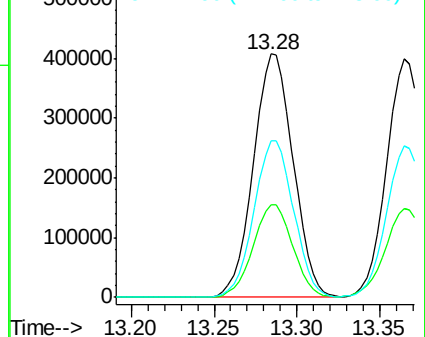
146 100

111 38.0 19.9 59.6

148 64.0 32.1 96.5



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: 18.36 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

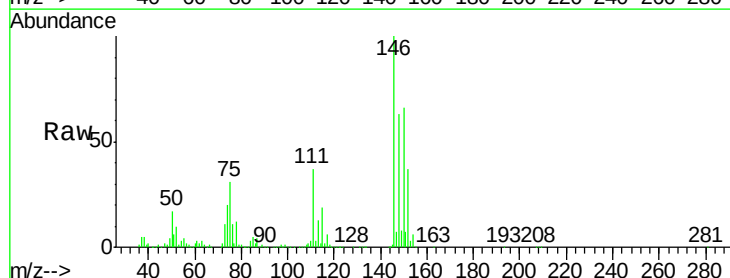
Tgt Ion:146 Resp: 653116

Ion Ratio Lower Upper

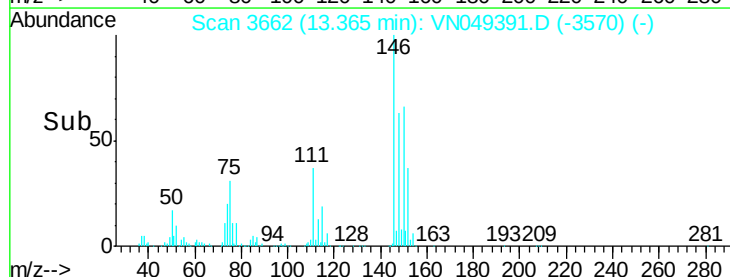
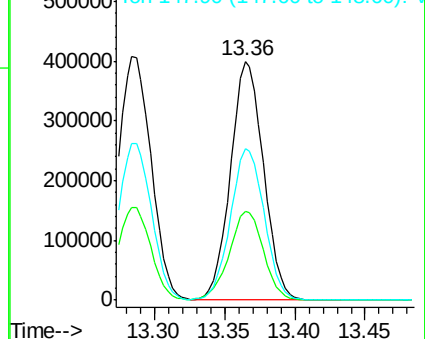
146 100

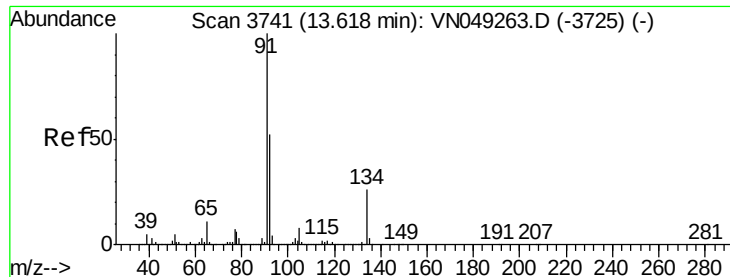
111 38.5 19.1 57.1

148 65.2 32.0 96.2



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

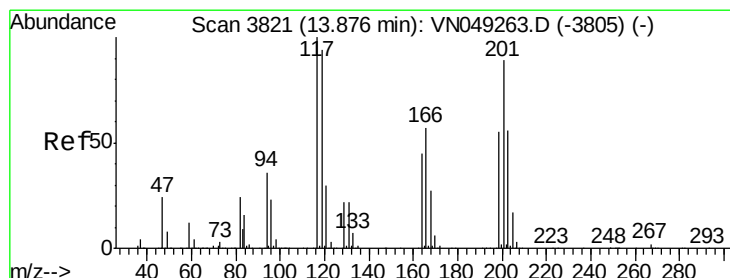
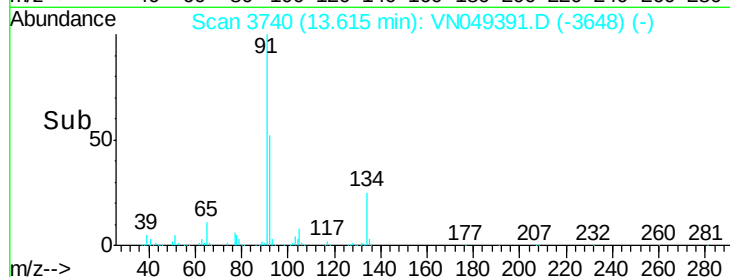
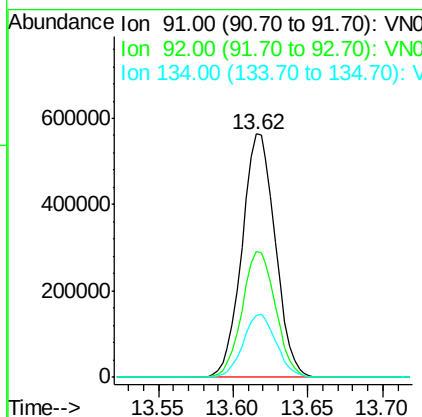
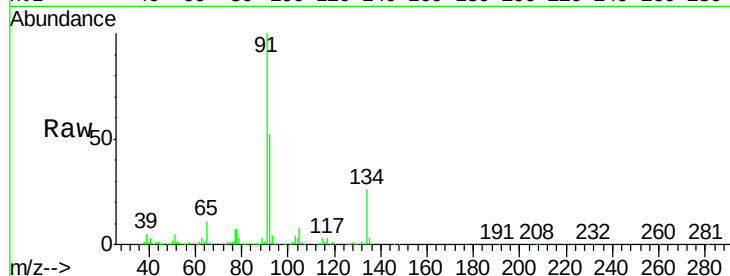




#89
n-Butylbenzene
Concen: 17.49 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

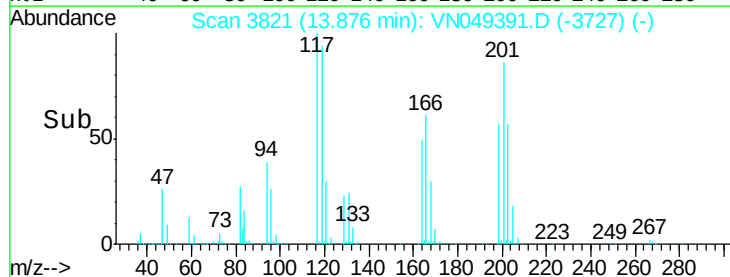
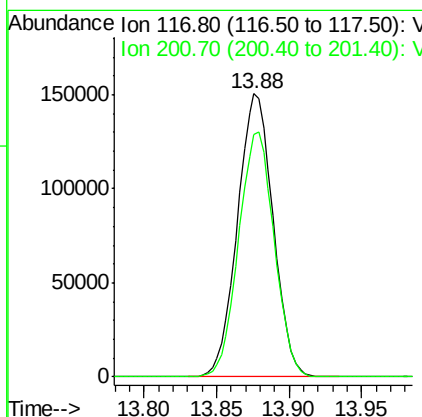
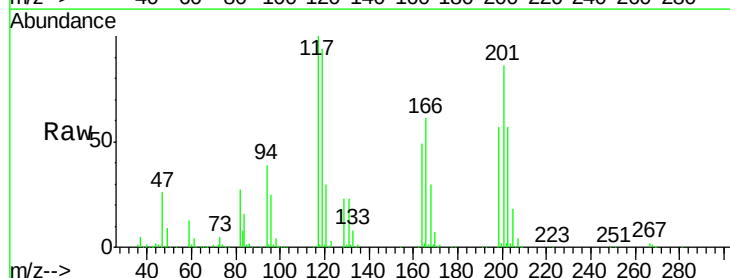
Instrument :
MSVOA_N
ClientSampleId :

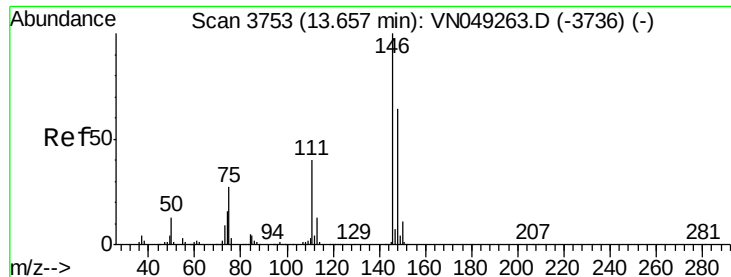
Tot Ion: 91 Resp: 873715
Ion Ratio Lower Upper
91 100
92 51.9 25.1 75.4
134 25.6 12.0 36.0



#90
Hexachloroethane
Concen: 20.26 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049391.D
Acq: 19 Jun 2018 17:46

Tgt Ion: 117 Resp: 257385
Ion Ratio Lower Upper
117 100
201 86.3 40.1 120.2

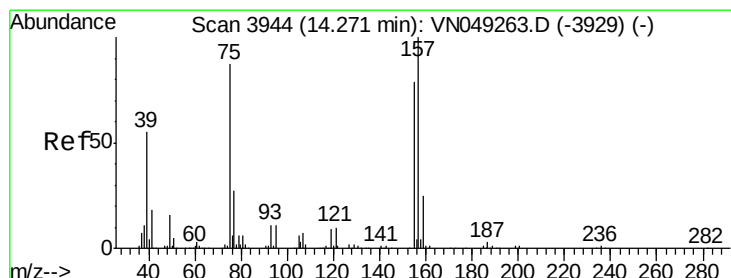
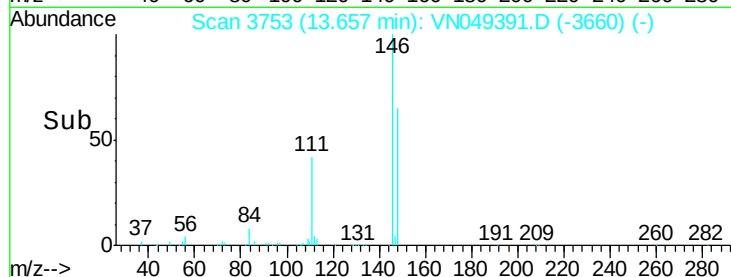
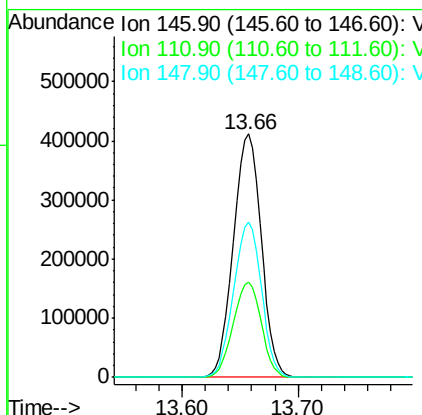
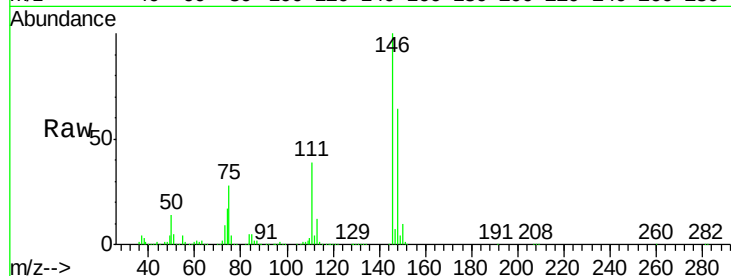




#91
 1,2-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

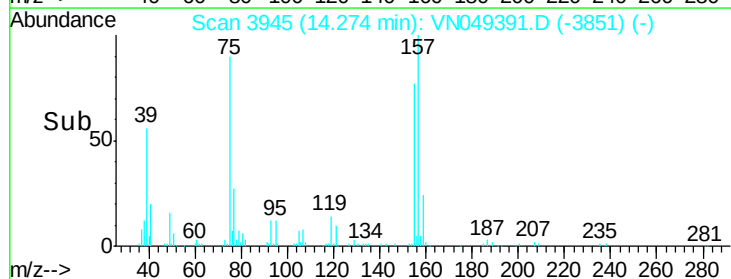
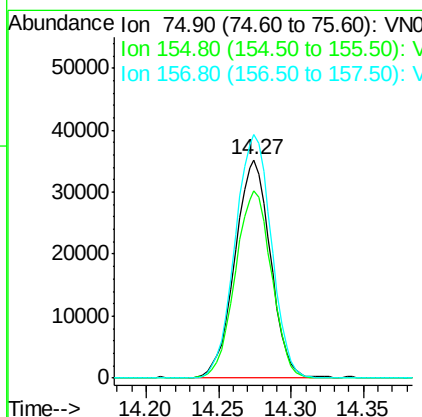
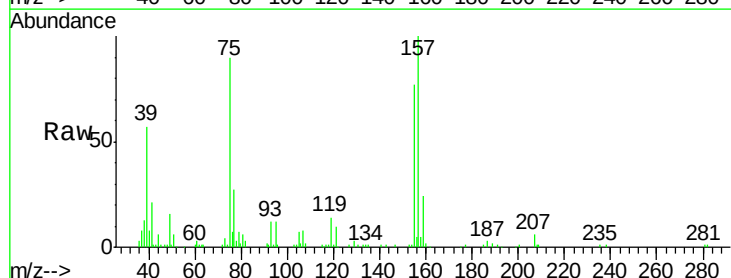
Instrument :
 MSVOA_N
 ClientSampled :

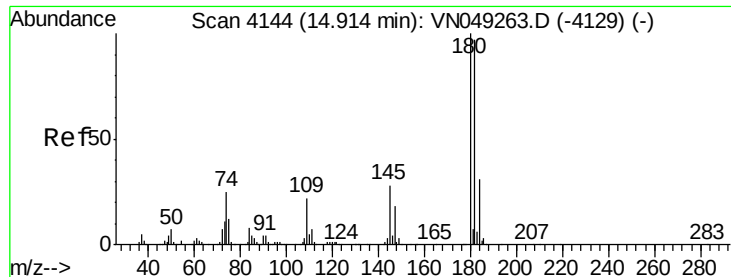
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	63.7	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.85 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	38.8	116.3
157	113.7	51.0	153.1

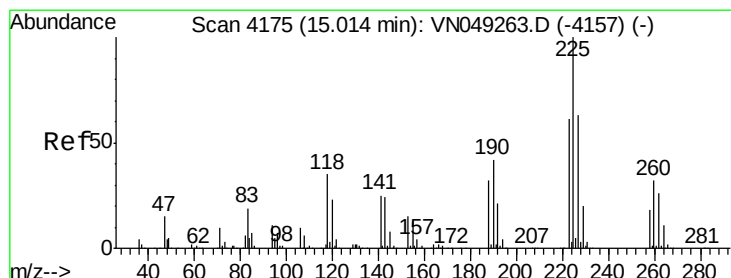
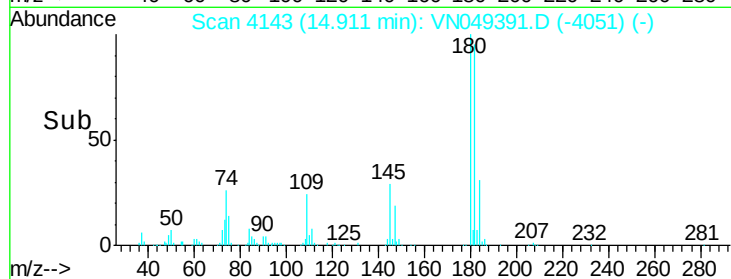
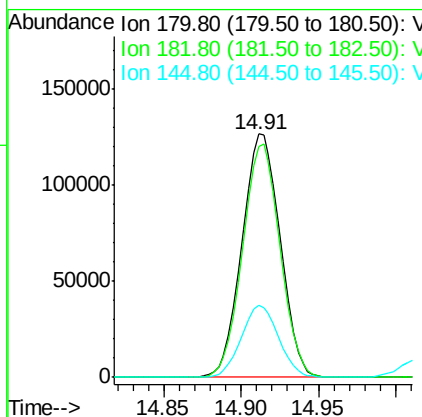
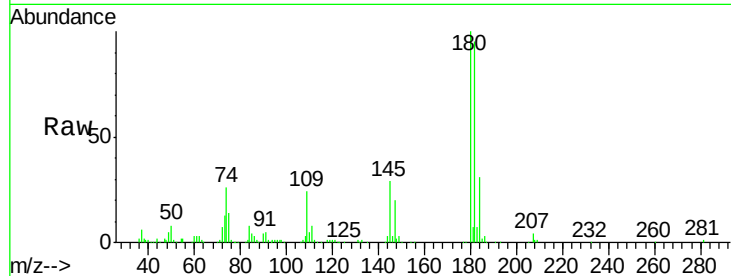




#93
 1,2,4-Trichlorobenzene
 Concen: 16.93 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

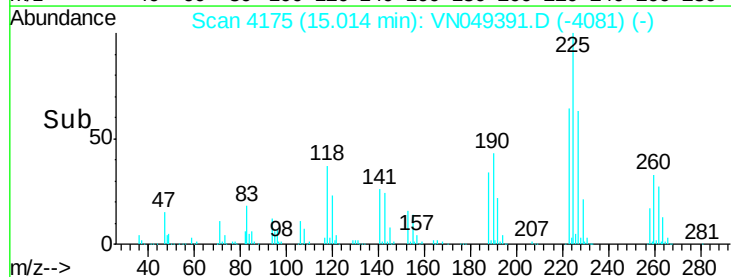
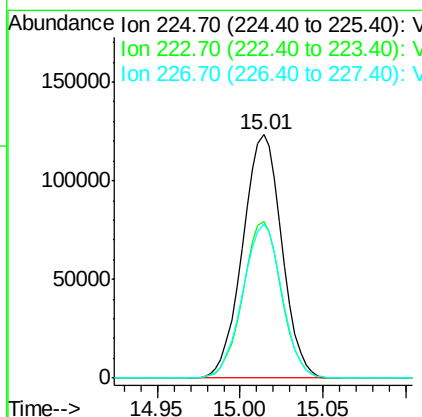
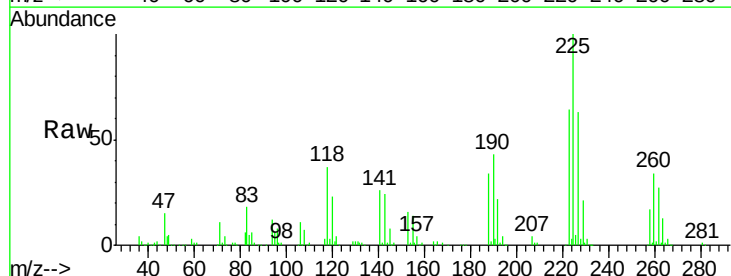
Instrument :
 MSVOA_N
 ClientSampled :

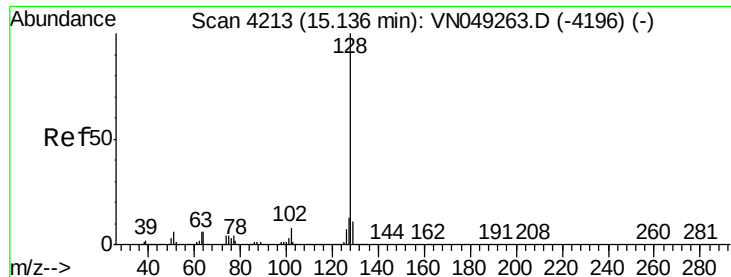
Tot Ion:180 Resp: 217111
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.8
 145 29.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 17.93 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049391.D
 Acq: 19 Jun 2018 17:46

Tgt Ion:225 Resp: 202541
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 63.3 31.8 95.3





#95

Naphthalene

Concen: 18.81 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampleId :

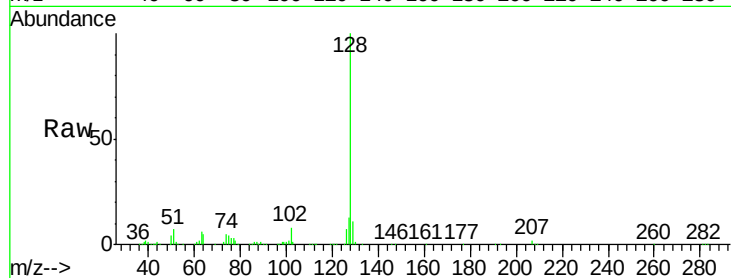
Tot Ion:128 Resp: 457920

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

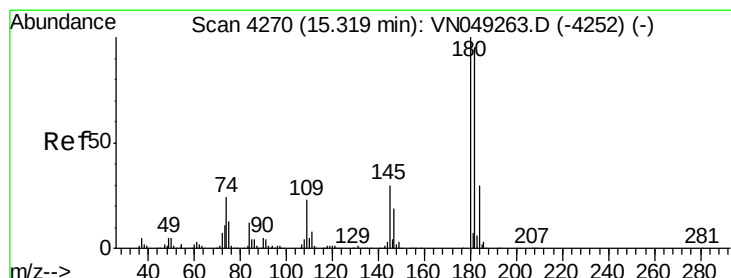
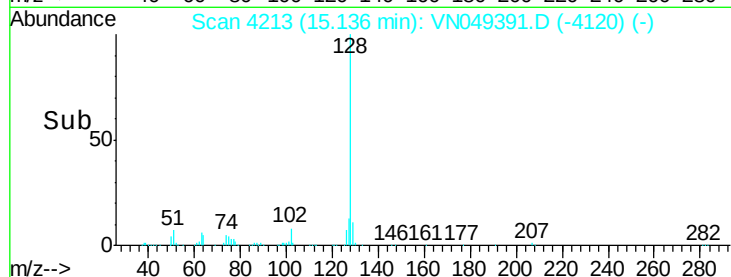
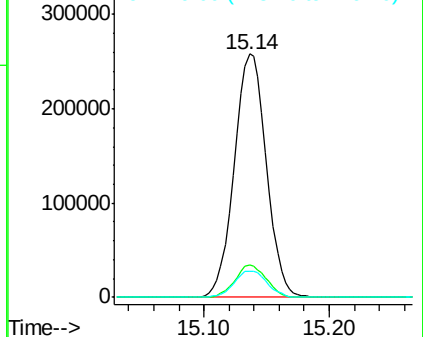
129 11.2 8.5 12.7



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: 18.03 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049391.D

Acq: 19 Jun 2018 17:46

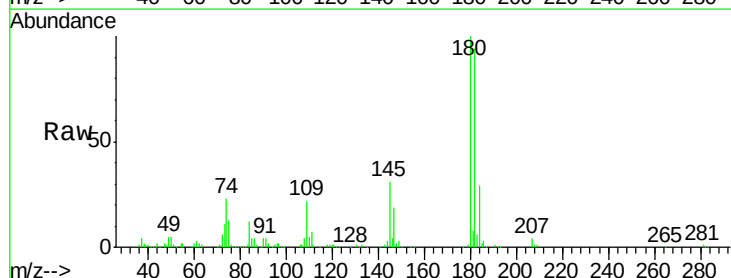
Tgt Ion:180 Resp: 246868

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.1 15.6 46.7



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

