

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049386.D
 Acq On : 19 Jun 2018 15:37
 Operator : MD\SY
 Sample : VN0619WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 04:29:46 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	1537759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2335700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2095837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	969927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	984822	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.59	113	879539	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.09	98	3255815	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	1068567	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	346824	19.60	ug/l	100
3) Chloromethane	2.06	50	425909	18.63	ug/l	99
4) Vinyl Chloride	2.18	62	460719	18.97	ug/l	98
5) Bromomethane	2.56	94	235722	18.46	ug/l	96
6) Chloroethane	2.70	64	285794	19.73	ug/l	99
7) Trichlorofluoromethane	3.01	101	585705	19.33	ug/l	100
8) Diethyl Ether	3.41	74	208365	19.70	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	364582	18.97	ug/l	95
10) Methyl Iodide	3.95	142	332197	16.60	ug/l	92
11) Tert butyl alcohol	4.80	59	132892	111.01	ug/l	97
12) 1,1-Dichloroethene	3.73	96	330289	18.73	ug/l	90
13) Acrolein	3.61	56	193262	153.95	ug/l	99
14) Allyl chloride	4.32	41	526404	18.91	ug/l	89
15) Acrylonitrile	4.99	53	610247	101.95	ug/l	98
16) Acetone	3.82	43	501479	101.26	ug/l	91
17) Carbon Disulfide	4.05	76	995258	18.01	ug/l	99
18) Methyl Acetate	4.33	43	317761	21.04	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	916966	20.40	ug/l	100
20) Methylene Chloride	4.55	84	384726	18.60	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	347438	18.61	ug/l	88
22) Diisopropyl ether	5.96	45	1107405	19.92	ug/l	96
23) Vinyl Acetate	5.90	43	3651208	100.74	ug/l	96
24) 1,1-Dichloroethane	5.85	63	667315	18.75	ug/l	98
25) 2-Butanone	6.84	43	698686	105.07	ug/l	97
26) 2,2-Dichloropropane	6.83	77	539919	18.79	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	400052	19.28	ug/l	92
28) Bromochloromethane	7.20	49	290738	18.43	ug/l	84
29) Tetrahydrofuran	7.22	42	447250	104.49	ug/l	93
30) Chloroform	7.37	83	684276	19.32	ug/l	100
31) Cyclohexane	7.65	56	593311	19.56	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	581303	19.24	ug/l	97
36) 1,1-Dichloropropene	7.80	75	502854	18.78	ug/l	97
37) Ethyl Acetate	6.94	43	317664	21.83	ug/l	99
38) Carbon Tetrachloride	7.78	117	512503	18.49	ug/l	99

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Quant Time: Jun 20 04:29:46 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	522977	18.20	ug/l	97
40) Benzene	8.04	78	1542953	18.80	ug/l	99
41) Methacrylonitrile	7.18	41	160459	20.40	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	488395	19.26	ug/l	96
43) Isopropyl Acetate	8.17	43	584729	21.03	ug/l	98
44) Trichloroethene	8.84	130	412278	19.02	ug/l	95
45) 1,2-Dichloropropane	9.12	63	401739	18.70	ug/l	98
46) Dibromomethane	9.21	93	239554	19.23	ug/l	93
47) Bromodichloromethane	9.40	83	511219	18.67	ug/l	97
48) Methyl methacrylate	9.20	41	271846	20.76	ug/l	88
49) 1,4-Dioxane	9.20	88	74795	413.87	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1525067	104.65	ug/l	95
52) Toluene	10.16	92	949497	19.71	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	493039	18.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	579814	18.75	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	343704	19.14	ug/l	96
56) Ethyl methacrylate	10.43	69	416870	20.12	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	576342	19.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	509642	79.20	ug/l	95
59) 2-Hexanone	10.75	43	976960	103.98	ug/l	94
60) Dibromochloromethane	10.90	129	375056	18.71	ug/l	100
61) 1,2-Dibromoethane	11.01	107	328823	19.70	ug/l	99
64) Tetrachloroethene	10.63	164	437617	20.38	ug/l	98
65) Chlorobenzene	11.44	112	1005541	18.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	376944	18.55	ug/l	99
67) Ethyl Benzene	11.51	91	1711222	19.11	ug/l	98
68) m/p-Xylenes	11.63	106	1315611	39.15	ug/l	96
69) o-Xylene	11.95	106	623497	19.26	ug/l	97
70) Styrene	11.97	104	993399	19.45	ug/l	99
71) Bromoform	12.13	173	255490	19.43	ug/l #	98
73) Isopropylbenzene	12.25	105	1680590	19.73	ug/l	98
74) N-amyl acetate	12.07	43	408264	19.57	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	391616	21.06	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	492365	29.75	ug/l #	100
77) Bromobenzene	12.53	156	423554	18.83	ug/l	91
78) n-propylbenzene	12.59	91	1841555	19.69	ug/l	99
79) 2-Chlorotoluene	12.68	91	1135879	19.17	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1338657	20.00	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	98285	18.77	ug/l	97
82) 4-Chlorotoluene	12.78	91	1109062	19.40	ug/l	98
83) tert-Butylbenzene	13.00	119	1147619	19.35	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1342228	20.19	ug/l	99
85) sec-Butylbenzene	13.17	105	1488142	18.85	ug/l	98
86) p-Isopropyltoluene	13.29	119	1264858	19.18	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	685851	18.53	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	662952	18.07	ug/l	99
89) n-Butylbenzene	13.62	91	898307	17.44	ug/l	98
90) Hexachloroethane	13.88	117	256353	19.51	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	678674	18.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56418	19.03	ug/l	87

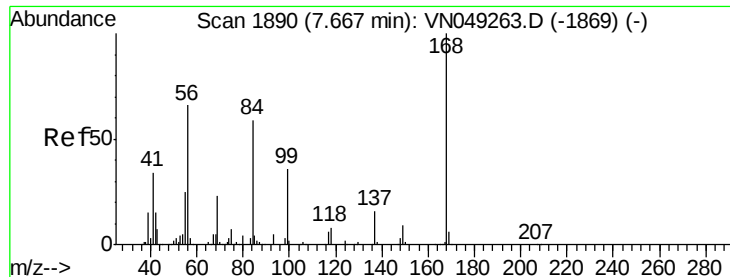
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	211873	16.27	ug/l	98
94) Hexachlorobutadiene	15.01	225	210586	18.10	ug/l	99
95) Naphthalene	15.14	128	438025	17.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	232891	16.79	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

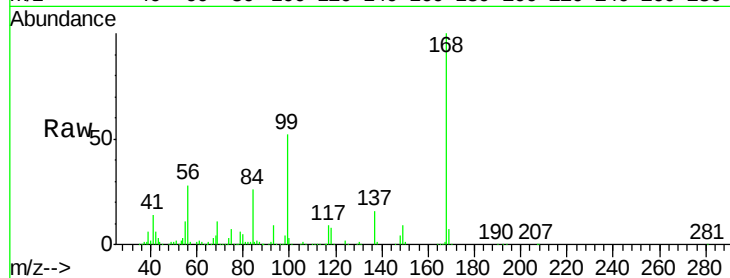
ClientSampleId :

Tot Ion:168 Resp: 1537759

Ion Ratio Lower Upper

168 100

99 51.4 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

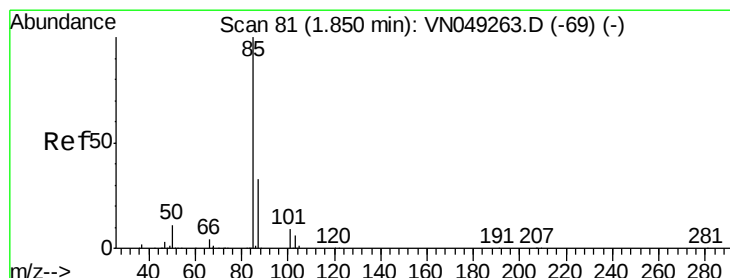
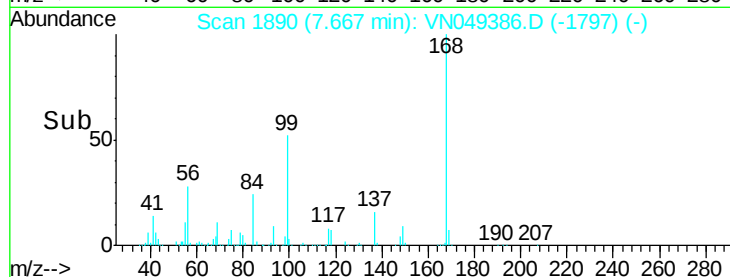
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.60 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049386.D

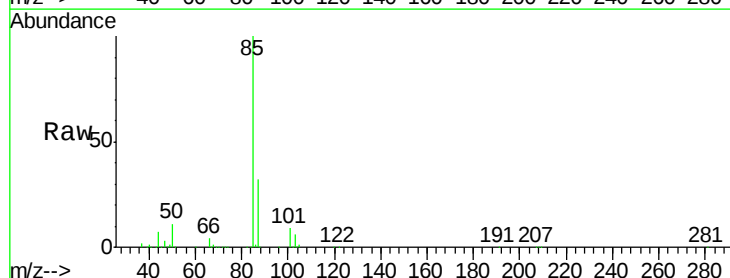
Acq: 19 Jun 2018 15:37

Tgt Ion: 85 Resp: 346824

Ion Ratio Lower Upper

85 100

87 32.2 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

300000

250000

200000

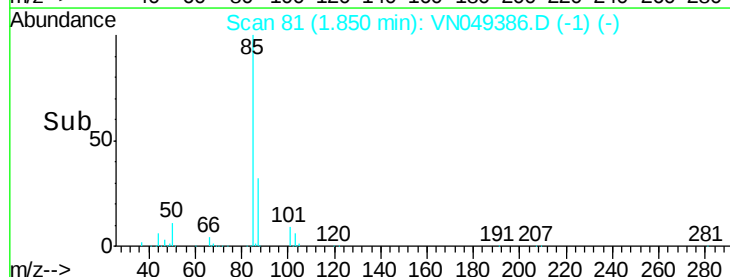
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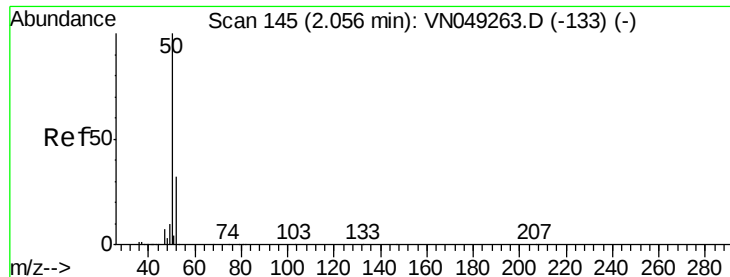
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.63 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

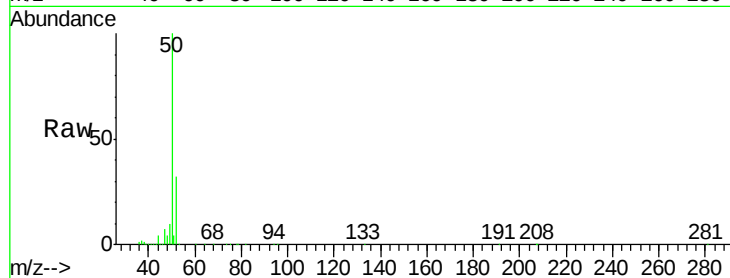
ClientSampleId :

Tot Ion: 50 Resp: 425909

Ion Ratio Lower Upper

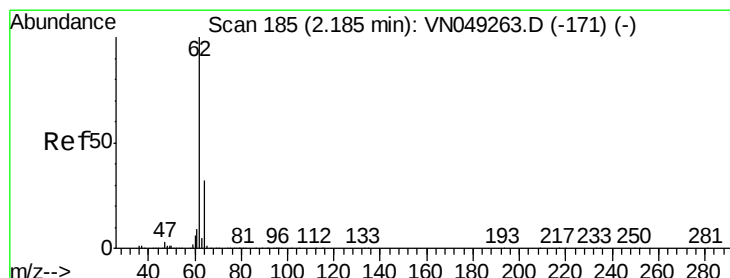
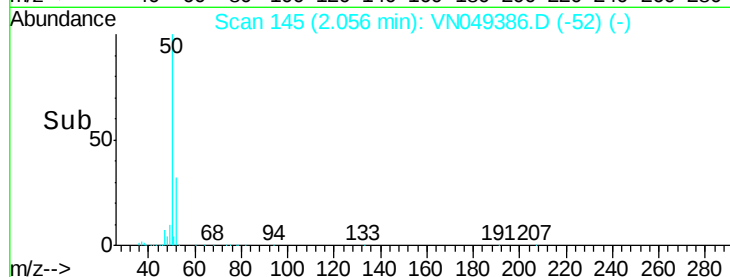
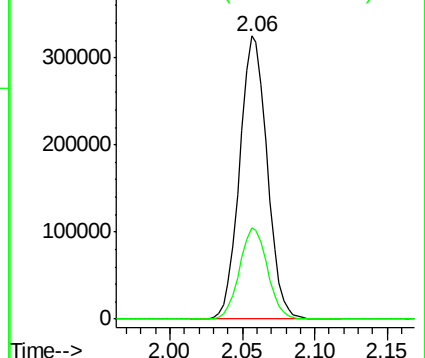
50 100

52 32.1 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: 18.97 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049386.D

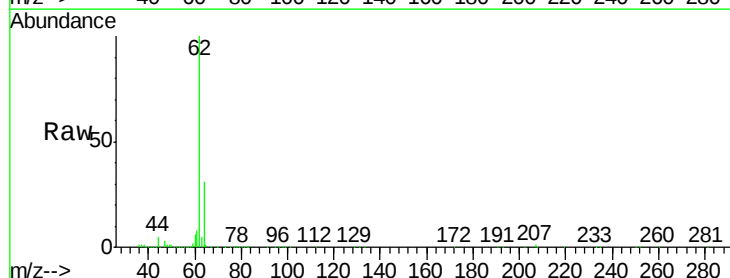
Acq: 19 Jun 2018 15:37

Tgt Ion: 62 Resp: 460719

Ion Ratio Lower Upper

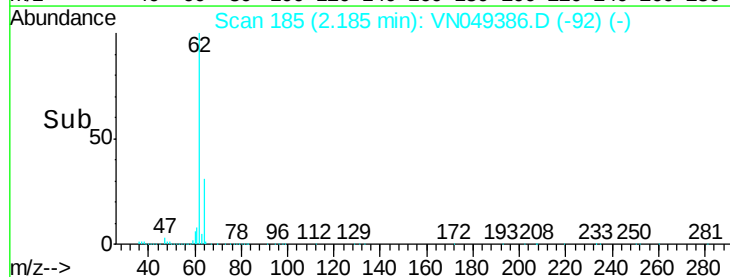
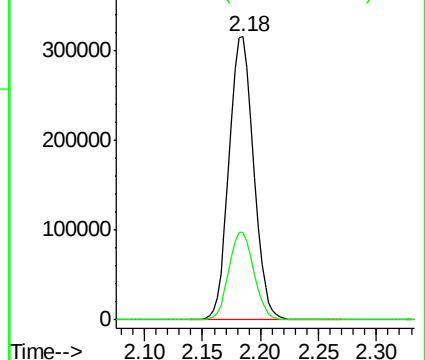
62 100

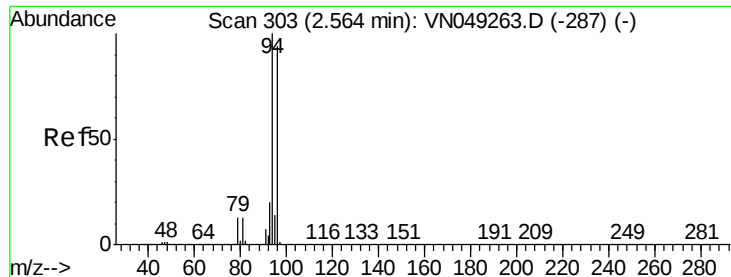
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.46 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

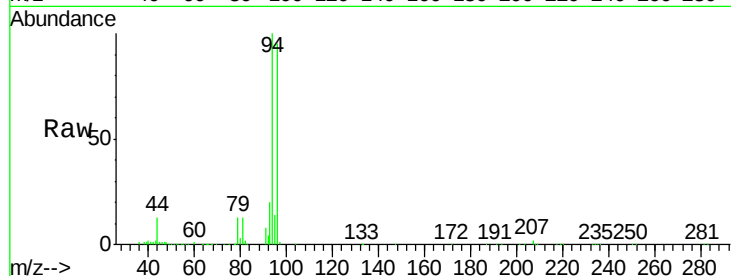
ClientSampleId :

Tot Ion: 94 Resp: 235722

Ion Ratio Lower Upper

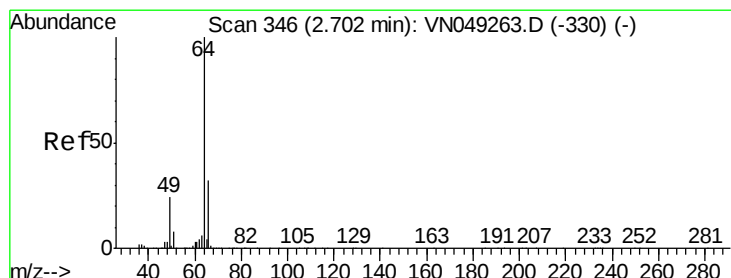
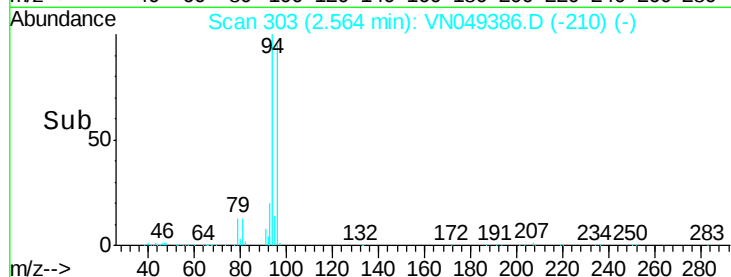
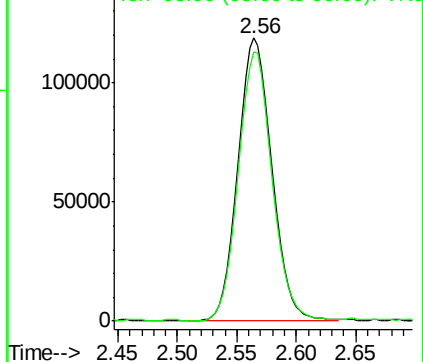
94 100

96 94.9 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: 19.73 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049386.D

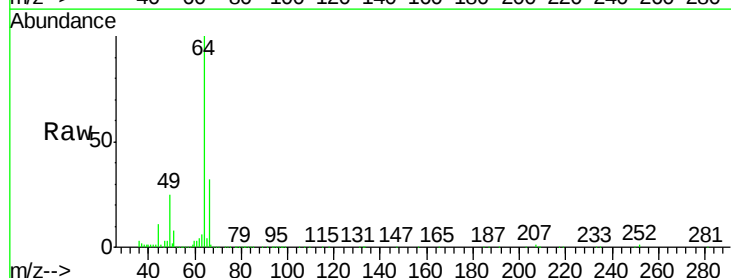
Acq: 19 Jun 2018 15:37

Tgt Ion: 64 Resp: 285794

Ion Ratio Lower Upper

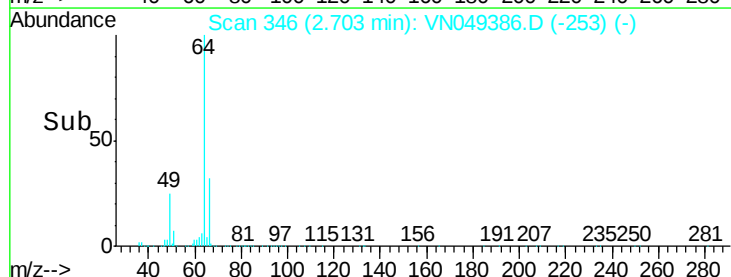
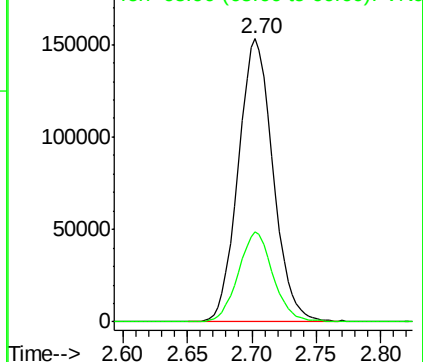
64 100

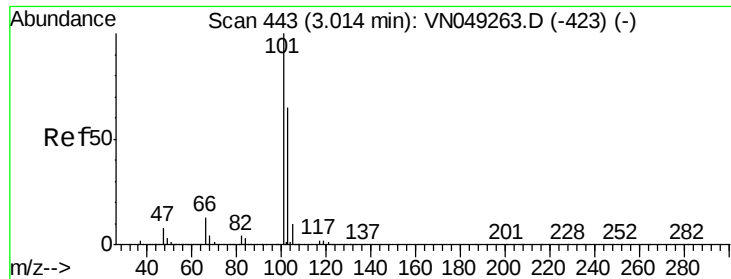
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



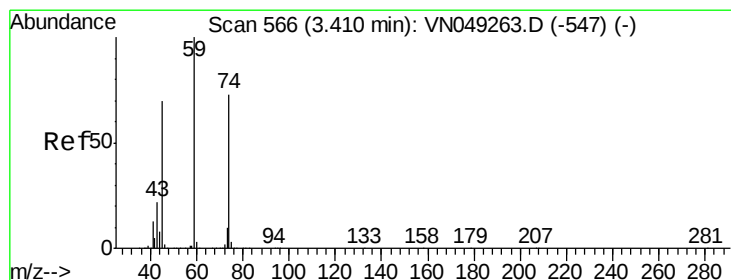
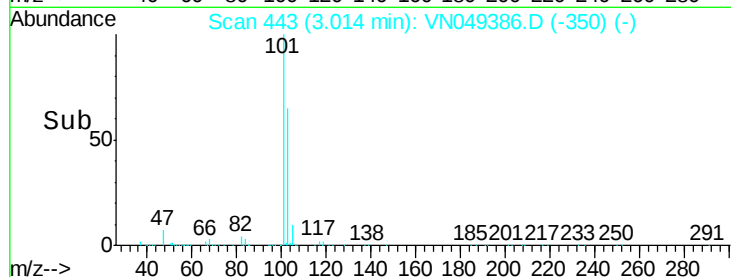
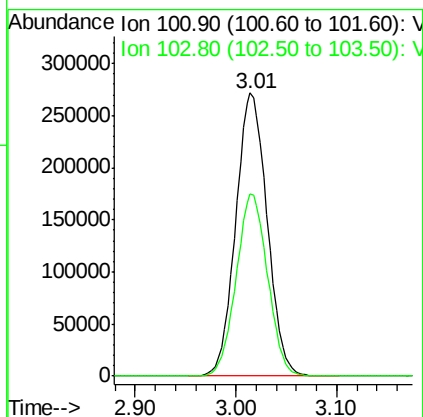
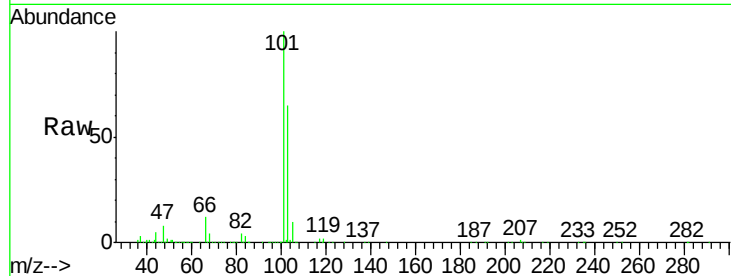


#7

Trichlorofluoromethane
Concen: 19.33 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Instrument :
MSVOA_N
ClientSampled :

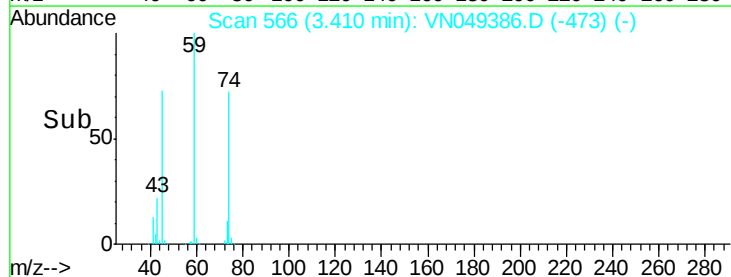
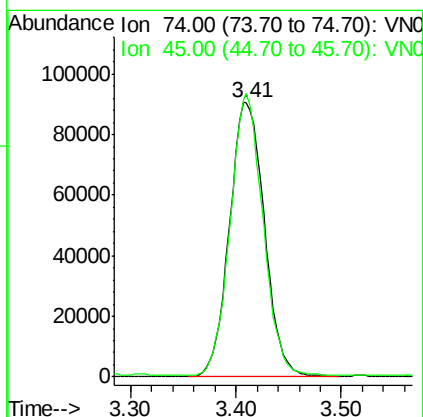
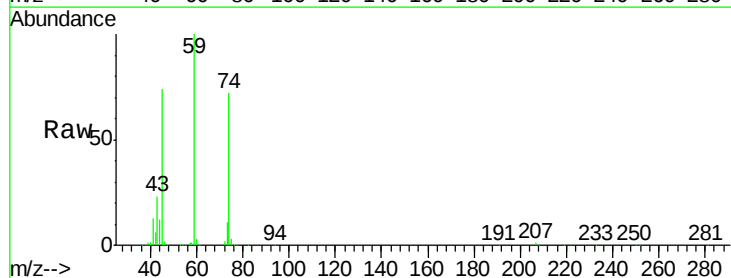
Tot Ion:101 Resp: 585705
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

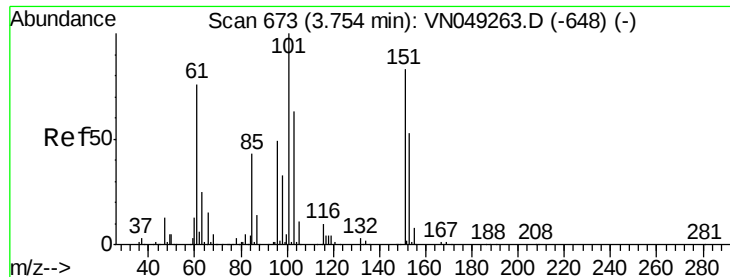


#8

Diethyl Ether
Concen: 19.70 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 74 Resp: 208365
Ion Ratio Lower Upper
74 100
45 96.1 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.97 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

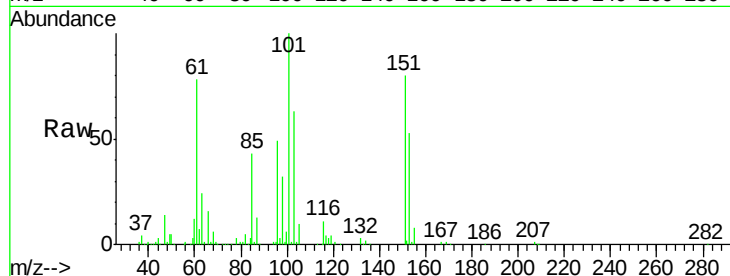
Tot Ion:101 Resp: 364582

Ion Ratio Lower Upper

101 100

85 42.4 37.6 56.4

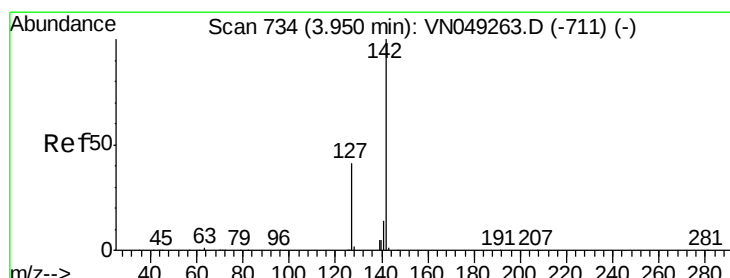
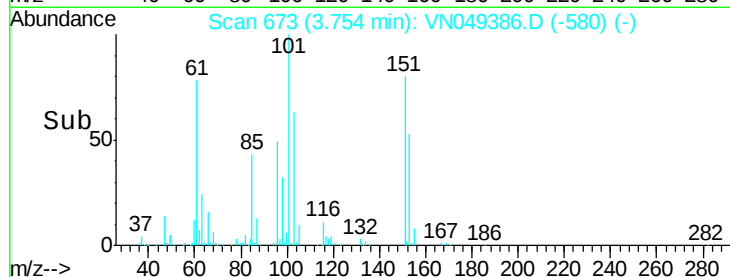
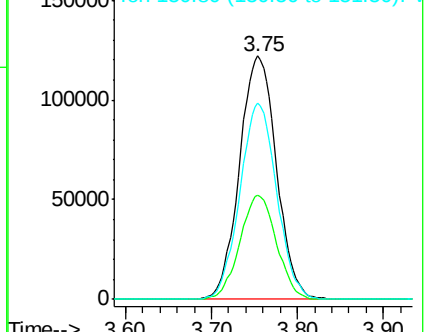
151 80.3 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.60 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

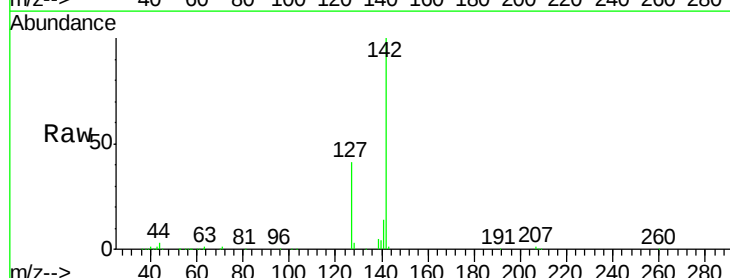
Tgt Ion:142 Resp: 332197

Ion Ratio Lower Upper

142 100

127 41.3 38.2 57.4

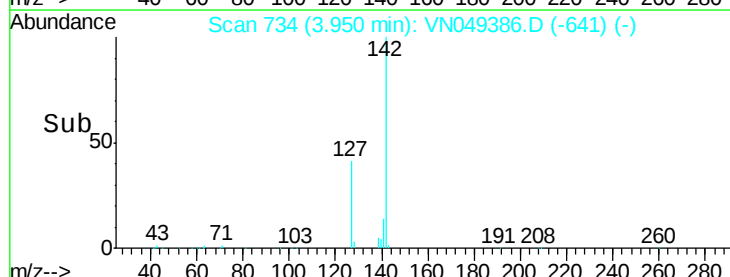
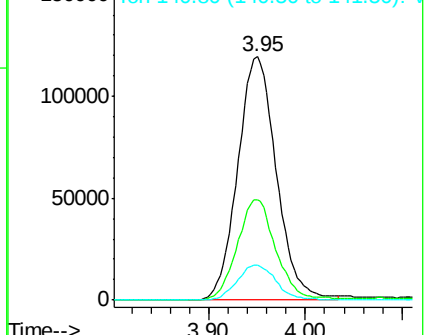
141 14.5 11.9 17.9

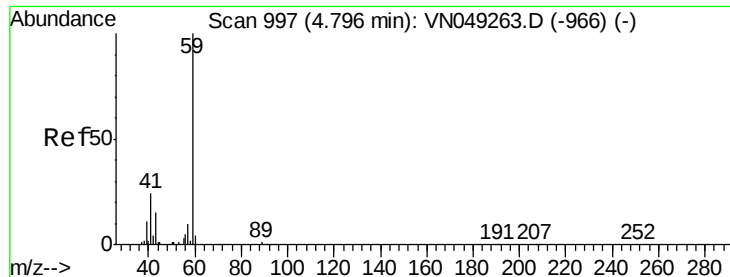


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



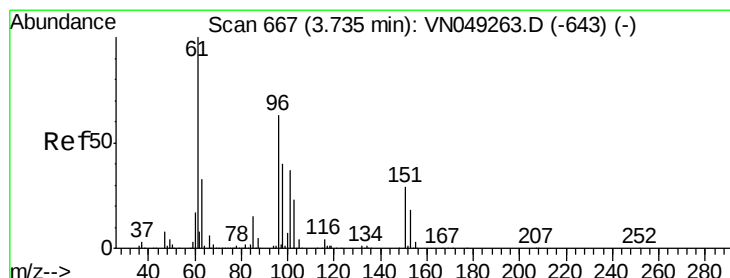
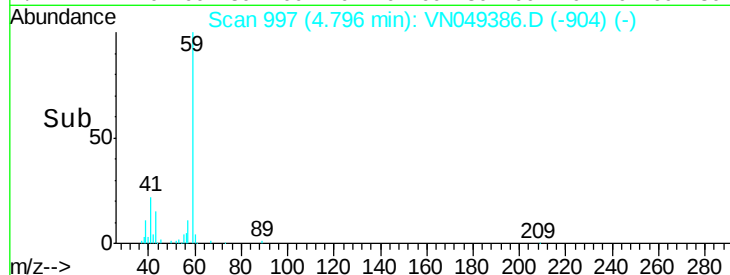
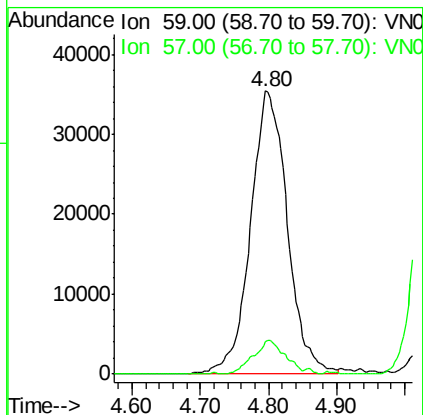
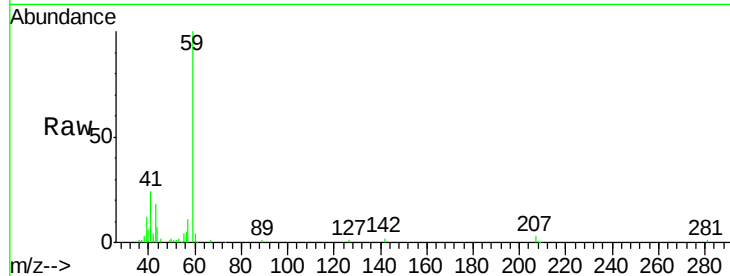


#11

Tert butyl alcohol
 Concen: 111.01 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Instrument :
 MSVOA_N
 ClientSampled :

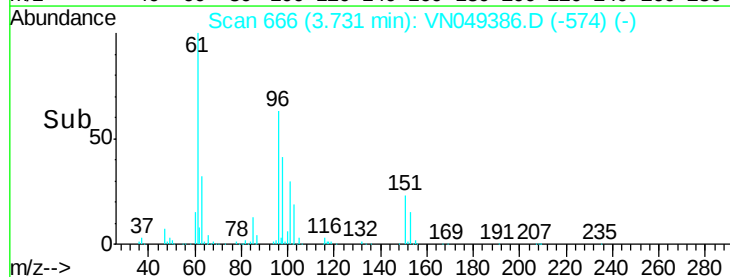
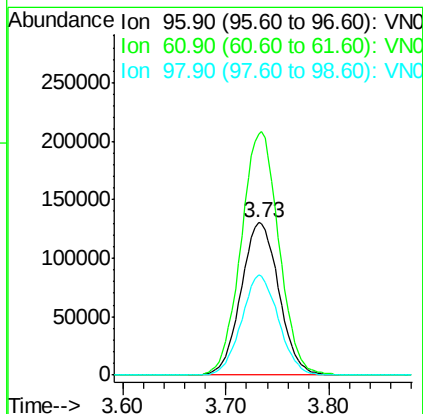
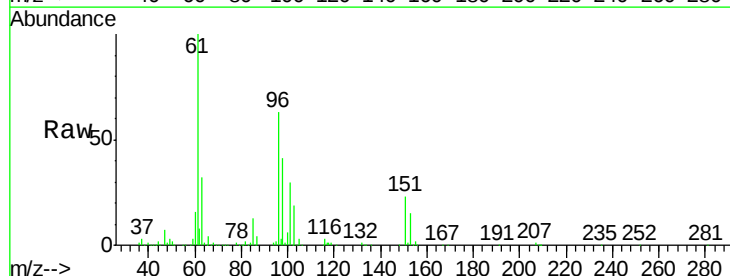
Tot Ion: 59 Resp: 132892
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

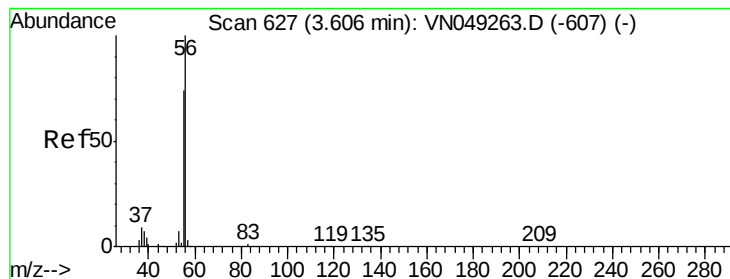


#12

1,1-Dichloroethene
 Concen: 18.73 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion: 96 Resp: 330289
 Ion Ratio Lower Upper
 96 100
 61 158.4 141.0 211.4
 98 65.5 50.4 75.6





#13

Acrolein

Concen: 153.95 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

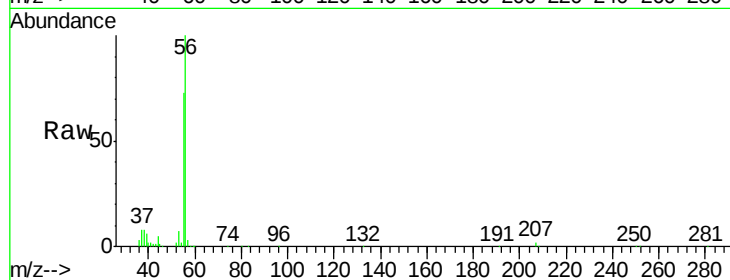
ClientSampleId :

Tot Ion: 56 Resp: 193262

Ion Ratio Lower Upper

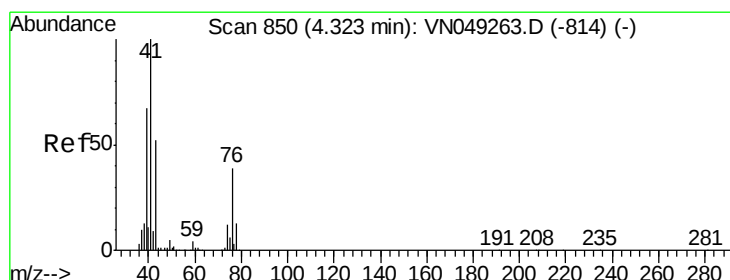
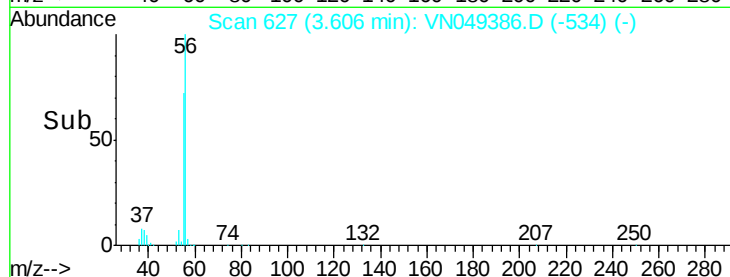
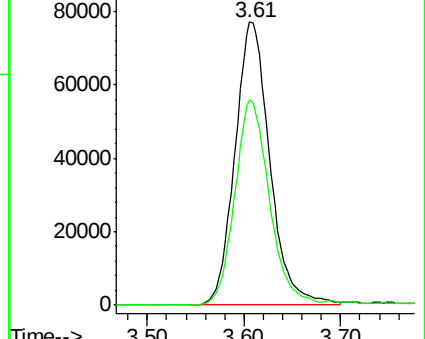
56 100

55 71.9 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: 18.91 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

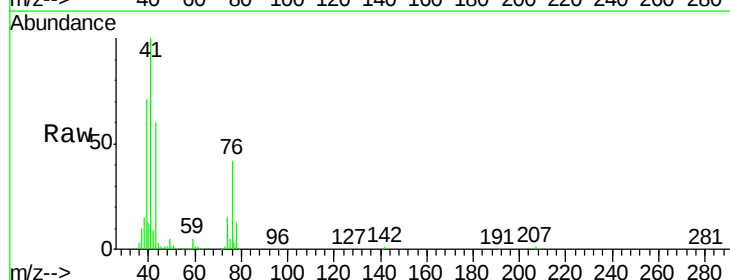
Tgt Ion: 41 Resp: 526404

Ion Ratio Lower Upper

41 100

39 66.8 62.5 93.7

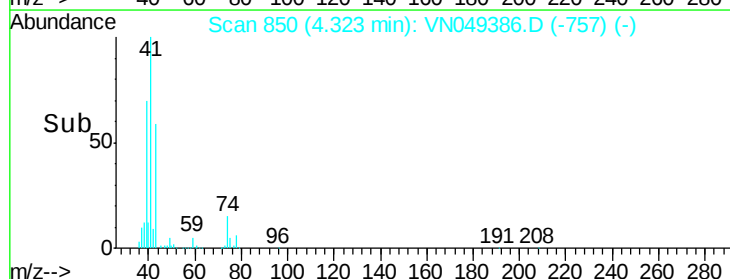
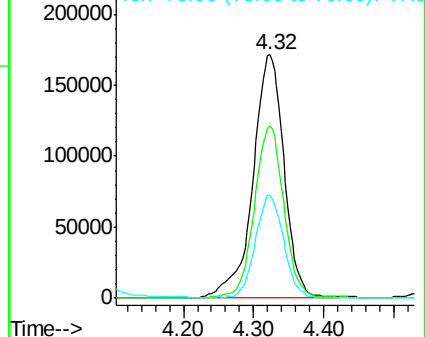
76 37.8 27.1 40.7



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



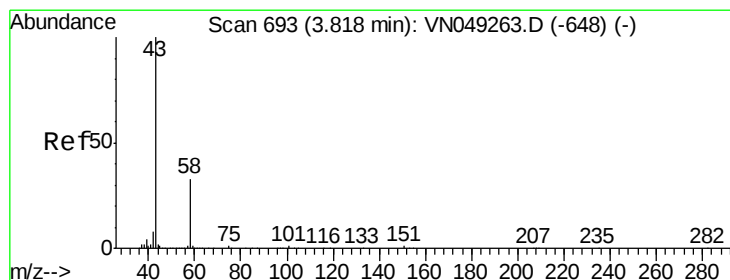
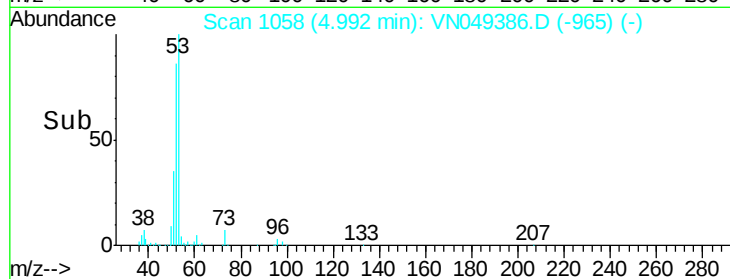
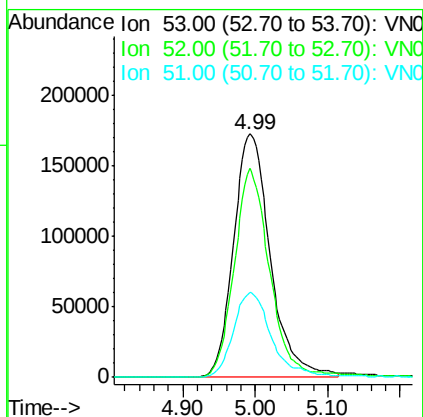
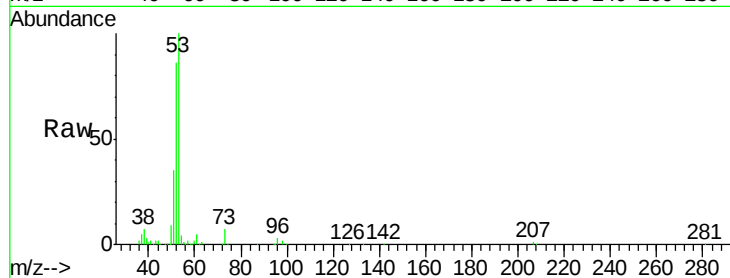


#15
 Acrylonitrile
 Concen: 101.95 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 610247

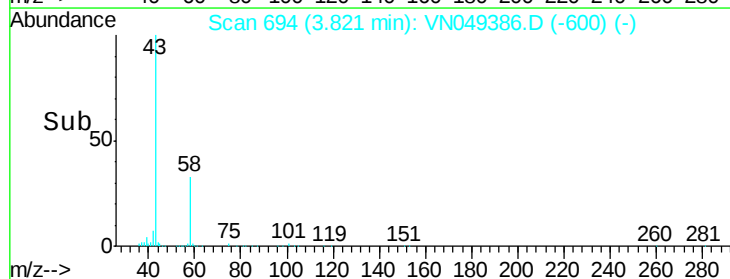
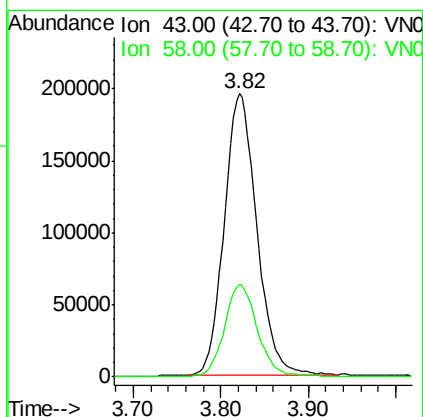
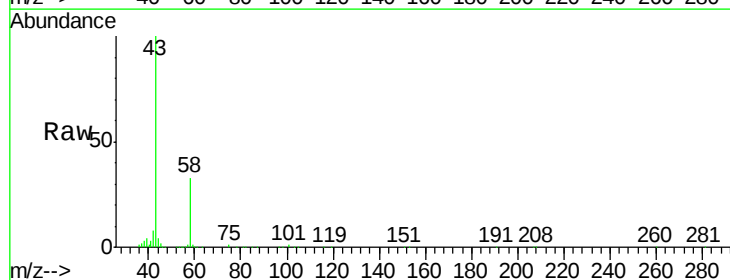
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.6	100.0
51	36.3	29.8	44.8

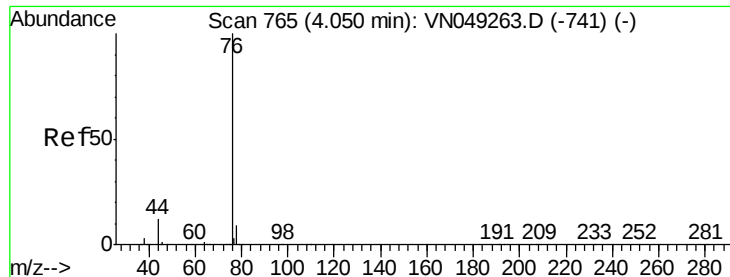


#16
 Acetone
 Concen: 101.26 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion: 43 Resp: 501479

Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.4	33.6

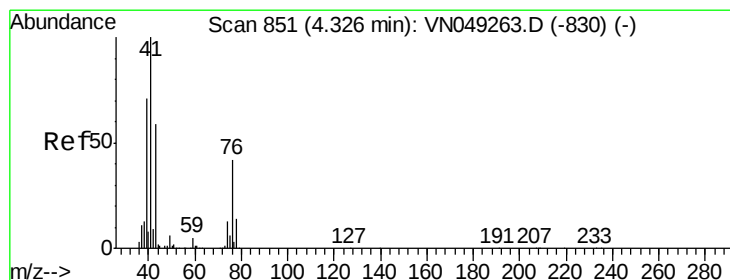
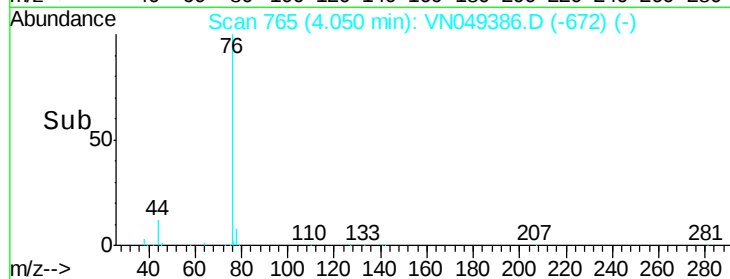
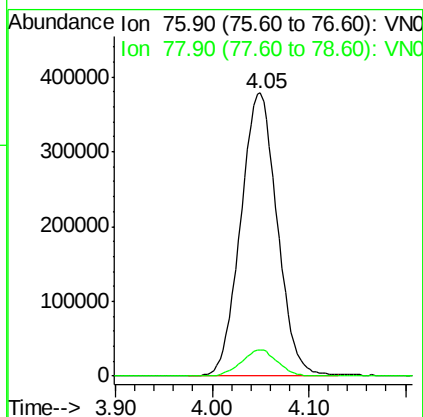
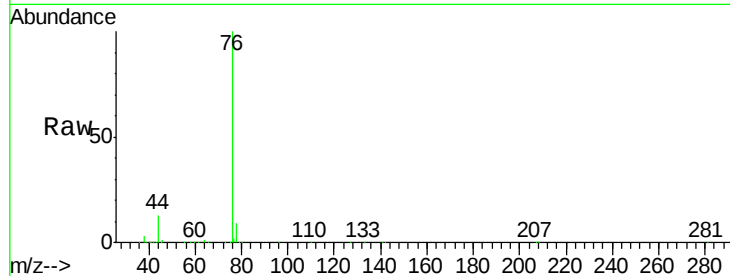




#17
Carbon Disulfide
Concen: 18.01 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

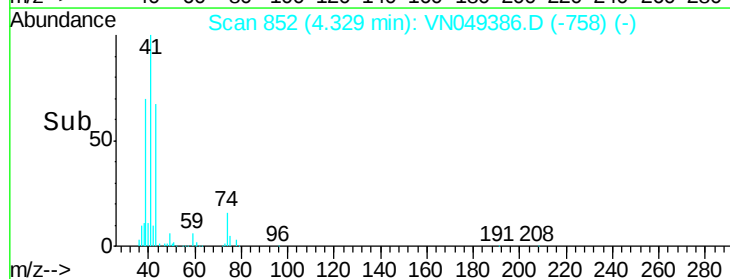
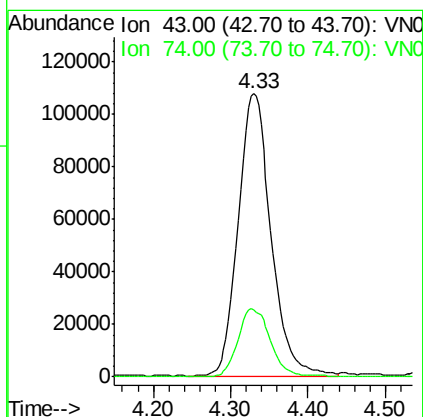
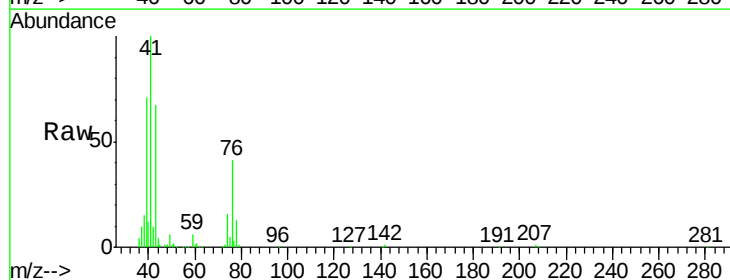
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 995258
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.04 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 43 Resp: 317761
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0

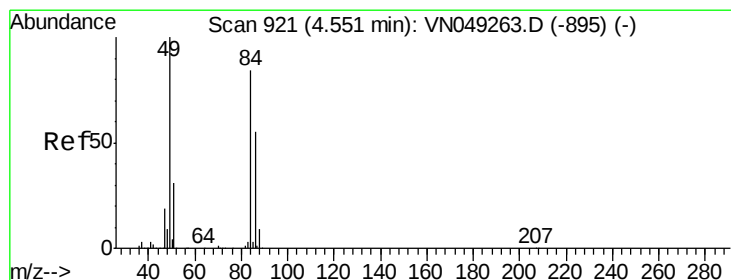
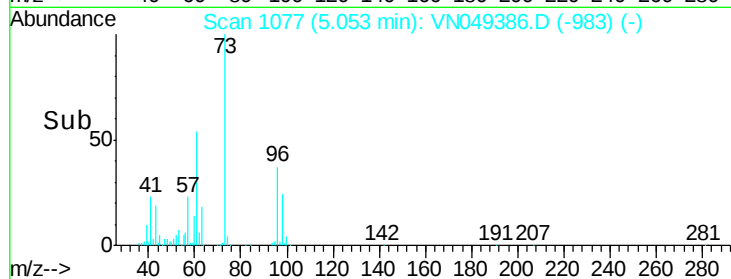
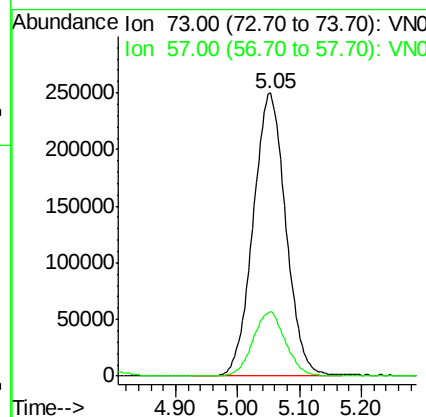
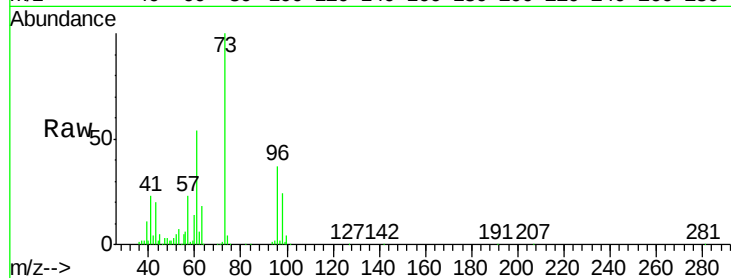




#19
Methvl tert-butvl Ether
Concen: 20.40 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

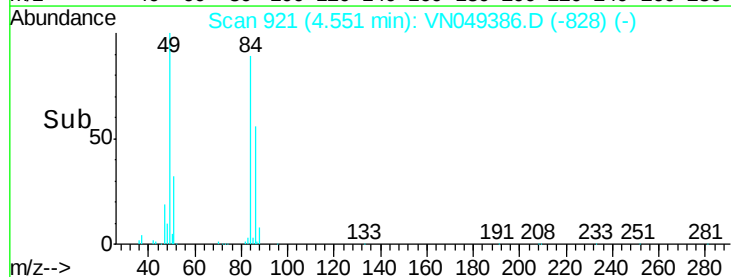
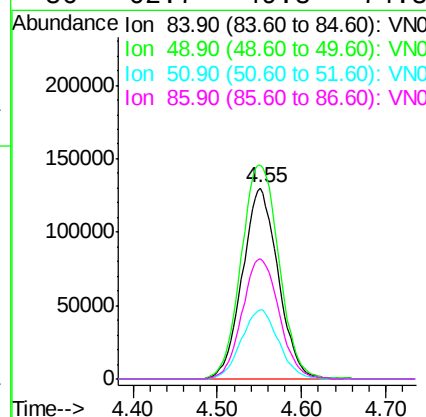
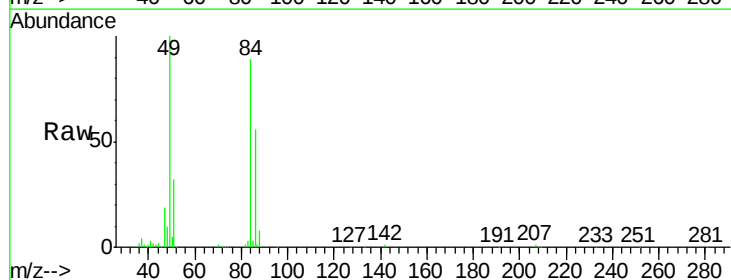
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 916966
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4



#20
Methylene Chloride
Concen: 18.60 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 84 Resp: 384726
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 36.3 32.7 49.1
86 62.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.61 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

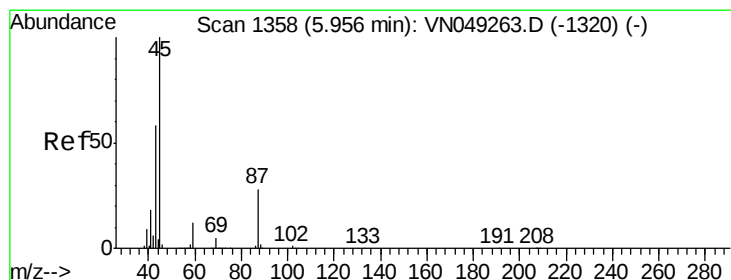
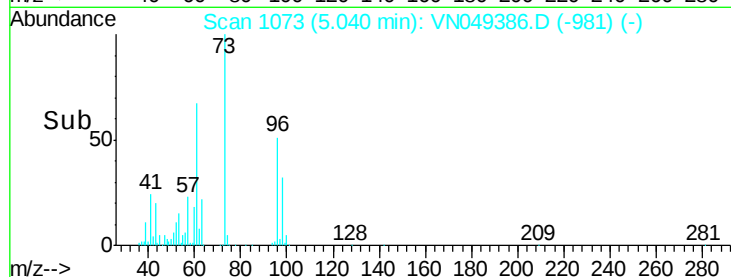
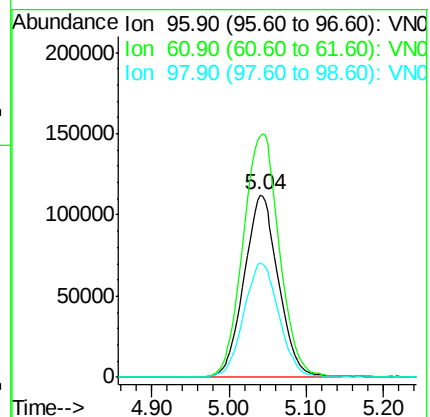
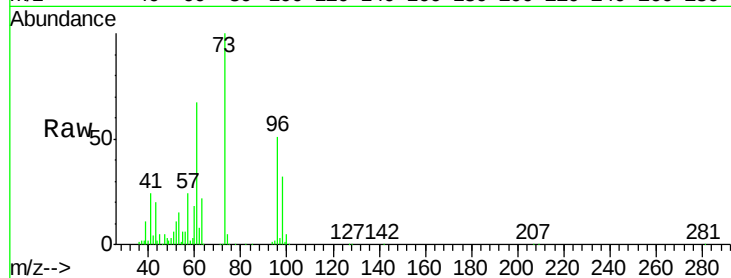
Tot Ion: 96 Resp: 347438

Ion Ratio Lower Upper

96 100

61 132.3 121.3 181.9

98 62.6 52.0 78.0



#22

Diisopropyl ether

Concen: 19.92 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Tgt Ion: 45 Resp: 1107405

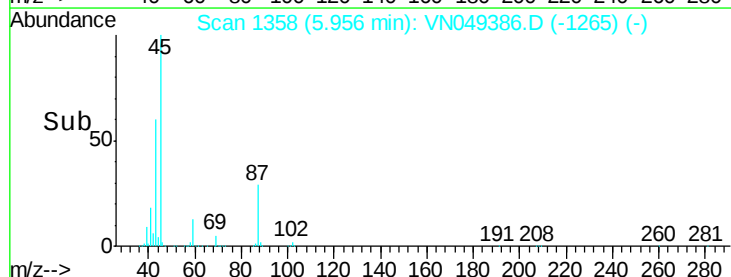
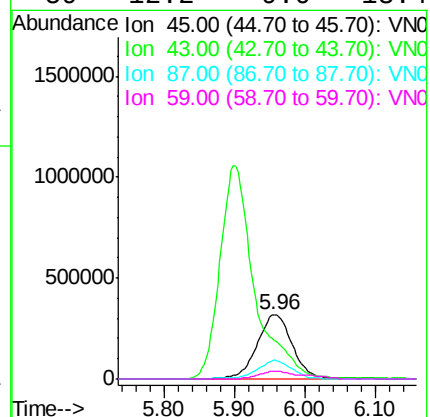
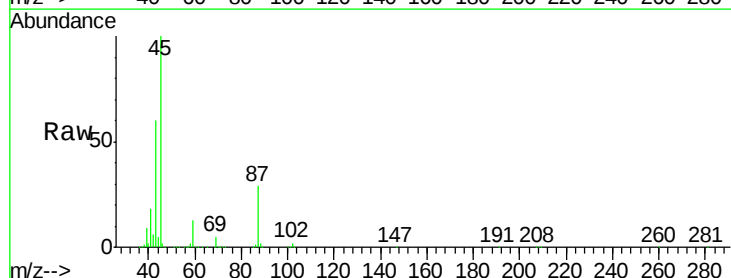
Ion Ratio Lower Upper

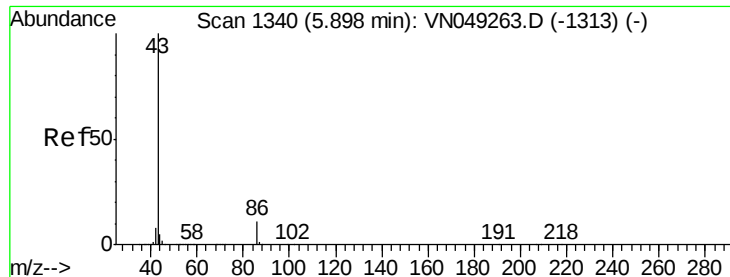
45 100

43 58.2 48.6 72.8

87 28.5 20.2 30.2

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 100.74 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

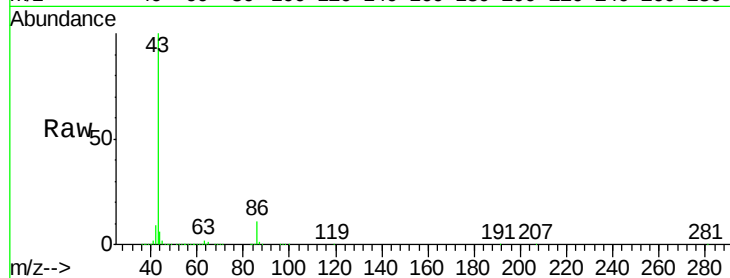
ClientSampled :

Tot Ion: 43 Resp: 3651208

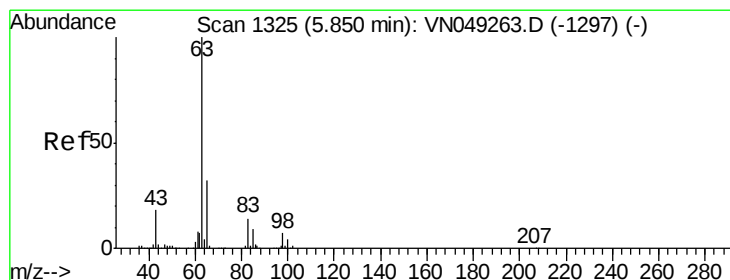
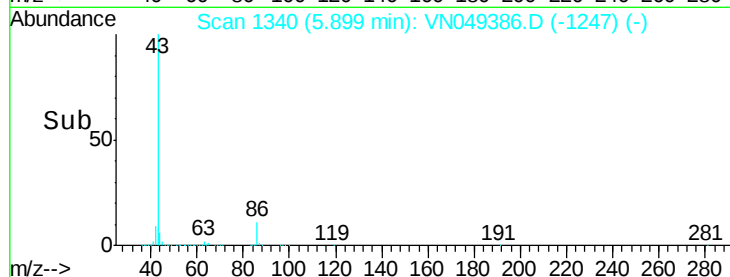
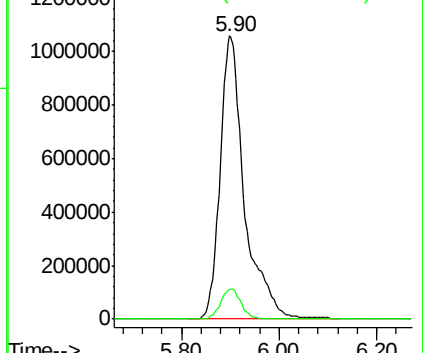
Ion Ratio Lower Upper

43 100

86 10.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049386.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 18.75 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

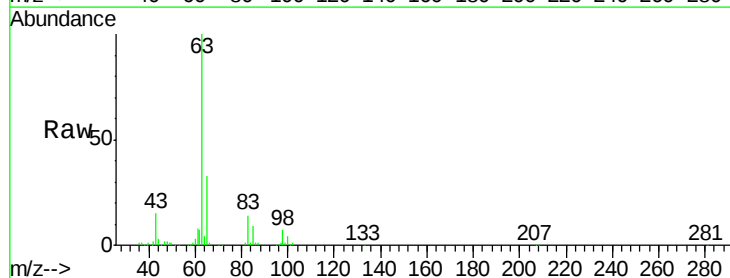
Tgt Ion: 63 Resp: 667315

Ion Ratio Lower Upper

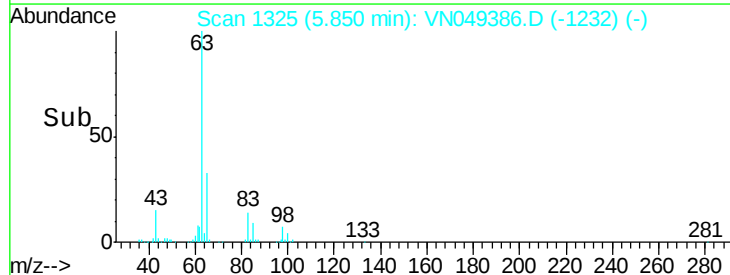
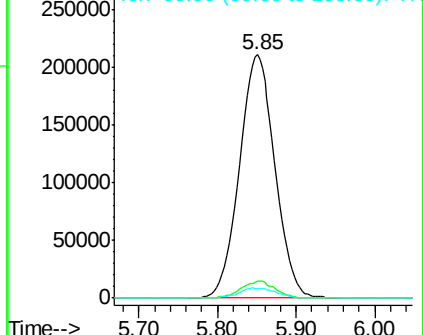
63 100

98 6.8 2.9 8.8

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049386.D (-1232) (-)





#25

2-Butanone

Concen: 105.07 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

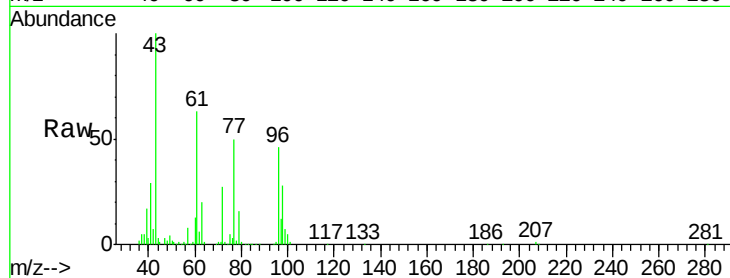
ClientSampled :

Tot Ion: 43 Resp: 698686

Ion Ratio Lower Upper

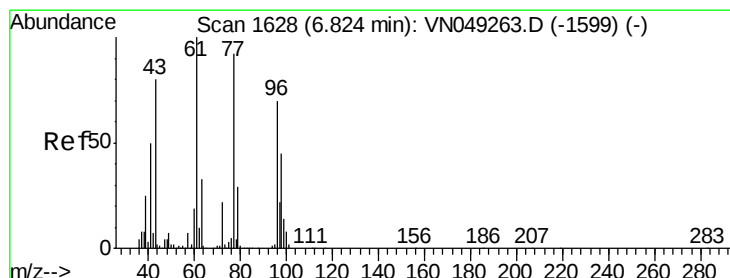
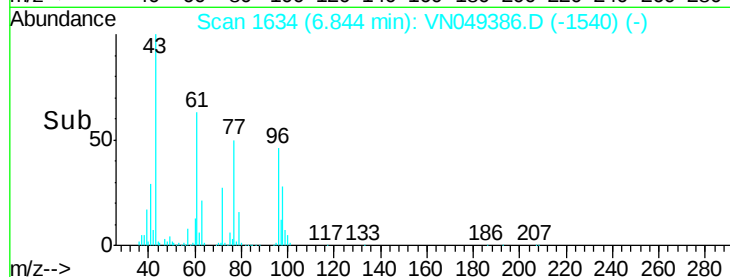
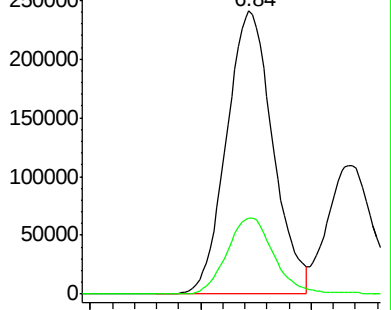
43 100

72 26.8 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: VN049386.D

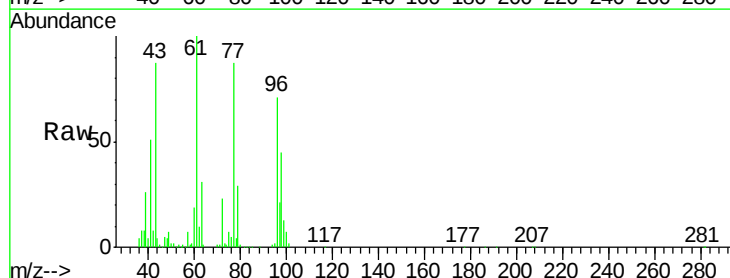
Acq: 19 Jun 2018 15:37

Tgt Ion: 77 Resp: 539919

Ion Ratio Lower Upper

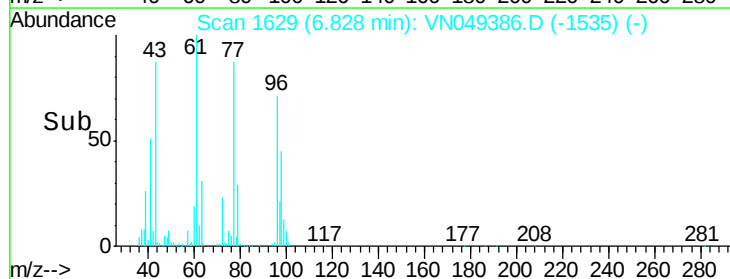
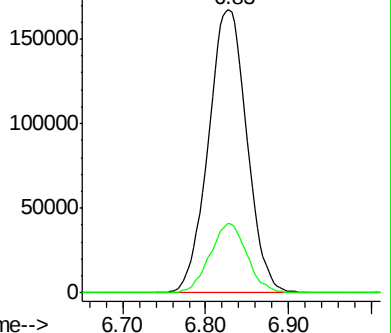
77 100

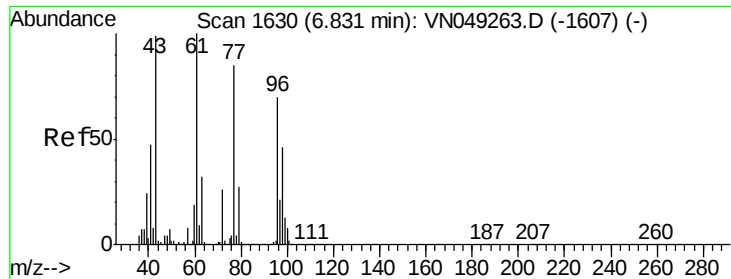
97 23.5 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

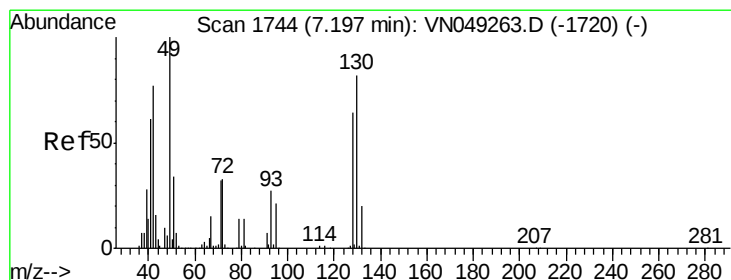
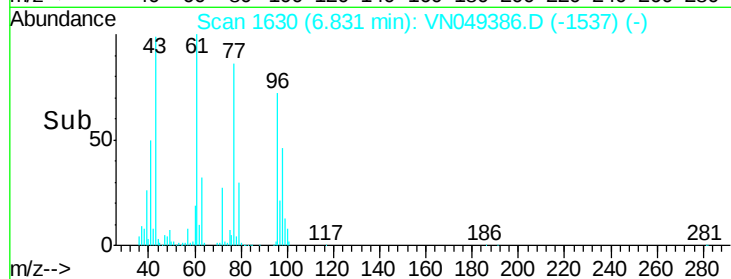
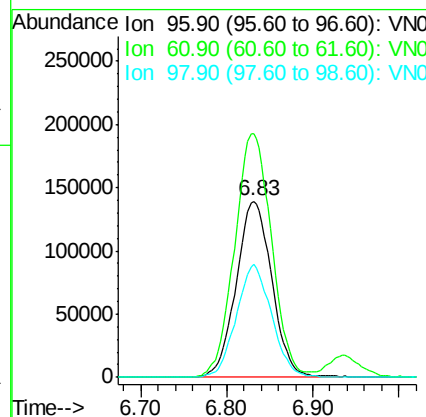
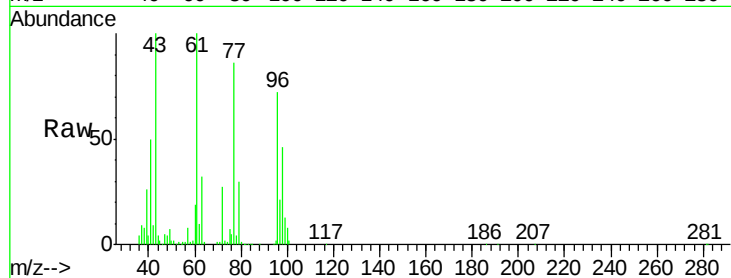




#27
 cis-1,2-Dichloroethene
 Concen: 19.28 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

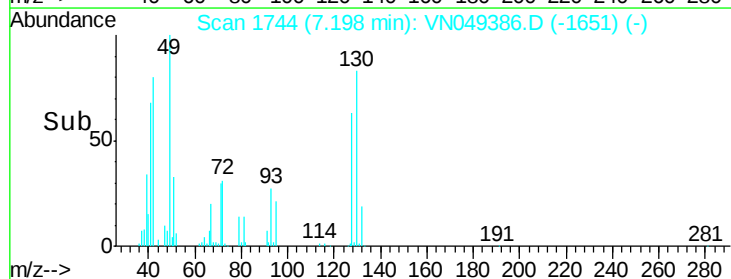
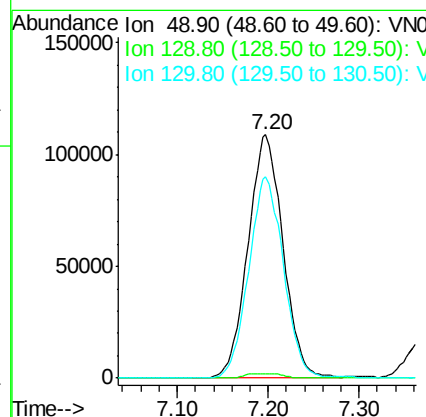
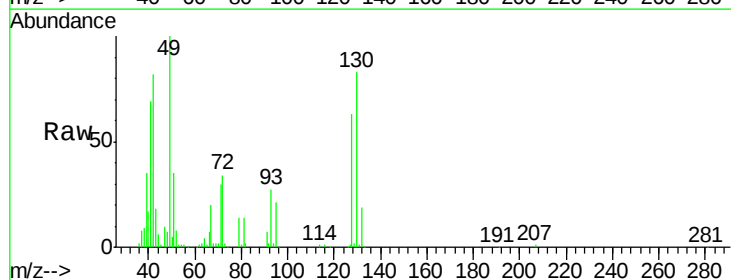
Instrument :
 MSVOA_N
 ClientSampled :

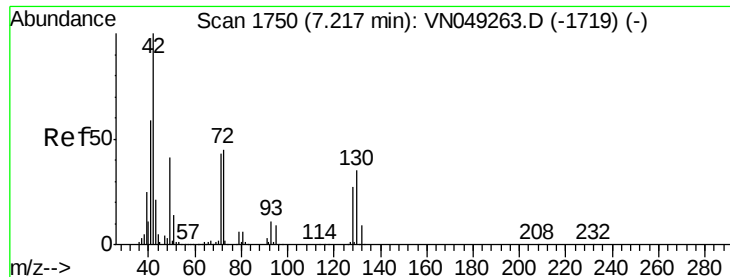
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	316.4
98	63.7	0.0	128.4



#28
 Bromochloromethane
 Concen: 18.43 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	82.0	54.9	82.3





#29

Tetrahydrofuran

Concen: 104.49 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

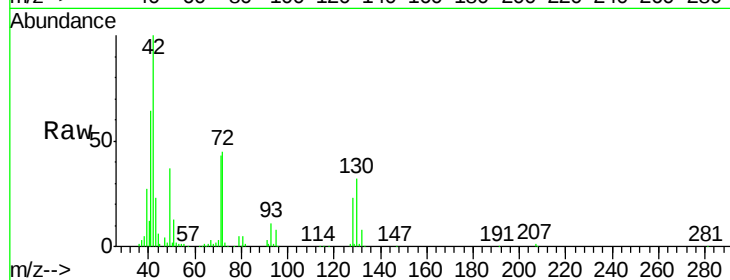
Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 447250

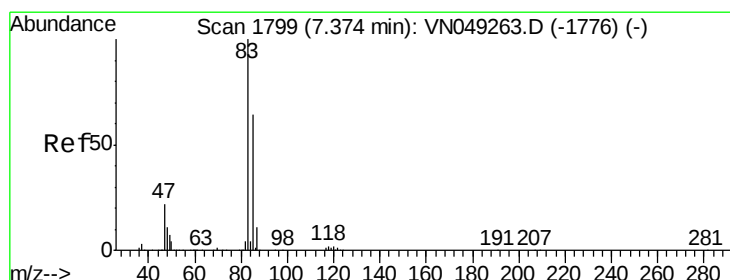
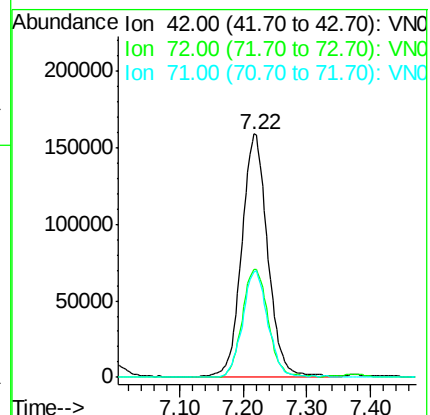
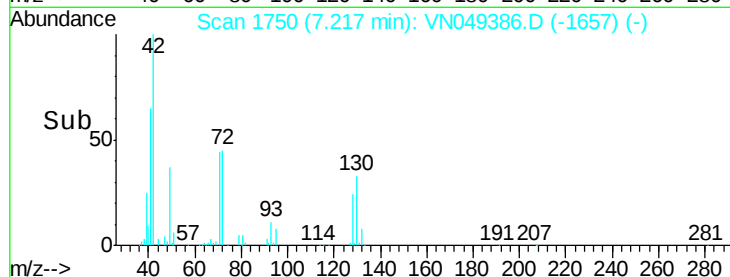
Ion	Ratio	Lower	Upper
42	100		
72	44.4	32.2	48.4
71	42.7	30.5	45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.32 ug/l

RT: 7.37 min Scan# 1799

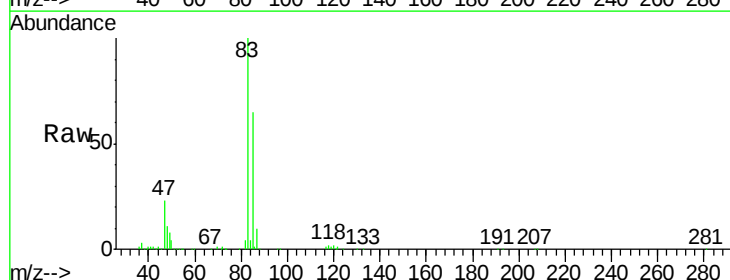
Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

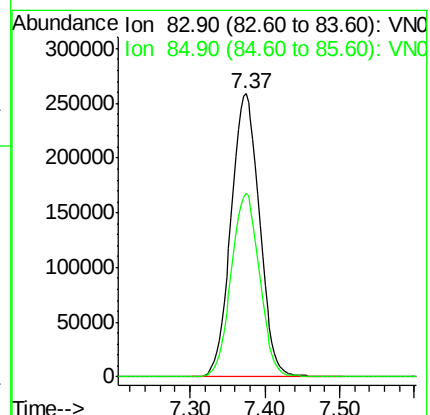
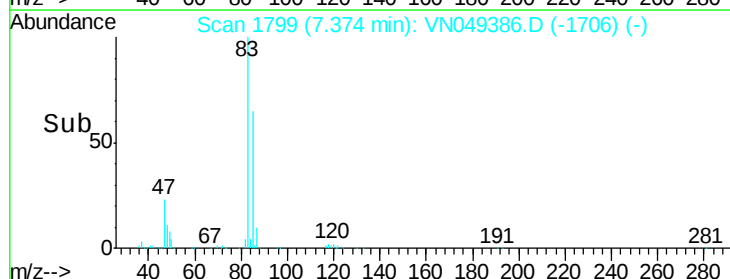
Tgt Ion: 83 Resp: 684276

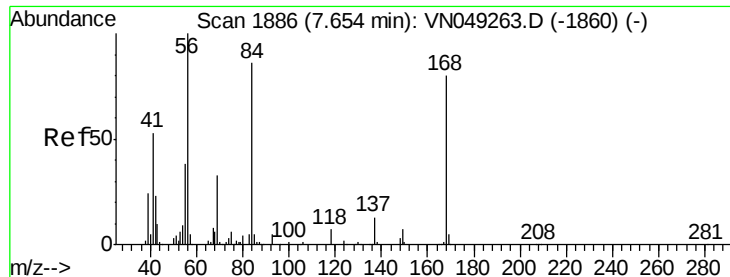
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

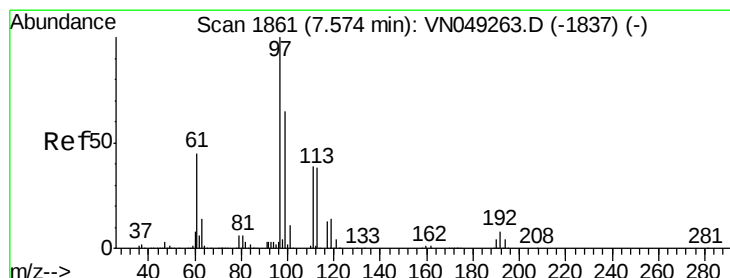
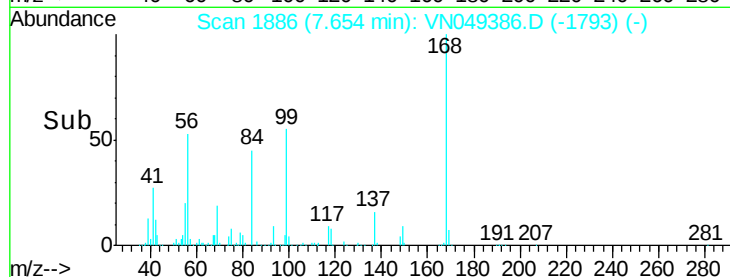
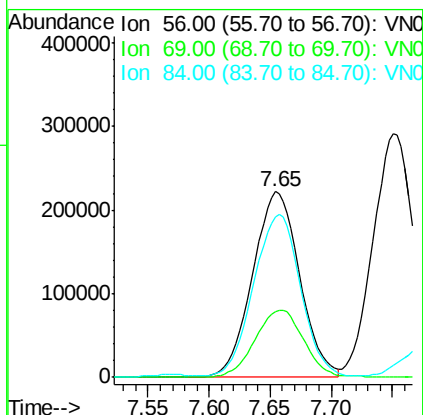
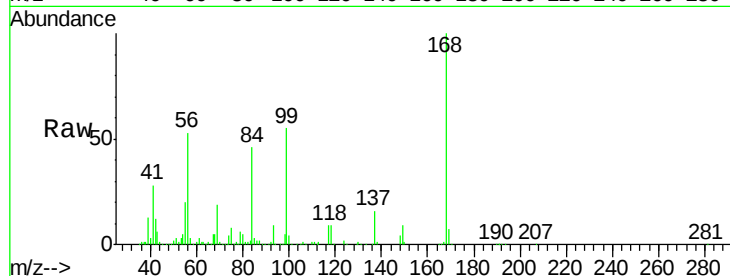




#31
Cyclohexane
Concen: 19.56 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

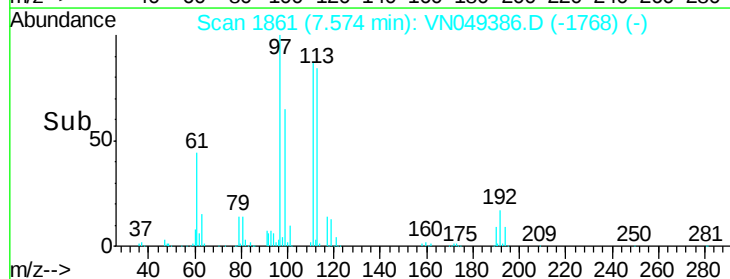
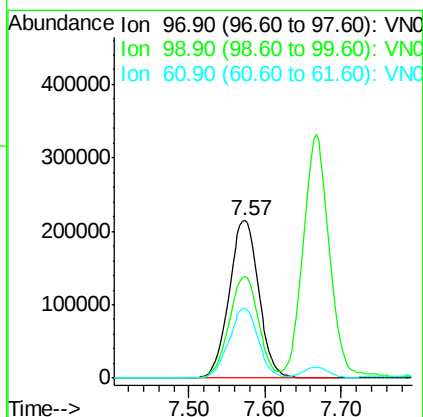
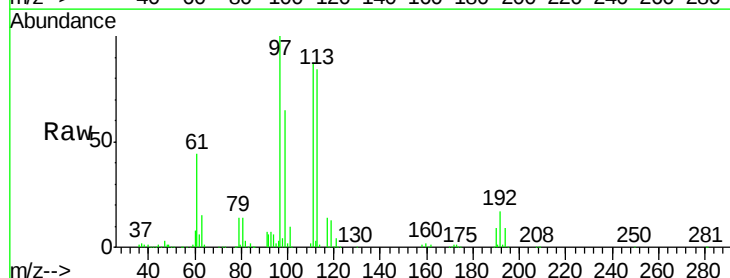
Instrument :
MSVOA_N
ClientSampled :

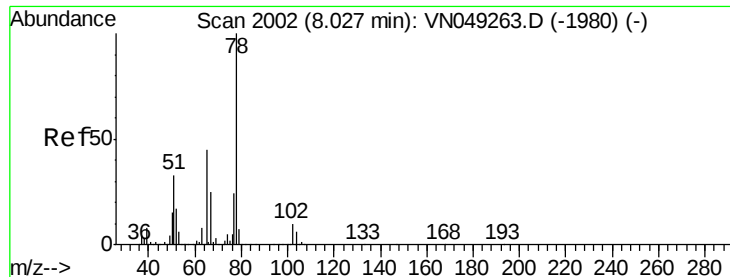
Tot Ion: 56 Resp: 593311
Ion Ratio Lower Upper
56 100
69 35.7 25.0 37.4
84 85.2 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 19.24 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 97 Resp: 581303
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 43.8 37.9 56.9

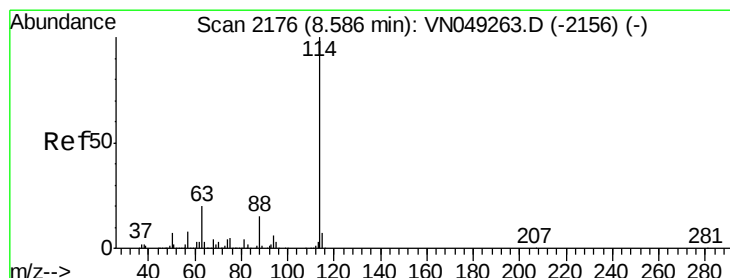
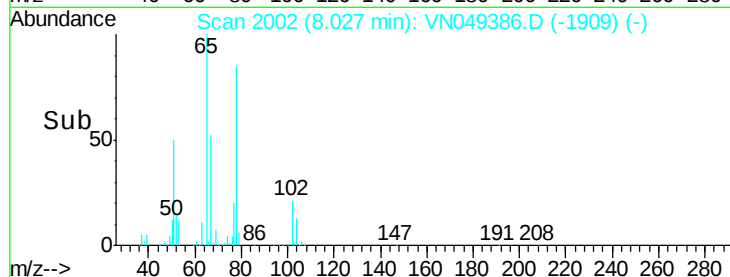
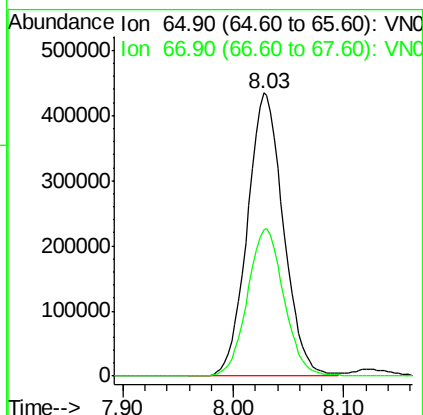
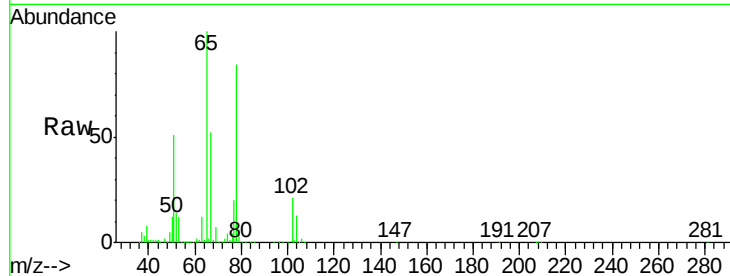




#33
 1,2-Dichloroethane-d4
 Concen: 48.29 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

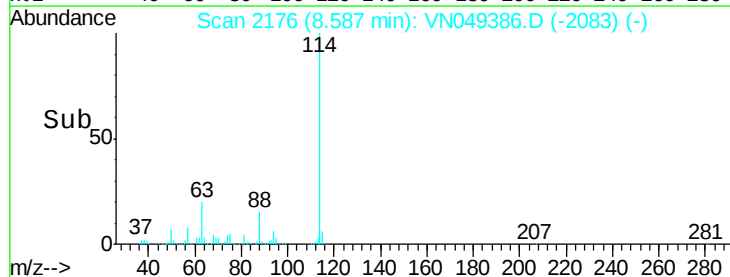
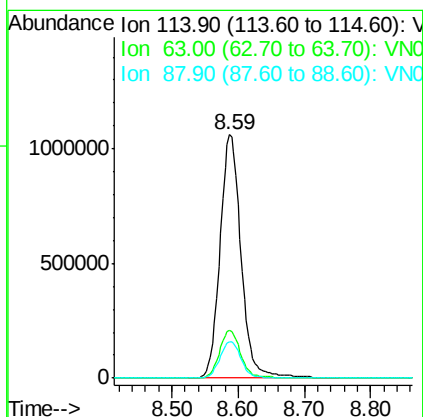
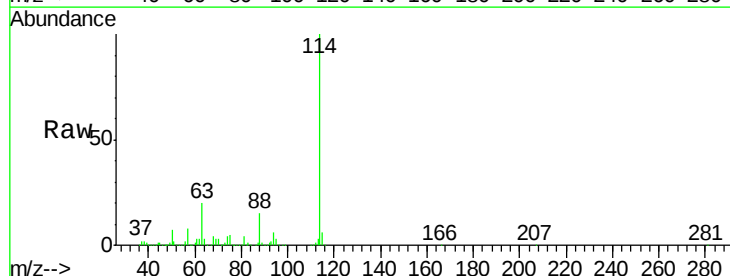
Instrument :
 MSVOA_N
 ClientSampleId :

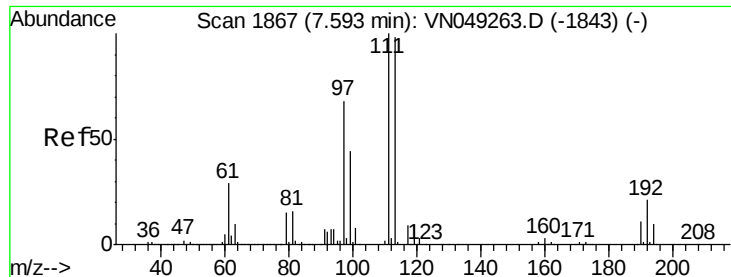
Tot Ion: 65 Resp: 984822
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion: 114 Resp: 2335700
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 44.4
 88 15.0 0.0 31.4

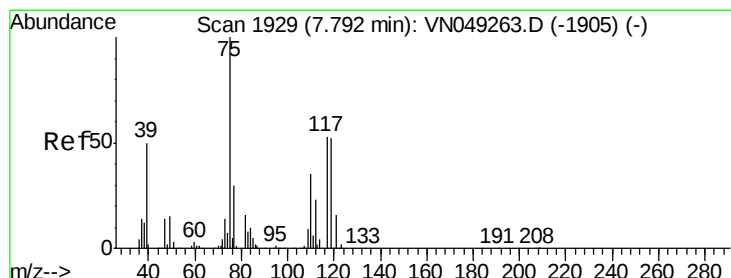
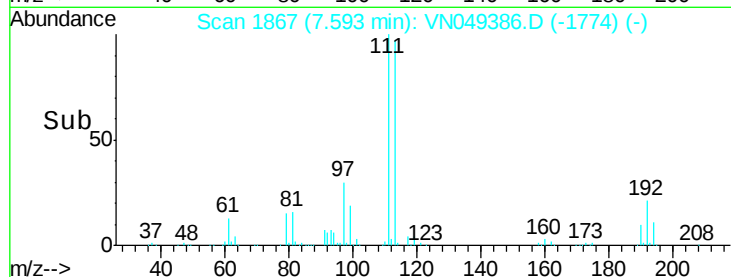
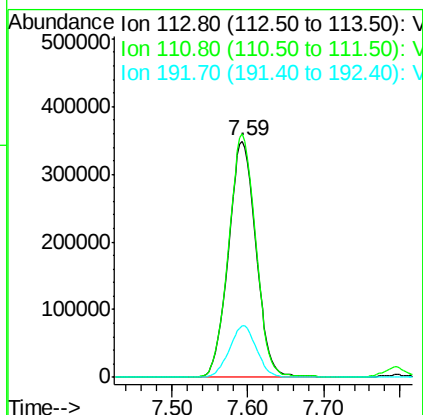
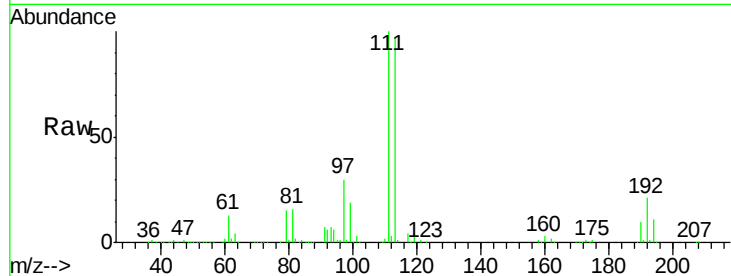




#35
 Dibromofluoromethane
 Concen: 46.54 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

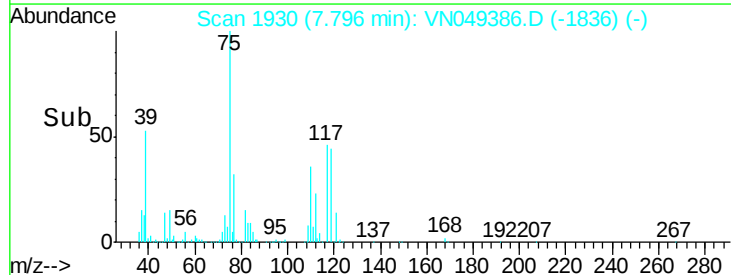
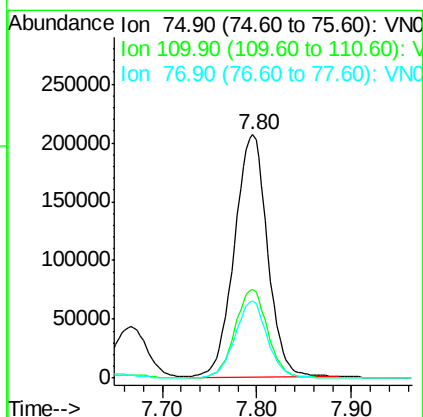
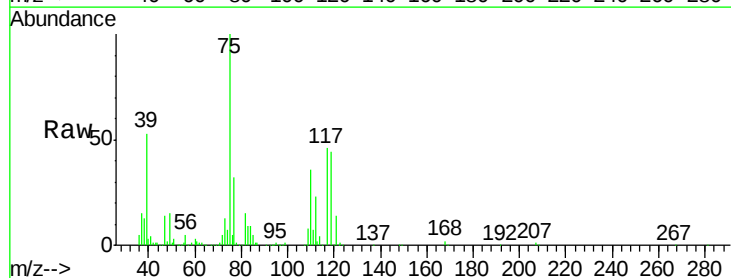
Instrument :
 MSVOA_N
 ClientSampleId :

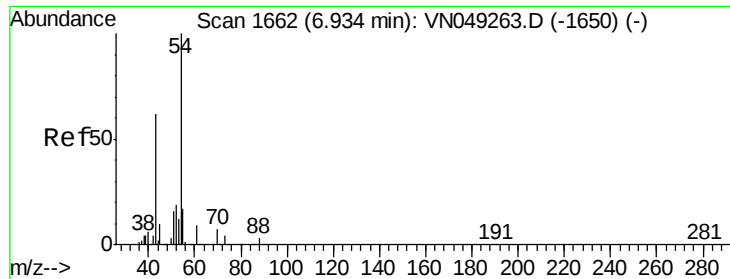
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	21.7	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 18.78 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	31.3	24.4	36.6

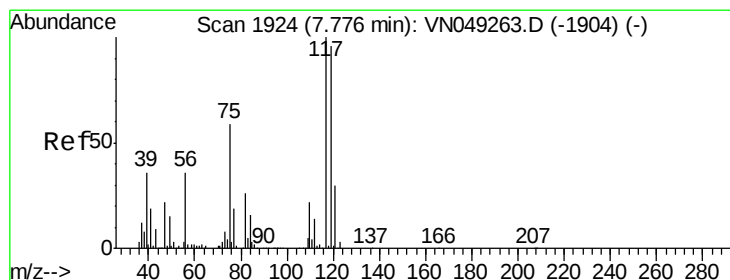
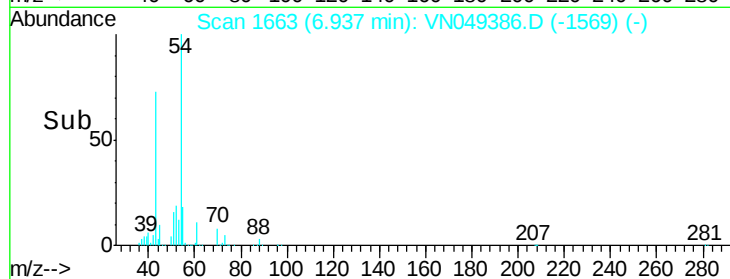
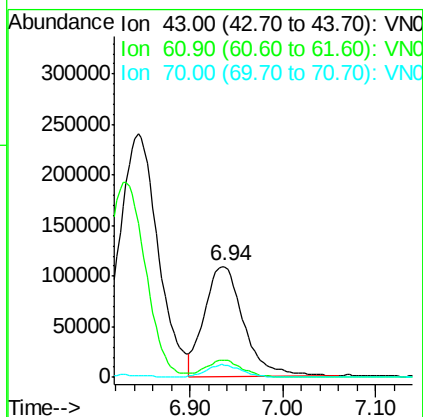
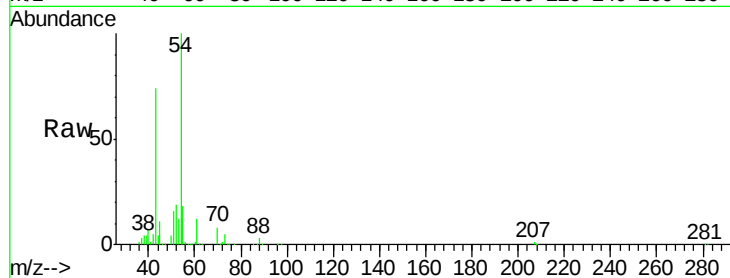




#37
Ethyl Acetate
Concen: 21.83 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

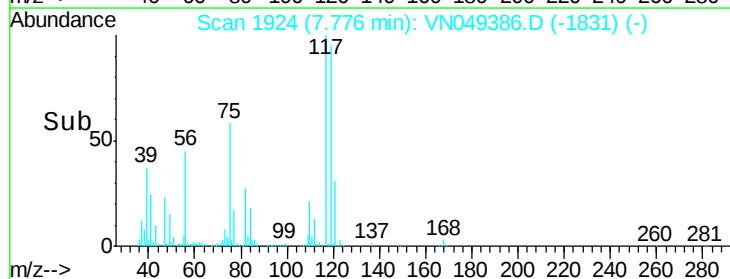
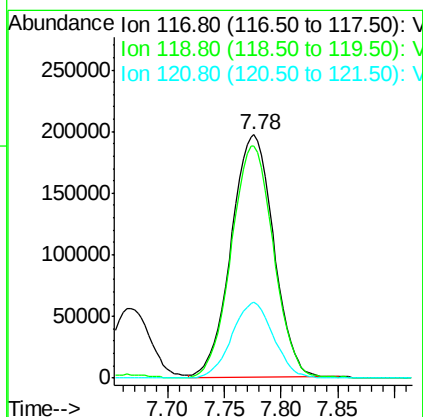
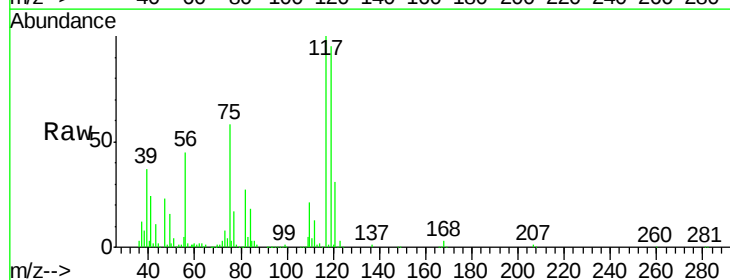
Instrument :
MSVOA_N
ClientSampleID :

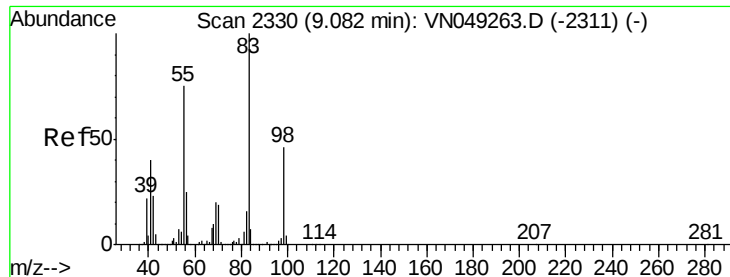
Tot Ion: 43 Resp: 317664
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.49 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 117 Resp: 512503
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4
121 31.1 24.7 37.1

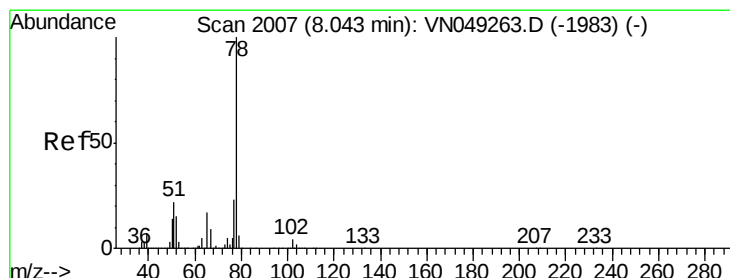
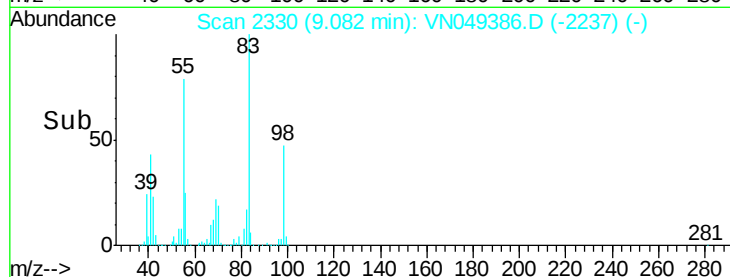
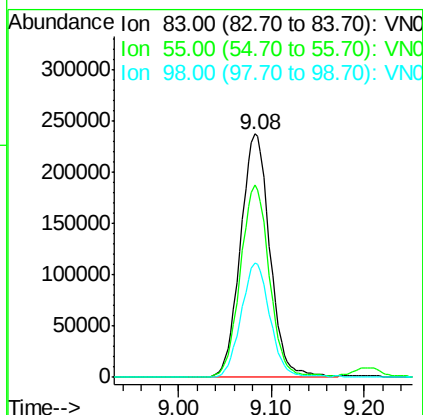
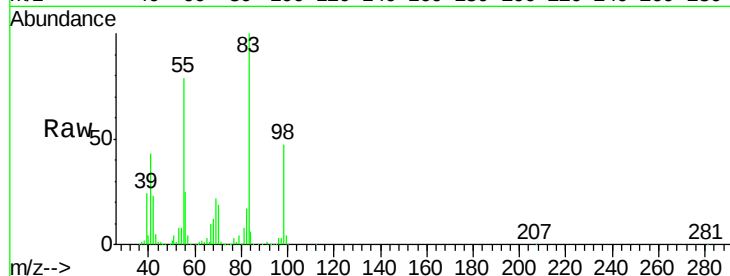




#39
Methvlcvclohexane
Concen: 18.20 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

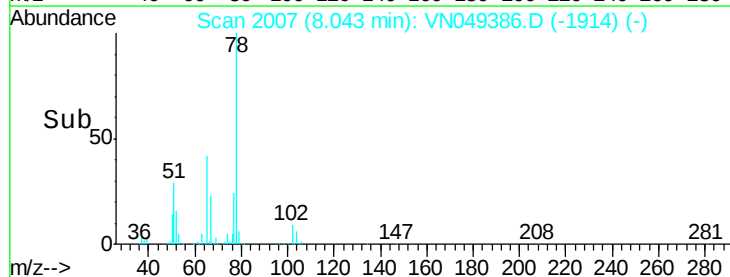
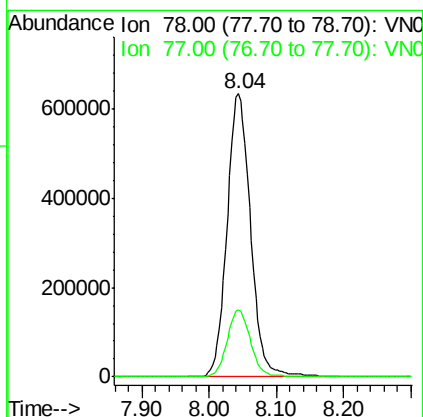
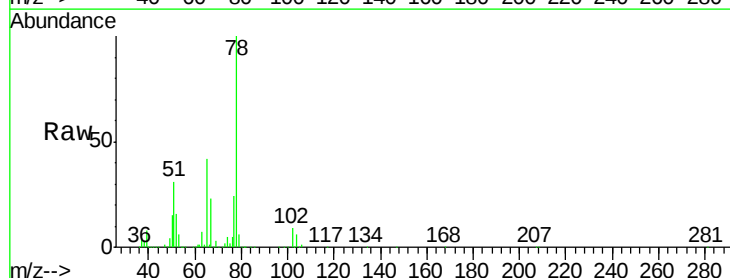
Instrument :
MSVOA_N
ClientSampleId :

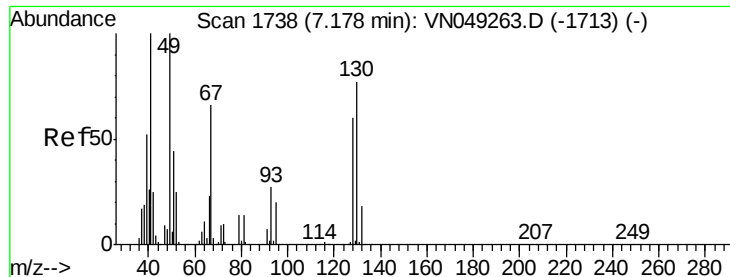
Tot Ion: 83 Resp: 522977
Ion Ratio Lower Upper
83 100
55 78.8 65.1 97.7
98 47.0 36.5 54.7



#40
Benzene
Concen: 18.80 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 78 Resp: 1542953
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

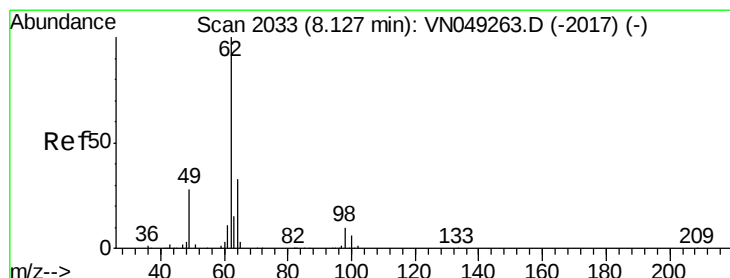
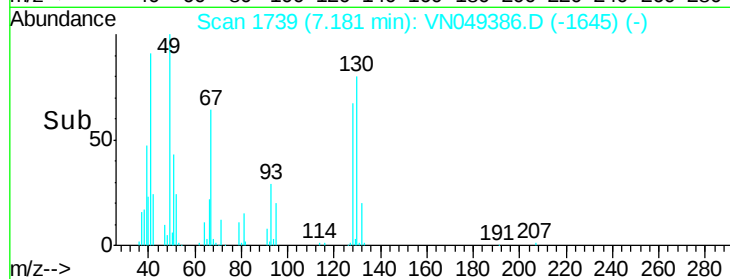
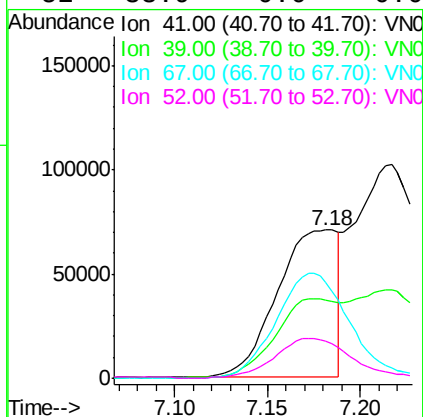
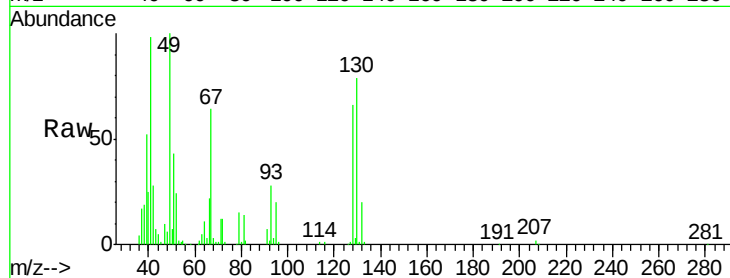




#41
Methacrylonitrile
Concen: 20.40 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

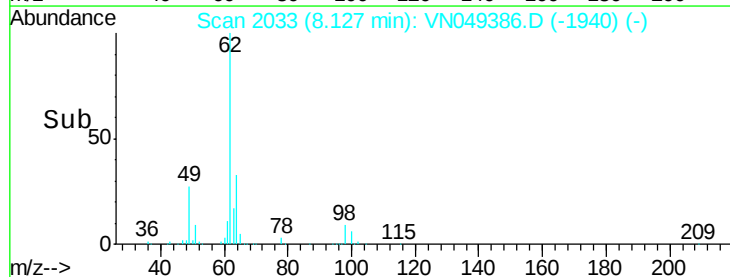
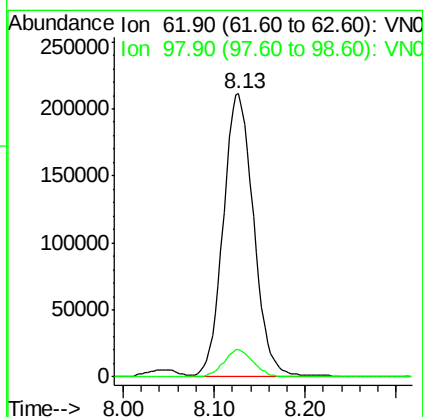
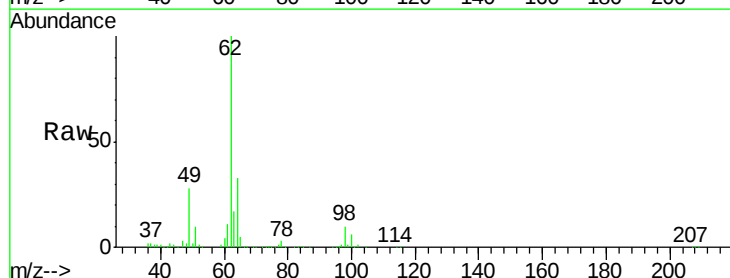
Instrument :
MSVOA_N
ClientSampled :

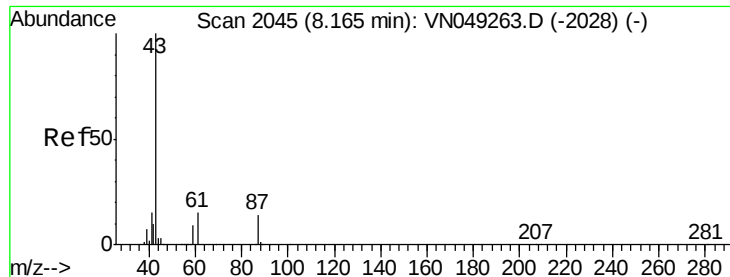
Tot Ion:	41	Resp:	160459
Ion	Ratio	Lower	Upper
41	100		
39	53.9	0.0	0.0#
67	88.1	0.0	0.0#
52	33.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.26 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion:	62	Resp:	488395
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.2





#43

Isopropyl Acetate

Concen: 21.03 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

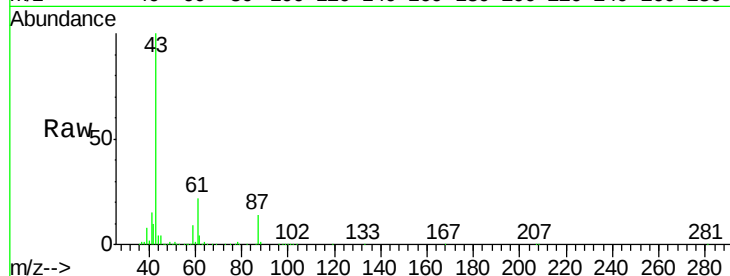
Tot Ion: 43 Resp: 584729

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.4

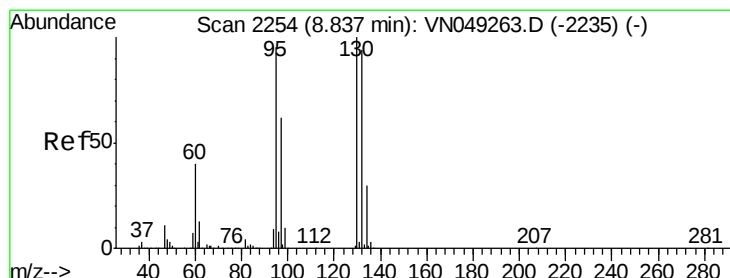
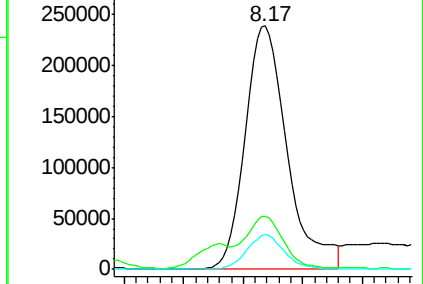
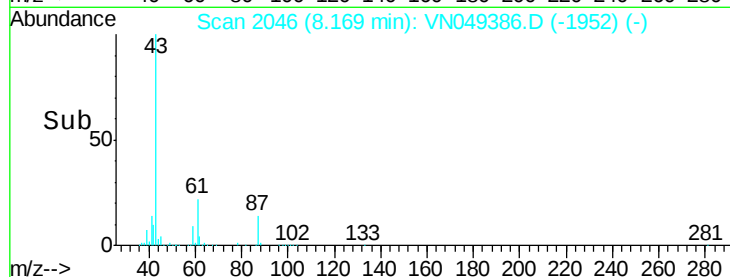
87 12.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049386.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049386.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049386.D (-1952) (-)



#44

Trichloroethene

Concen: 19.02 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049386.D

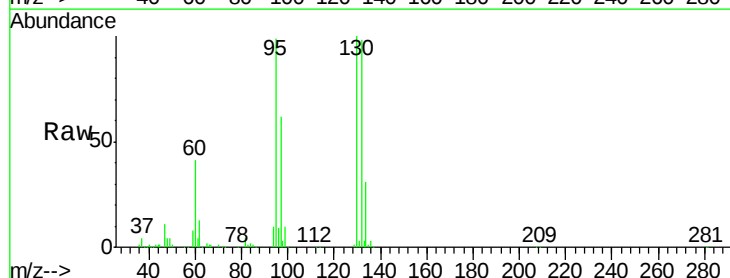
Acq: 19 Jun 2018 15:37

Tgt Ion: 130 Resp: 412278

Ion Ratio Lower Upper

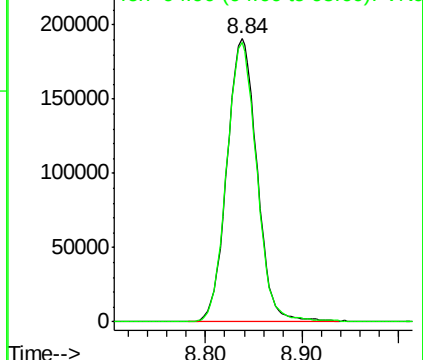
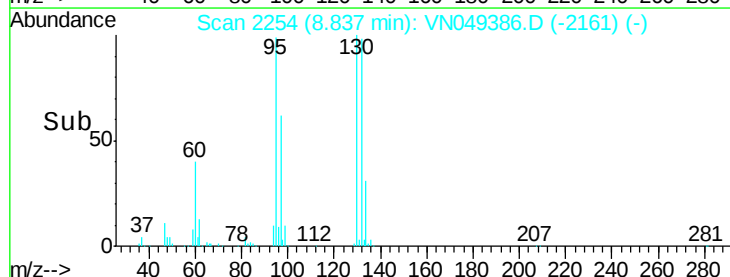
130 100

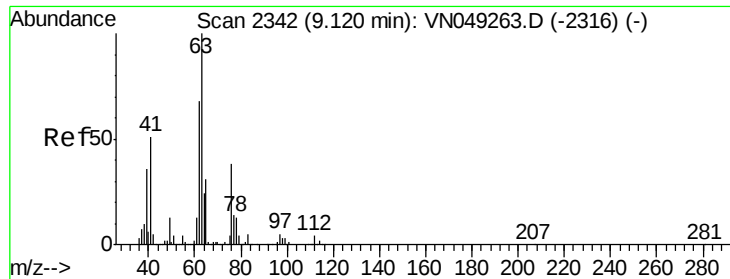
95 98.8 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049386.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049386.D (-2161) (-)

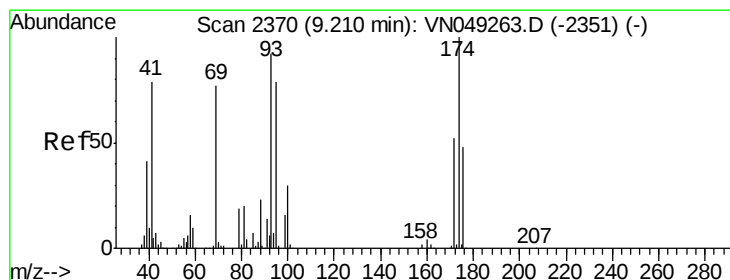
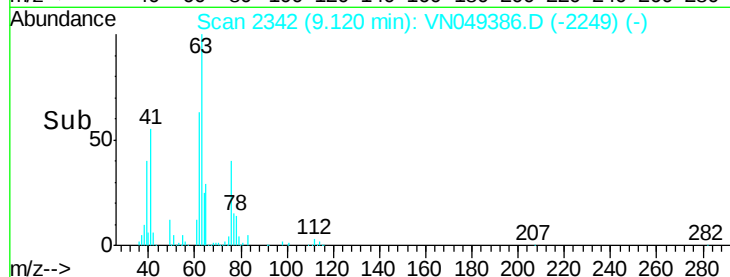
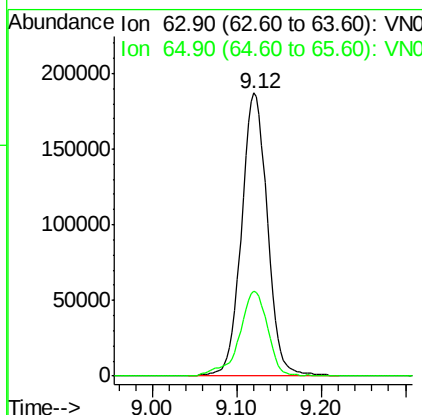
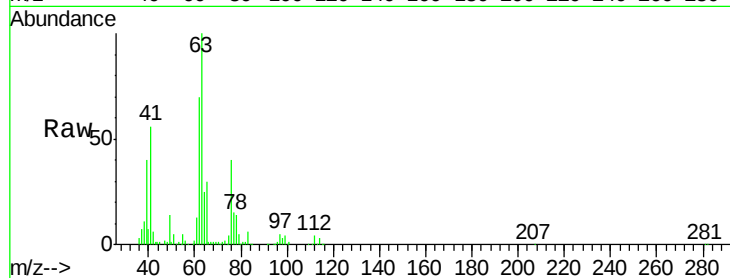




#45
 1,2-Dichloropropane
 Concen: 18.70 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

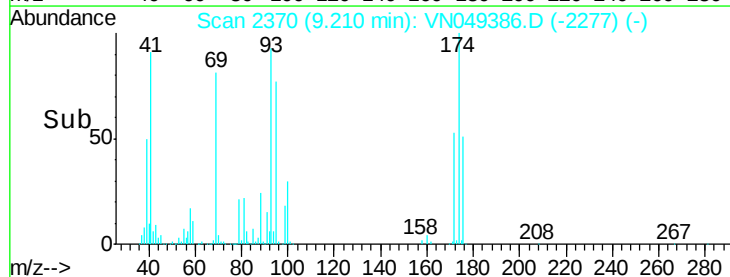
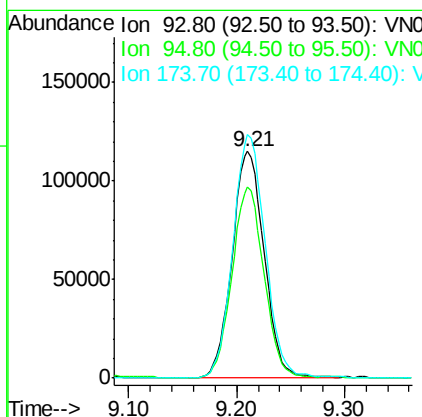
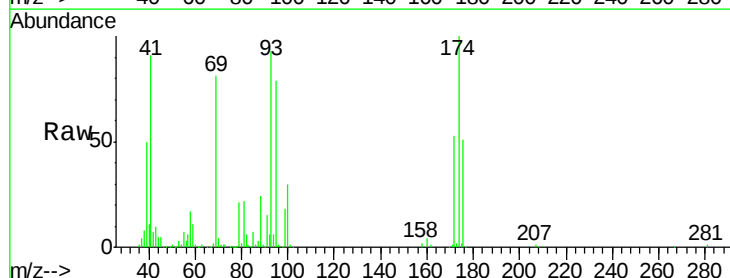
Instrument :
 MSVOA_N
 ClientSampled :

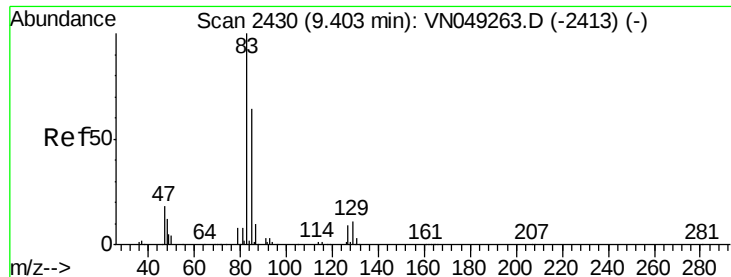
Tot Ion: 63 Resp: 401739
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.8 37.2



#46
 Dibromomethane
 Concen: 19.23 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion: 93 Resp: 239554
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.2 100.8
 174 107.5 75.6 113.4





#47

Bromodichloromethane

Concen: 18.67 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

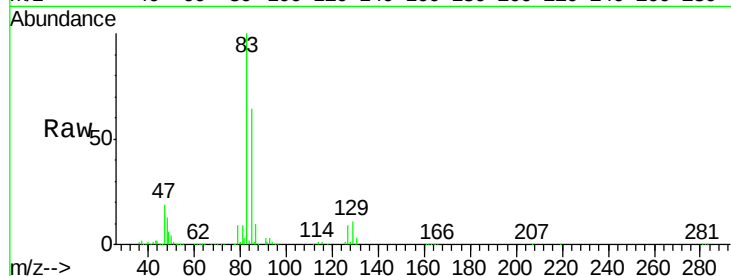
Tot Ion: 83 Resp: 511219

Ion Ratio Lower Upper

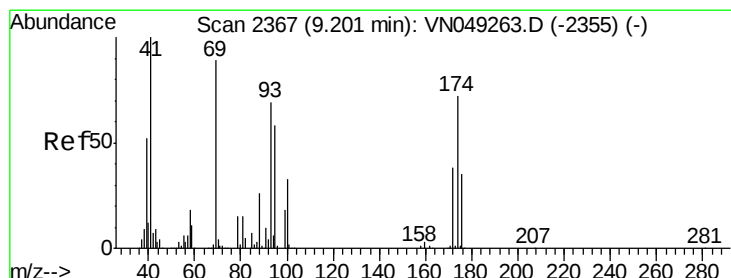
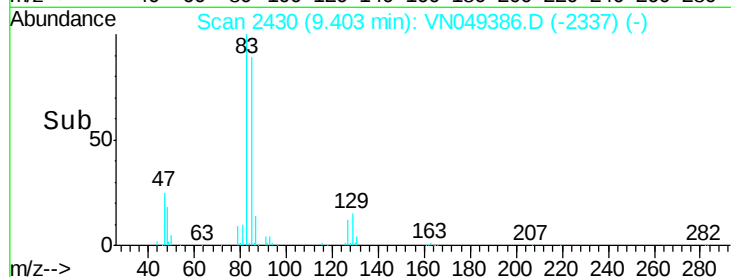
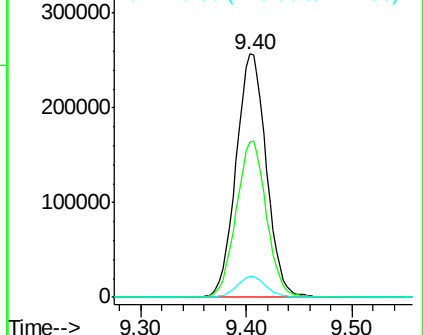
83 100

85 64.0 49.4 74.0

127 8.6 6.3 9.5



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



#48

Methyl methacrylate

Concen: 20.76 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

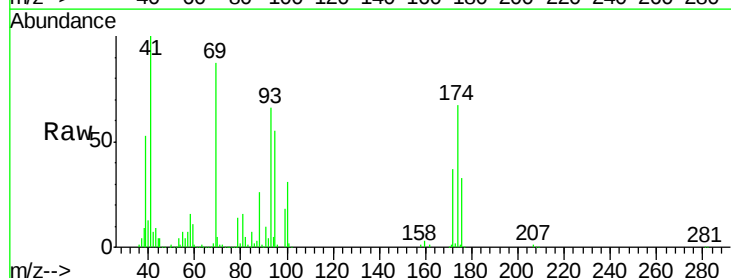
Tgt Ion: 41 Resp: 271846

Ion Ratio Lower Upper

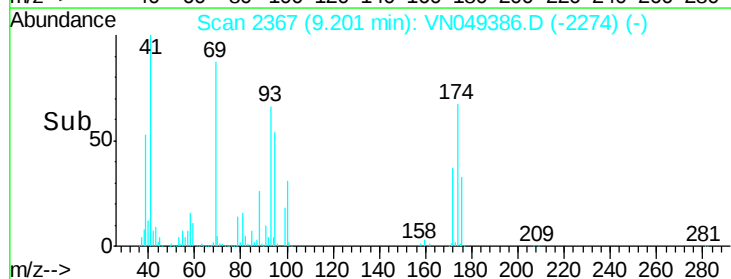
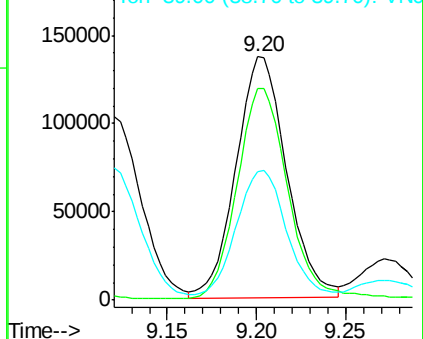
41 100

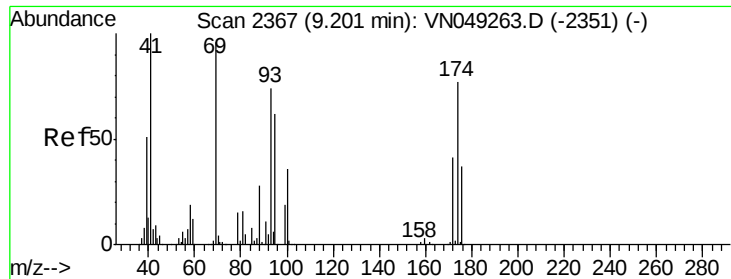
69 88.9 62.0 93.0

39 54.5 50.6 75.8



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

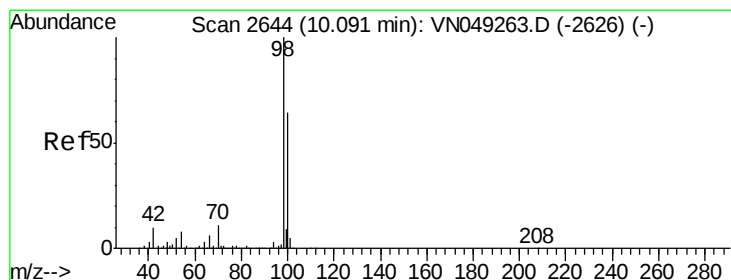
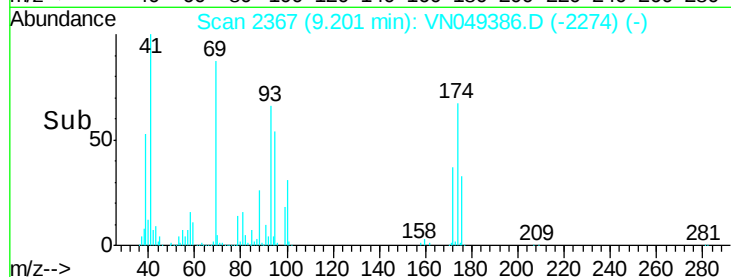
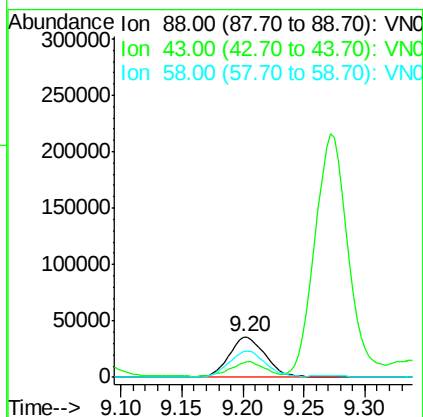
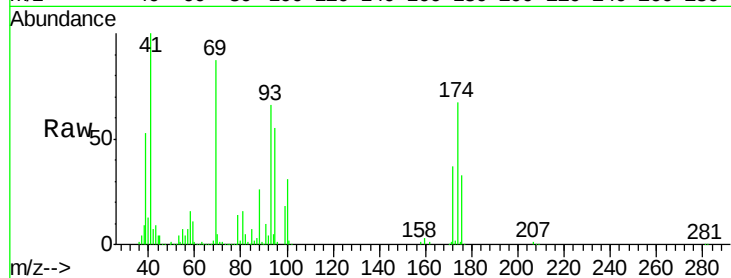




#49
1,4-Dioxane
Concen: 413.87 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

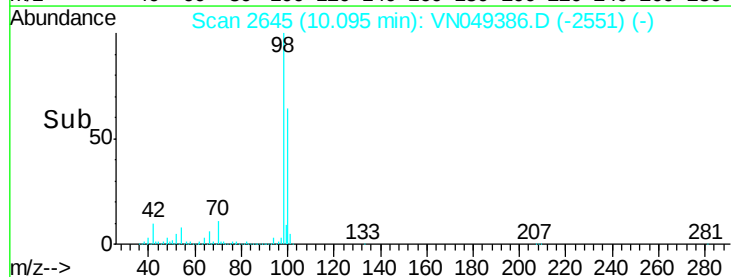
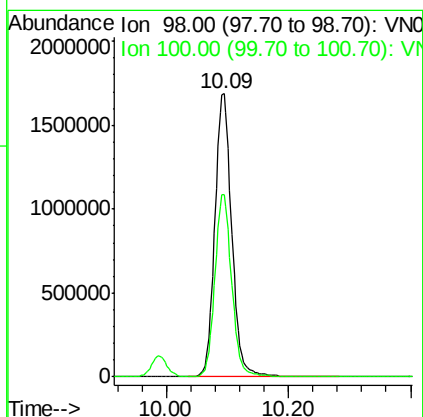
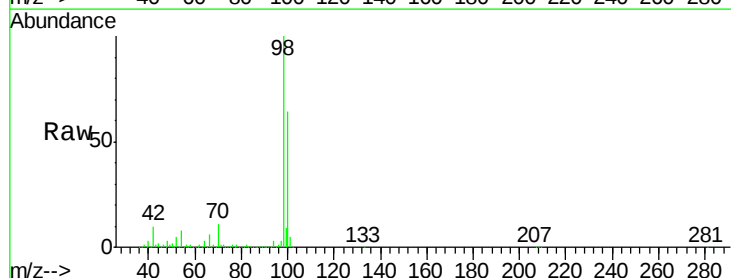
Instrument :
MSVOA_N
ClientSampled :

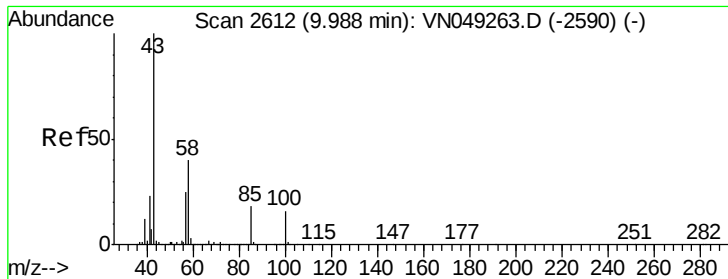
Tot Ion: 88 Resp: 74795
Ion Ratio Lower Upper
88 100
43 33.9 30.9 46.3
58 65.8 58.9 88.3



#50
Toluene-d8
Concen: 45.25 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 98 Resp: 3255815
Ion Ratio Lower Upper
98 100
100 64.1 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 104.65 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

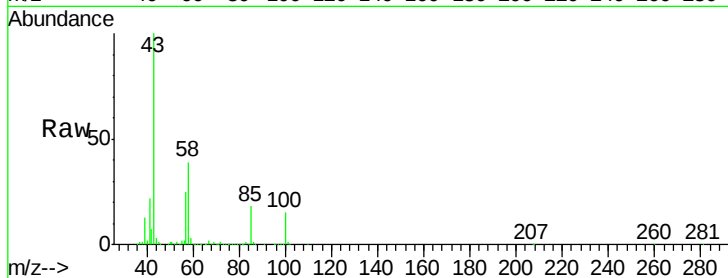
ClientSampled :

Tot Ion: 43 Resp: 1525067

Ion Ratio Lower Upper

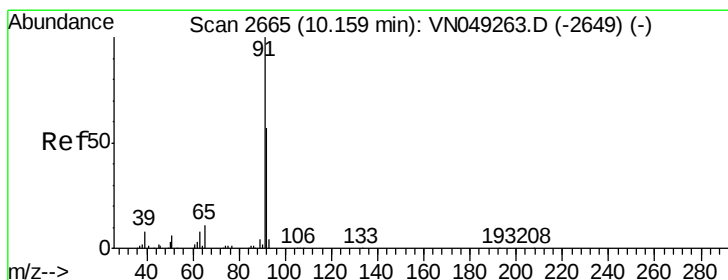
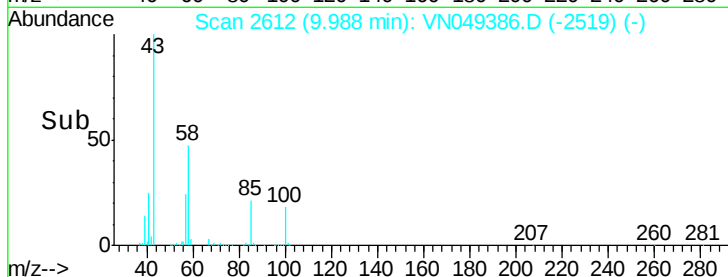
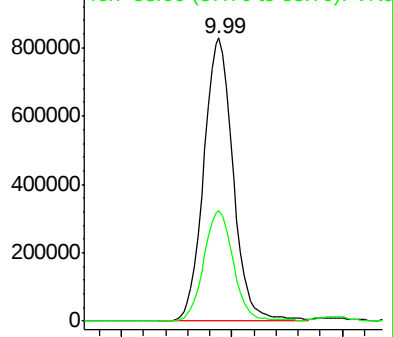
43 100

58 39.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.71 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049386.D

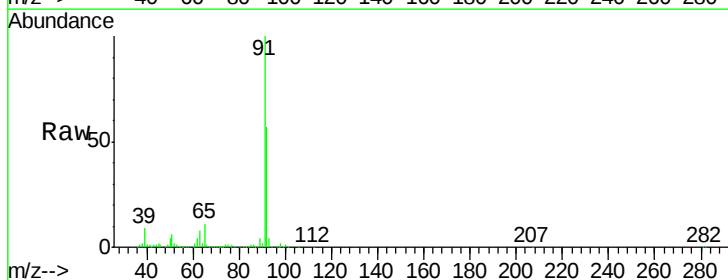
Acq: 19 Jun 2018 15:37

Tgt Ion: 92 Resp: 949497

Ion Ratio Lower Upper

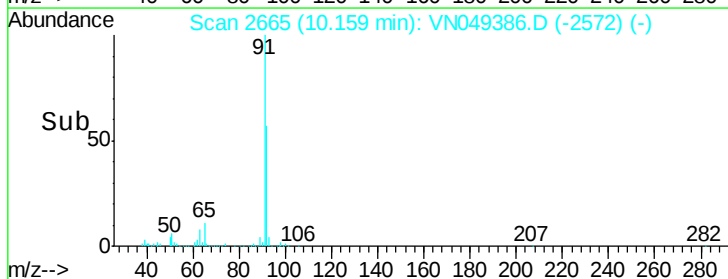
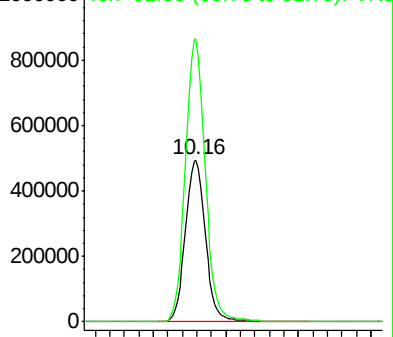
92 100

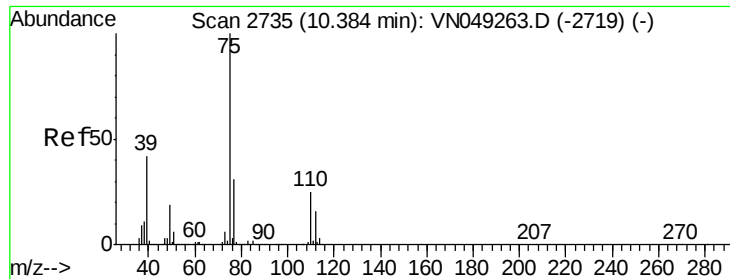
91 174.2 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.82 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

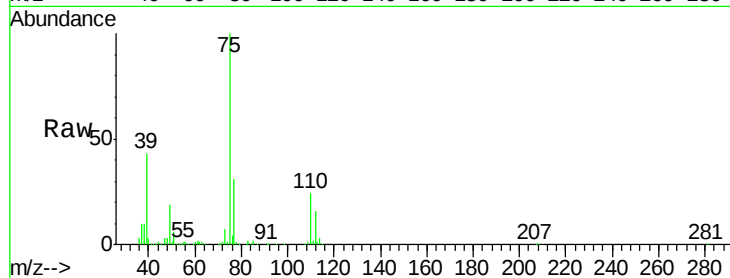
ClientSampled :

Tot Ion: 75 Resp: 493039

Ion Ratio Lower Upper

75 100

77 30.7 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

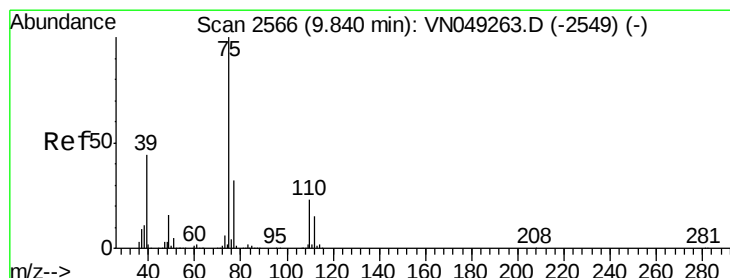
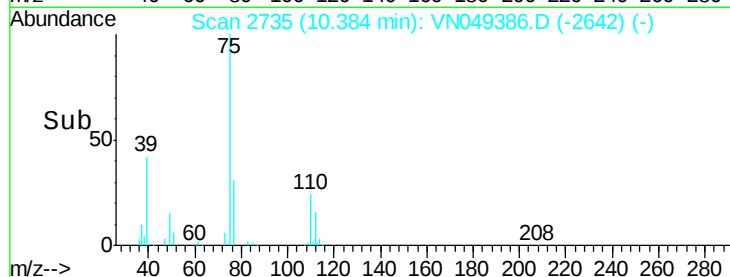
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.75 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

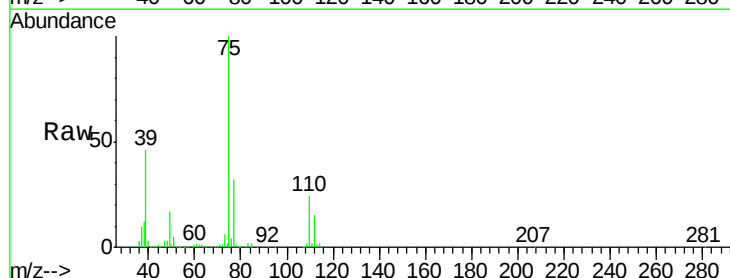
Tgt Ion: 75 Resp: 579814

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 45.7 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

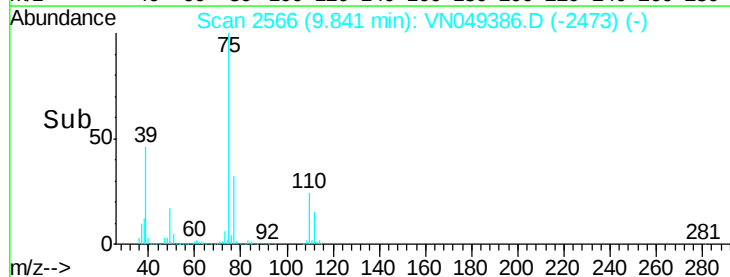
300000

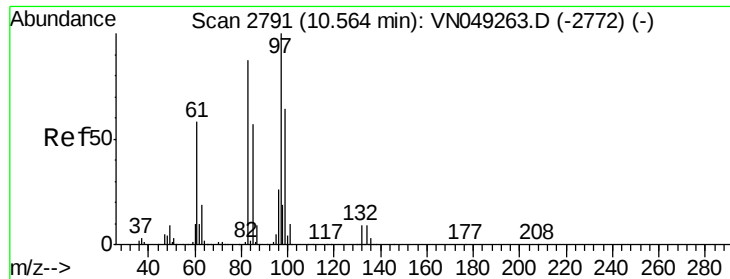
200000

100000

0

Time-->

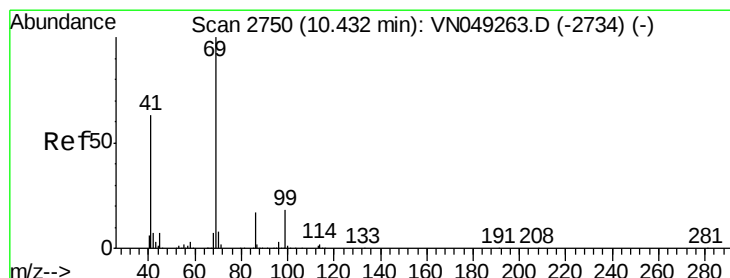
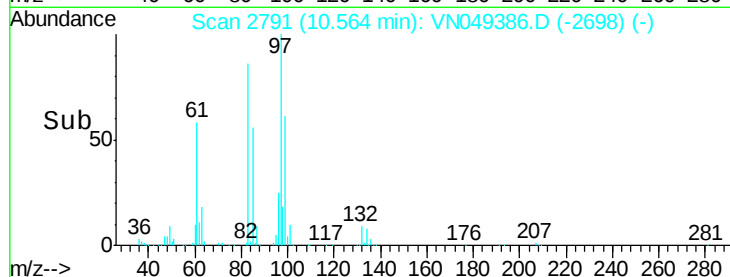
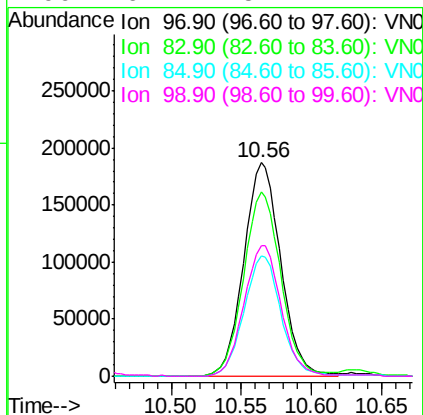
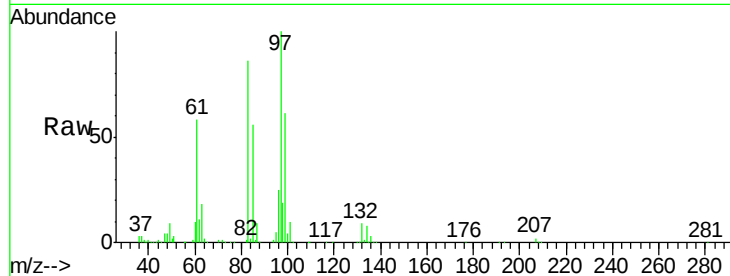




#55
 1,1,2-Trichloroethane
 Concen: 19.14 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

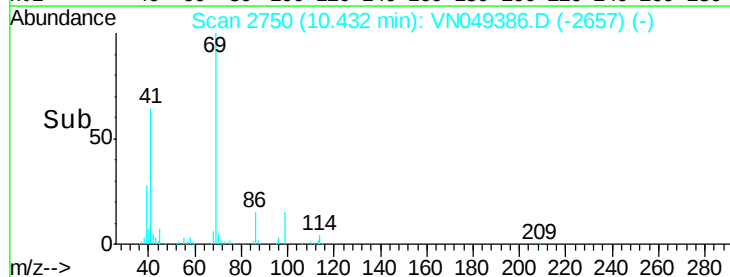
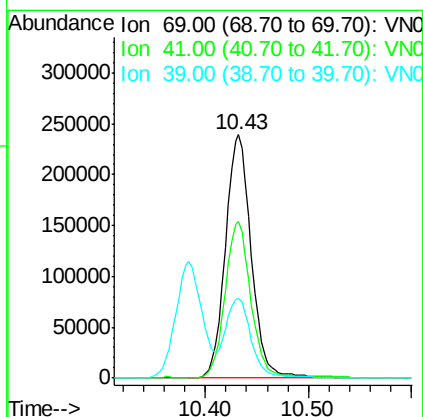
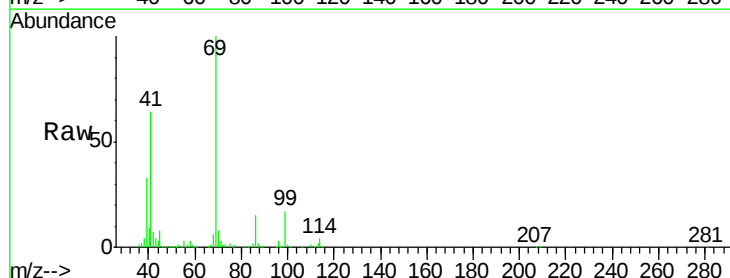
Instrument :
 MSVOA_N
 ClientSampled :

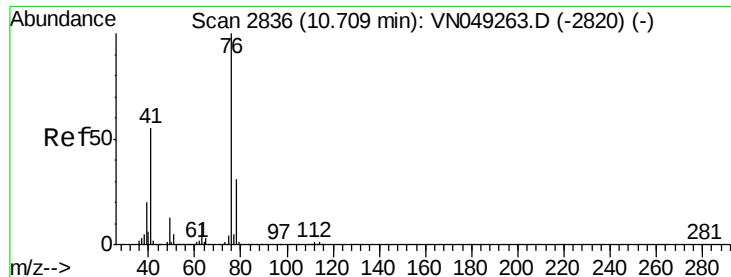
Tot Ion: 97 Resp: 343704
 Ion Ratio Lower Upper
 97 100
 83 86.0 71.5 107.3
 85 56.3 47.0 70.4
 99 61.1 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 20.12 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion: 69 Resp: 416870
 Ion Ratio Lower Upper
 69 100
 41 63.1 58.4 87.6
 39 32.8 35.5 53.3#





#57

1,3-Dichloropropane

Concen: 19.37 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

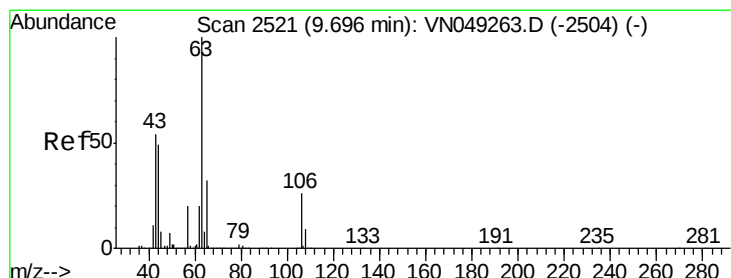
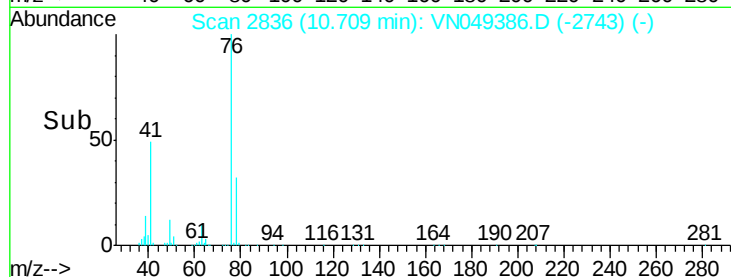
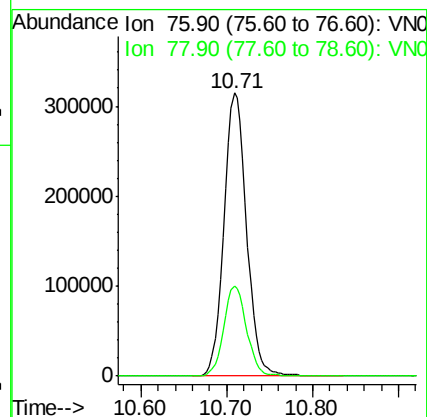
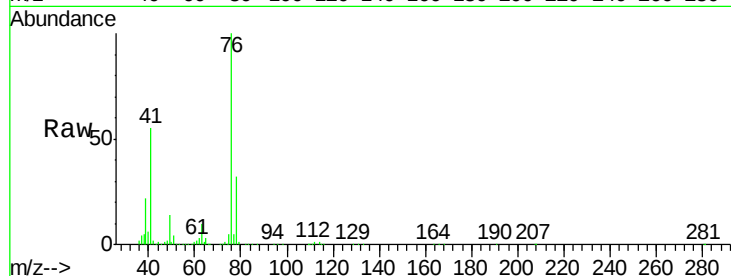
ClientSampleId :

Tot Ion: 76 Resp: 576342

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 79.20 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049386.D

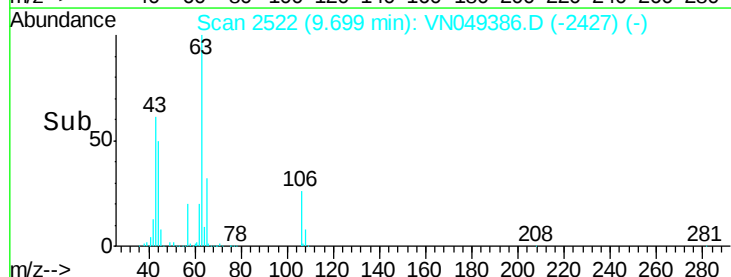
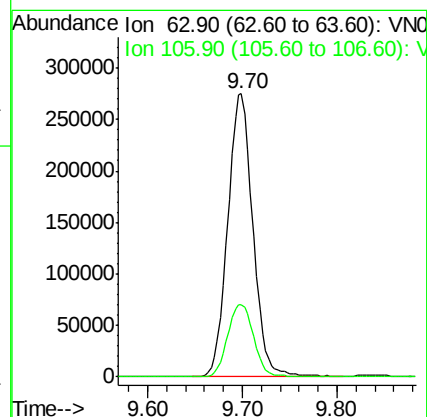
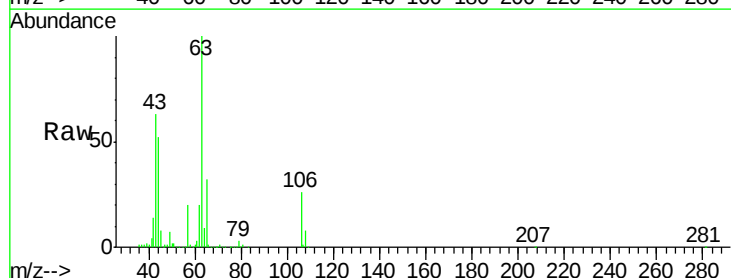
Acq: 19 Jun 2018 15:37

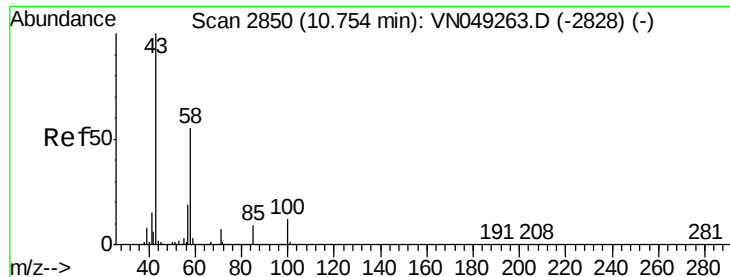
Tgt Ion: 63 Resp: 509642

Ion Ratio Lower Upper

63 100

106 26.6 19.4 29.2

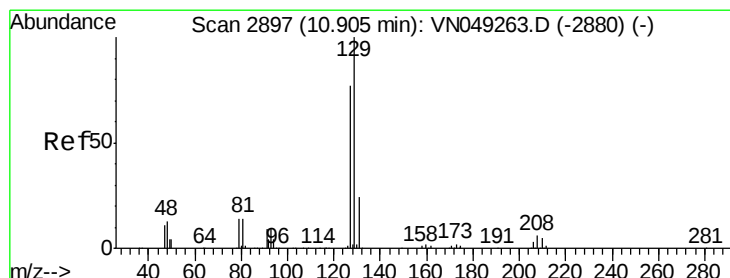
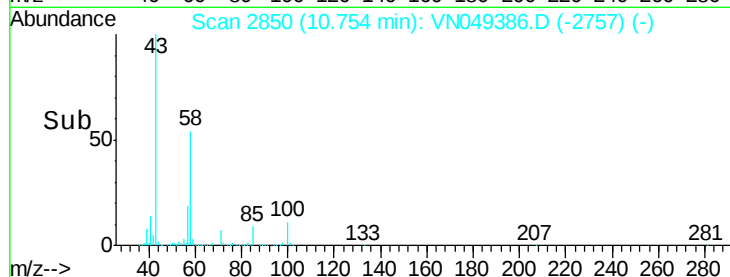
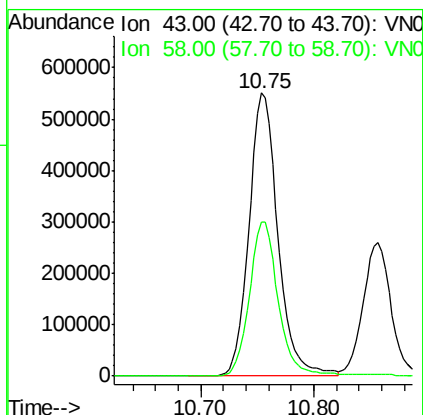
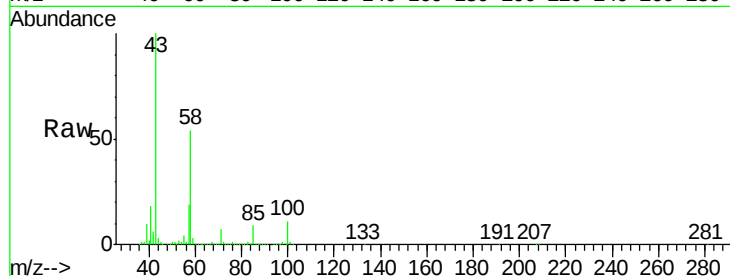




#59
2-Hexanone
Concen: 103.98 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

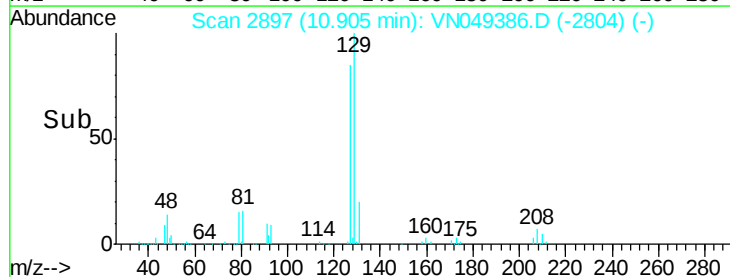
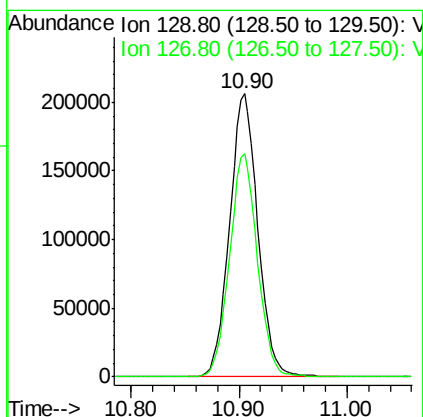
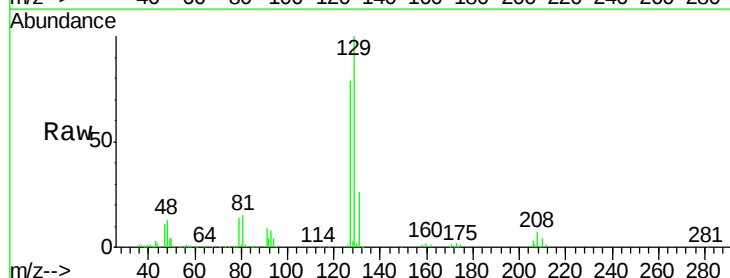
Instrument :
MSVOA_N
ClientSampled :

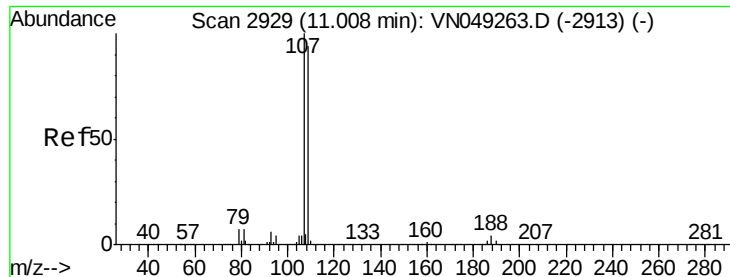
Tot Ion: 43 Resp: 976960
Ion Ratio Lower Upper
43 100
58 54.3 25.2 75.6



#60
Dibromochloromethane
Concen: 18.71 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 129 Resp: 375056
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.70 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

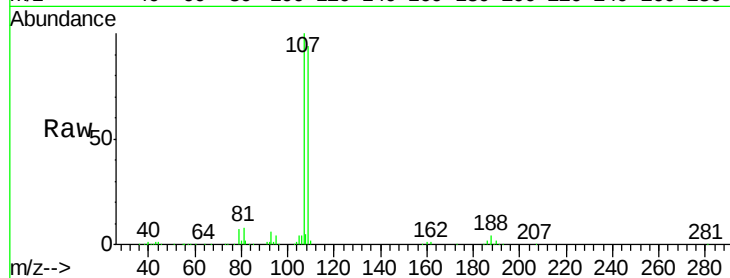
ClientSampleId :

Tot Ion: 107 Resp: 328823

Ion Ratio Lower Upper

107 100

109 93.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

200000

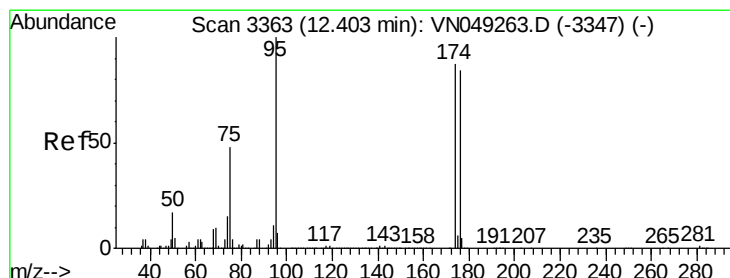
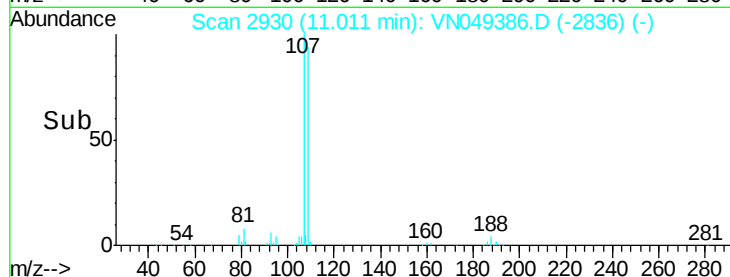
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 44.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

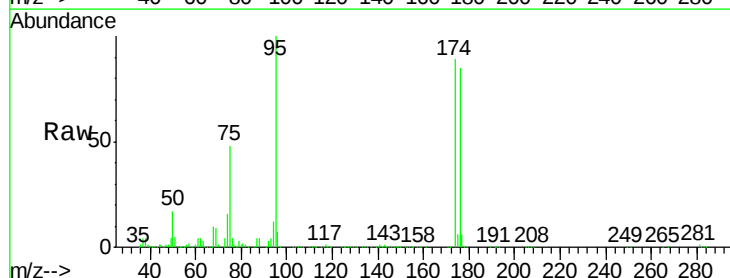
Tgt Ion: 95 Resp: 1068567

Ion Ratio Lower Upper

95 100

174 88.6 0.0 165.6

176 85.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

800000

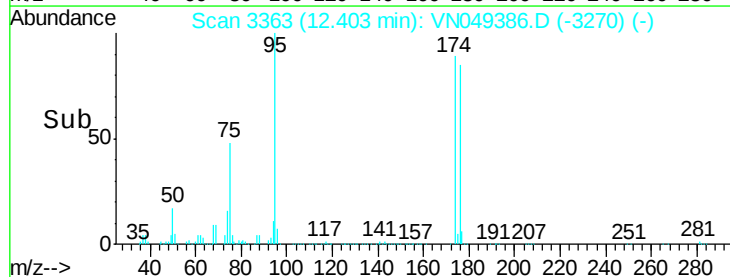
600000

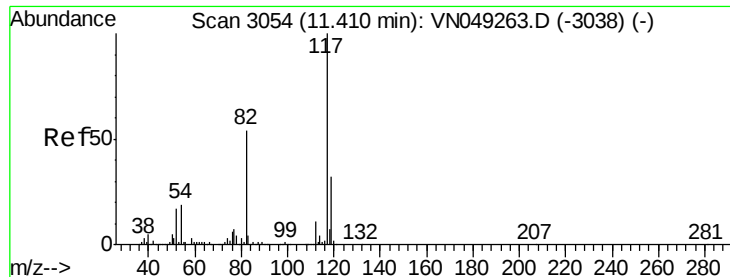
400000

200000

0

Time--> 12.40 12.50

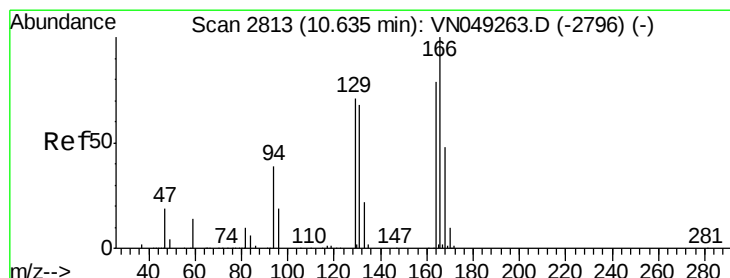
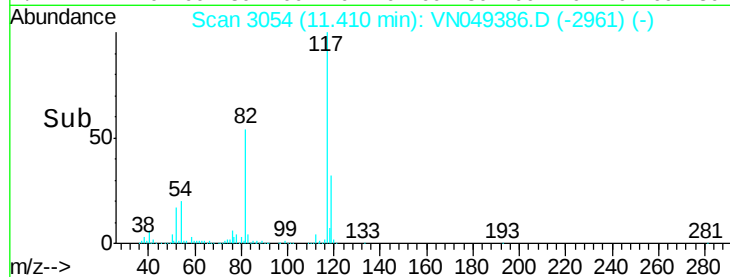
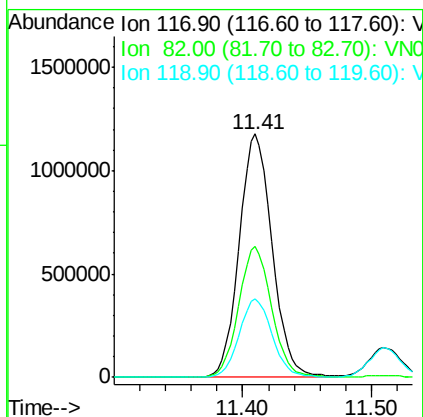
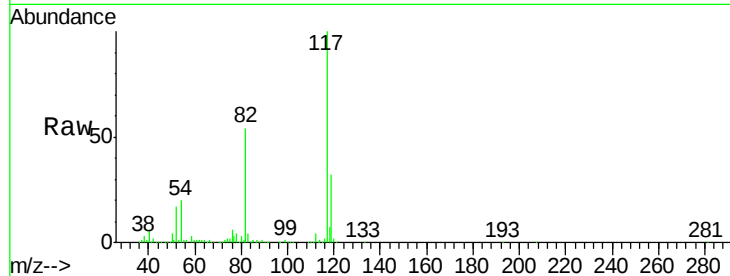




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

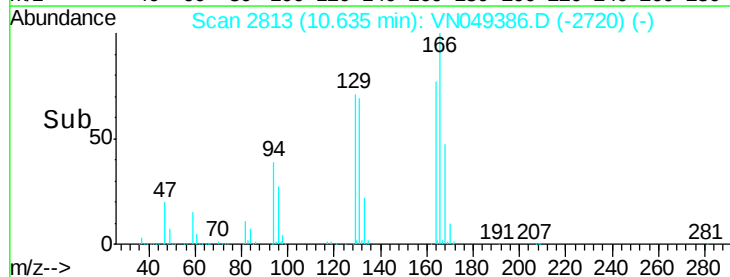
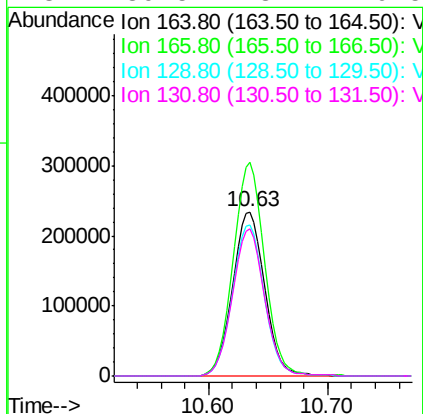
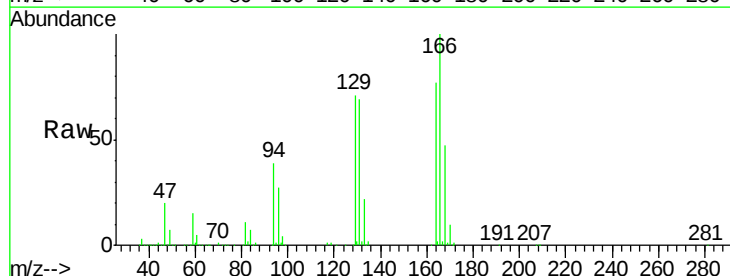
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 2095837
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.38 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion:164 Resp: 437617
Ion Ratio Lower Upper
164 100
166 130.4 101.4 152.2
129 92.2 74.1 111.1
131 89.5 73.7 110.5





#65

Chlorobenzene

Concen: 18.62 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

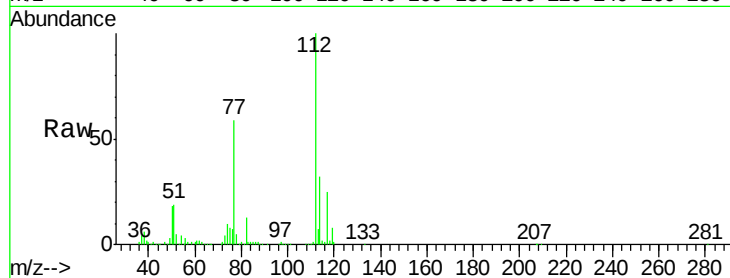
ClientSampleId :

Tot Ion:112 Resp: 1005541

Ion Ratio Lower Upper

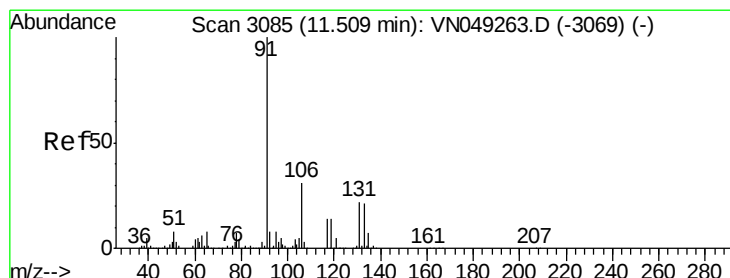
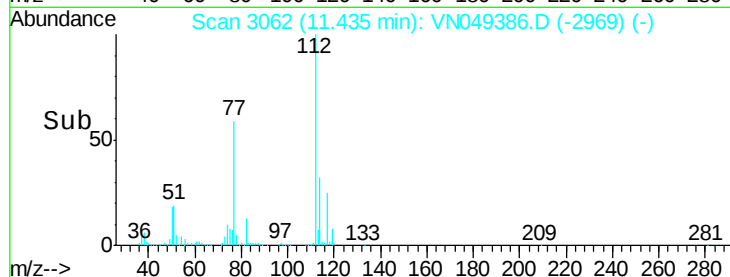
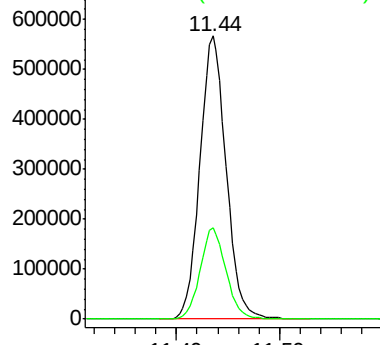
112 100

114 32.4 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: 18.55 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

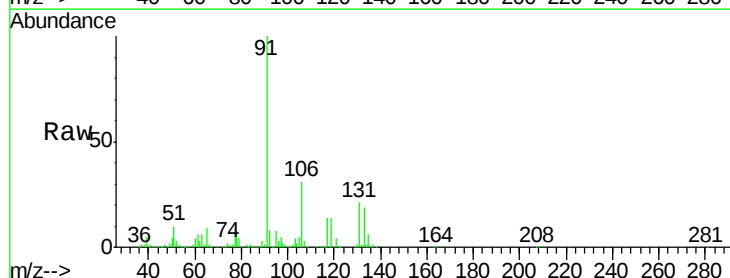
Tgt Ion:131 Resp: 376944

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

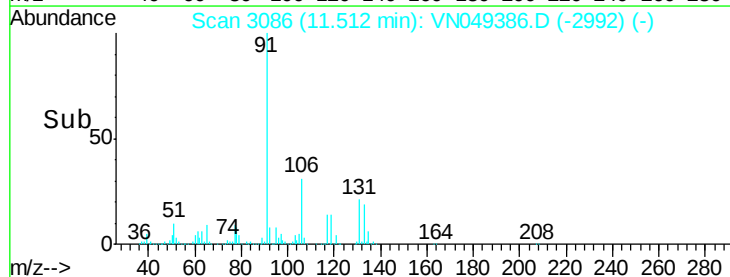
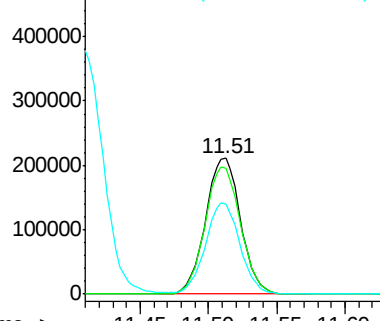
119 66.1 33.6 100.8

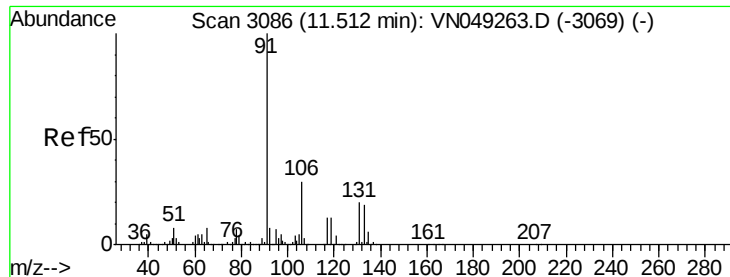


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

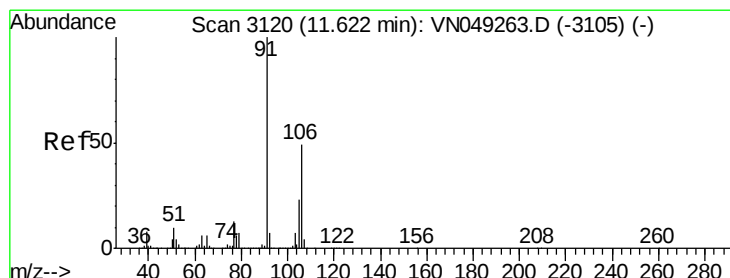
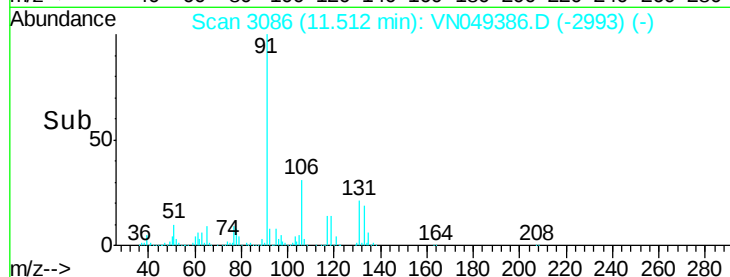
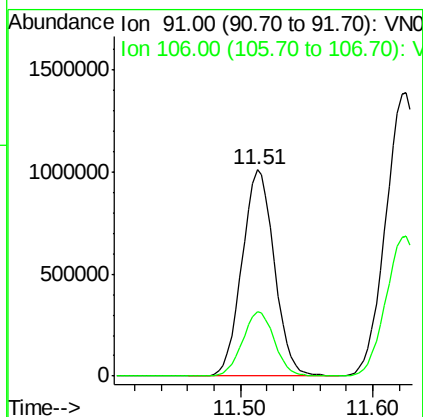
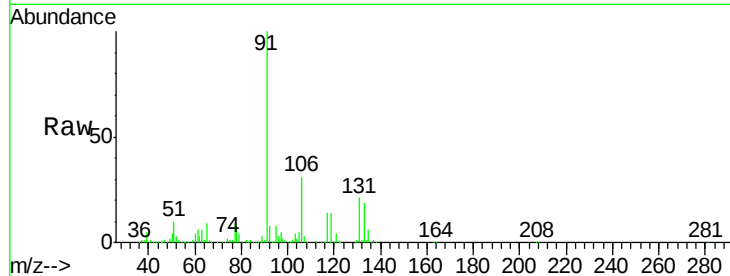




#67
Ethyl Benzene
Concen: 19.11 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

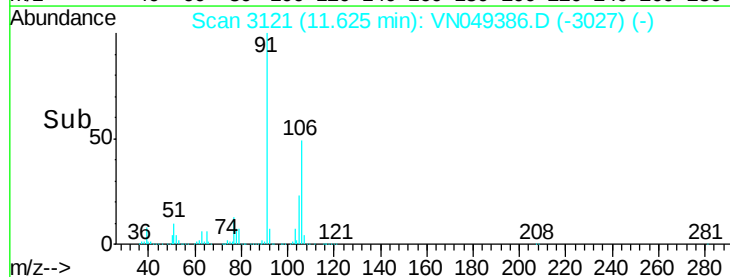
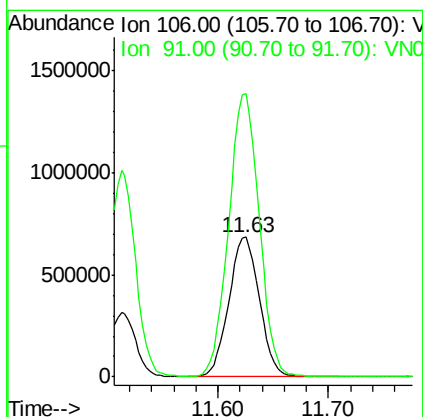
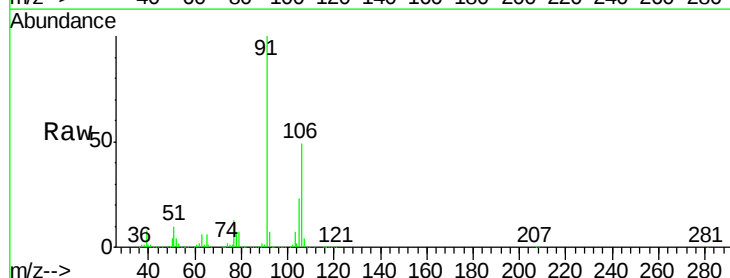
Instrument :
MSVOA_N
ClientSampled :

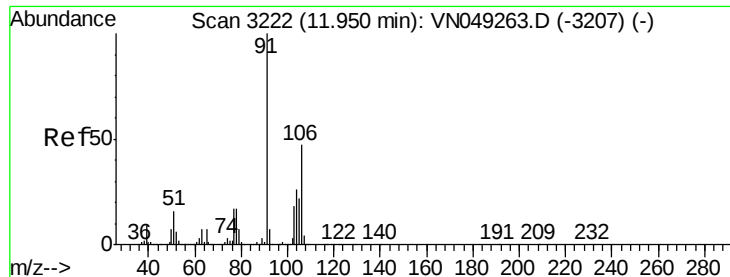
Tot Ion: 91 Resp: 1711222
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



#68
m/p-Xylenes
Concen: 39.15 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion: 106 Resp: 1315611
Ion Ratio Lower Upper
106 100
91 202.9 167.3 250.9

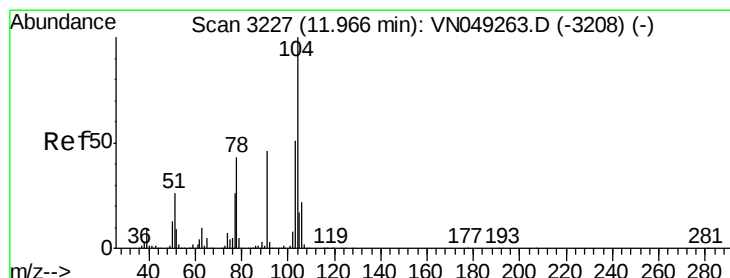
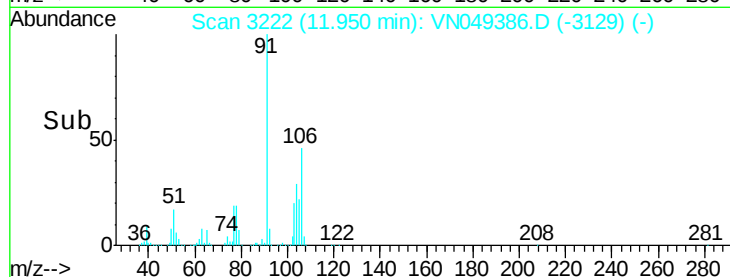
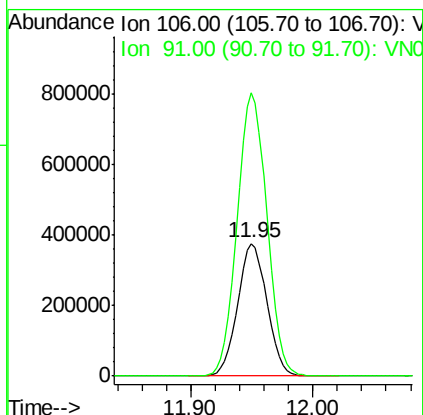
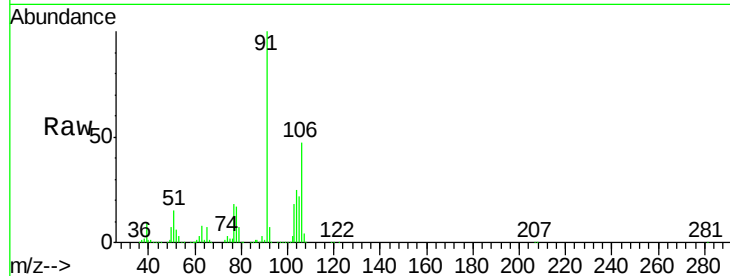




#69
o-Xylene
Concen: 19.26 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

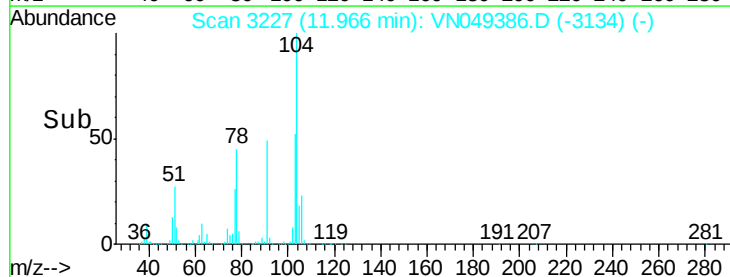
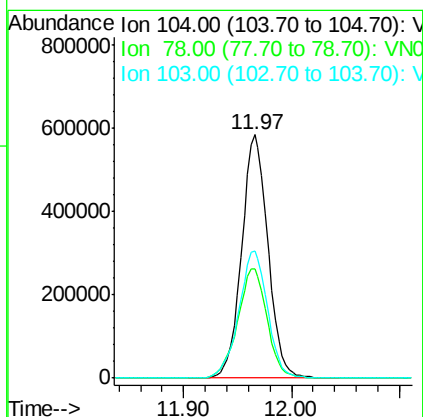
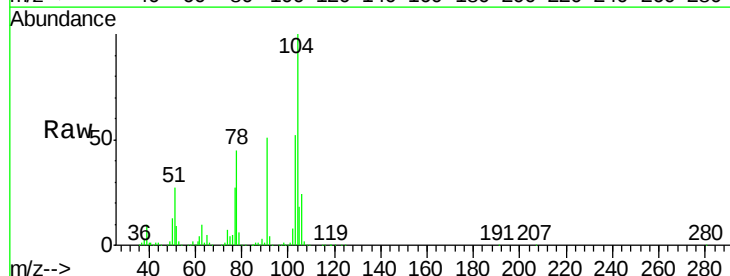
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 623497
Ion Ratio Lower Upper
106 100
91 217.1 111.0 333.0



#70
Styrene
Concen: 19.45 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion:104 Resp: 993399
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 57.0 45.4 68.2

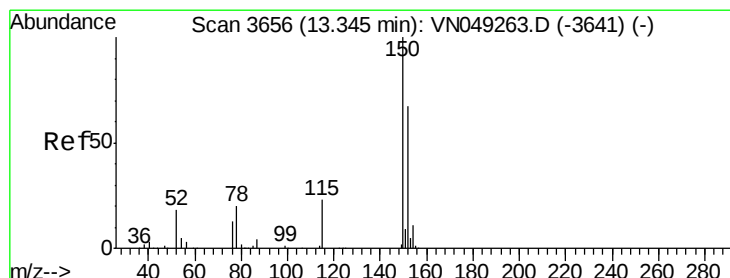
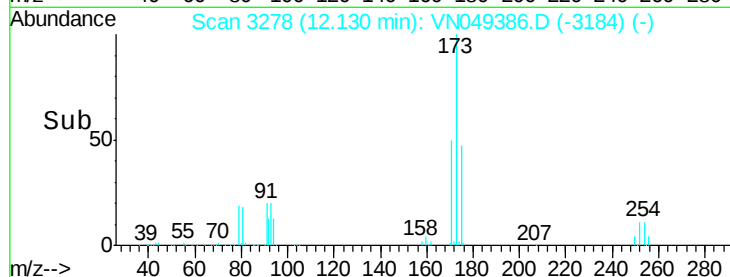
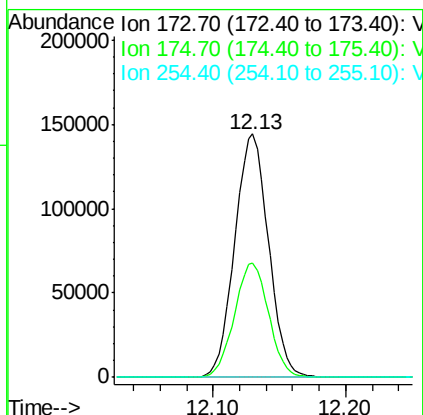
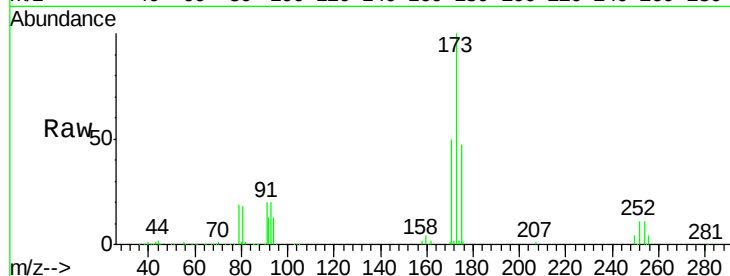




#71
Bromoform
Concen: 19.43 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

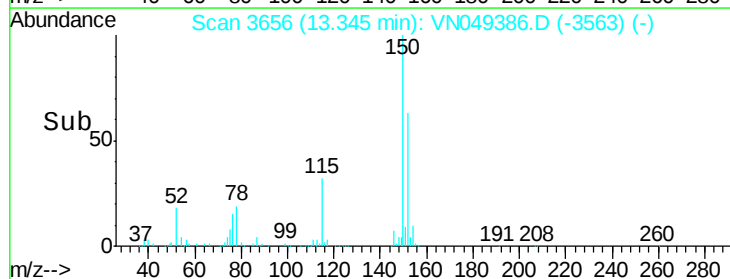
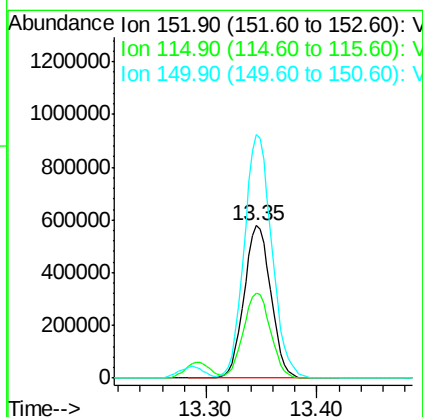
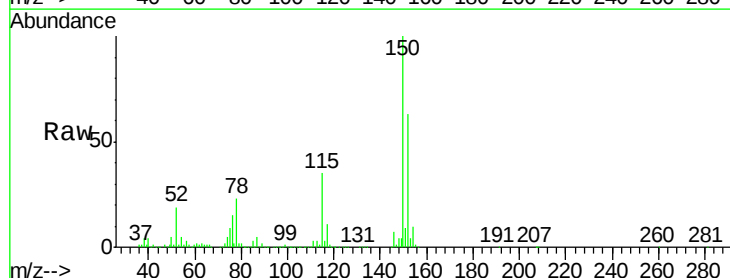
Instrument :
MSVOA_N
ClientSampled :

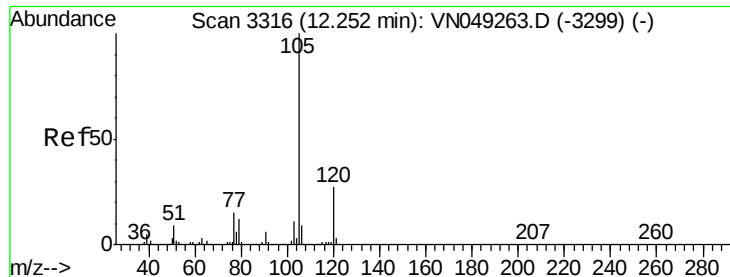
Tot Ion:173 Resp: 255490
Ion Ratio Lower Upper
173 100
175 47.6 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion:152 Resp: 969927
Ion Ratio Lower Upper
152 100
115 56.7 28.7 86.1
150 164.6 0.0 351.0





#73

Isopropylbenzene

Concen: 19.73 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

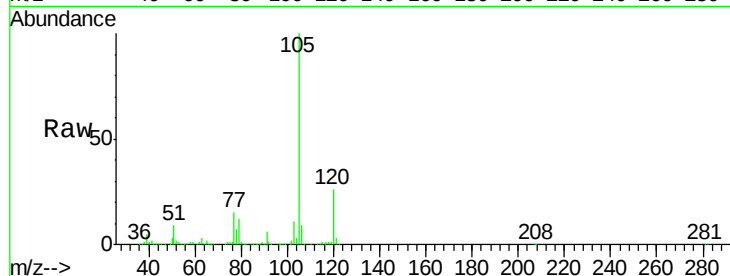
ClientSampled :

Tot Ion:105 Resp: 1680590

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

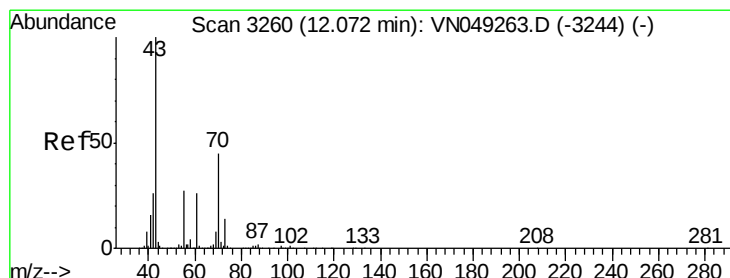
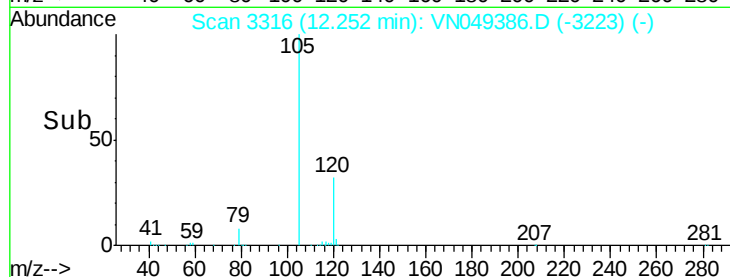
0

12.25

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.57 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Tgt Ion: 43 Resp: 408264

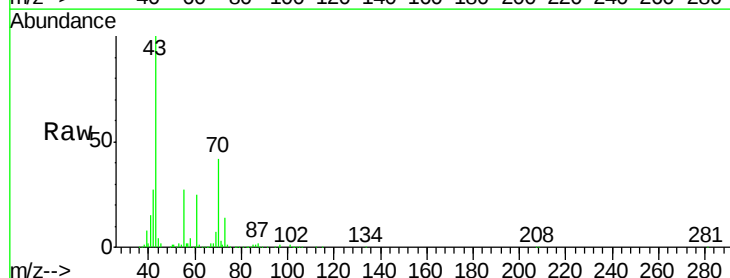
Ion Ratio Lower Upper

43 100

70 42.9 30.3 45.5

55 27.8 19.4 29.2

61 24.8 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

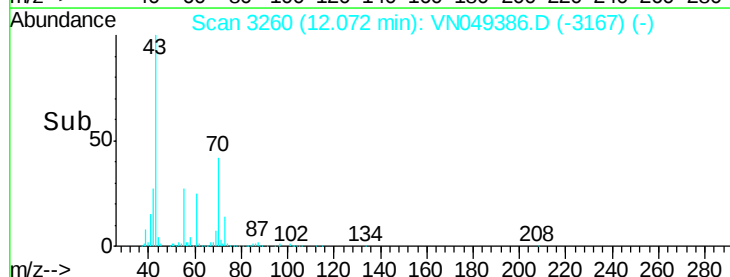
0

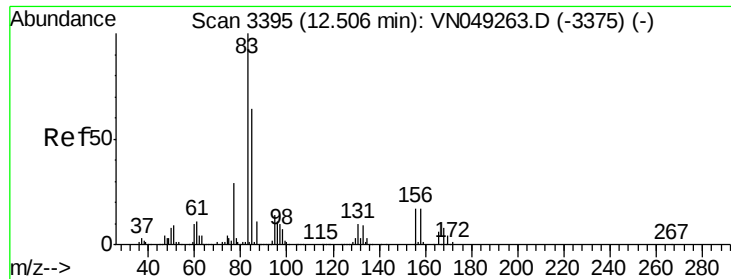
12.07

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.06 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

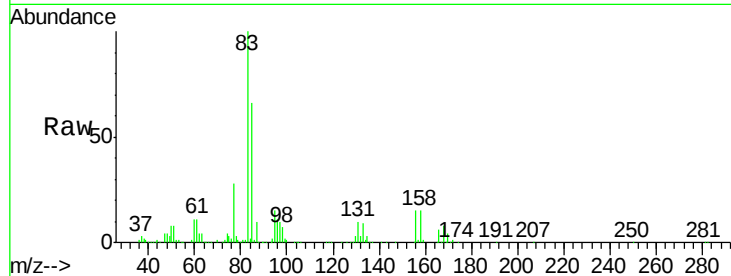
Tot Ion: 83 Resp: 391616

Ion Ratio Lower Upper

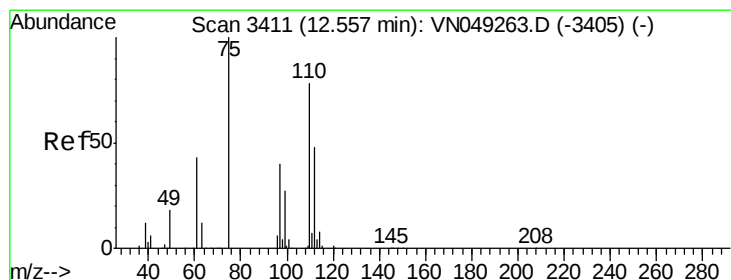
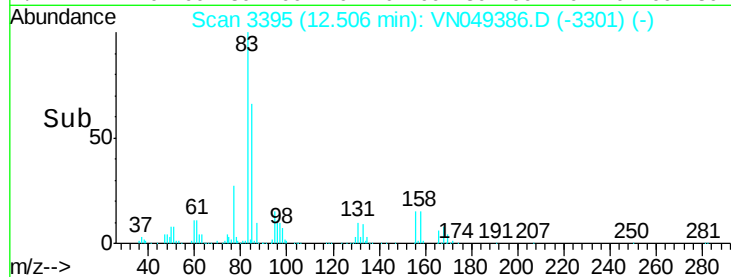
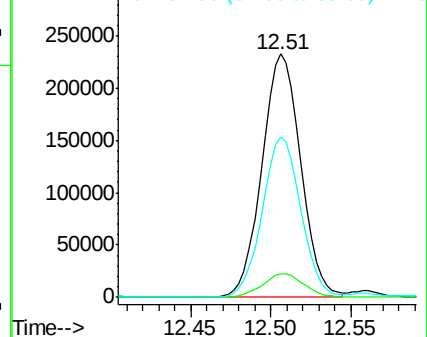
83 100

131 10.5 5.0 15.0

85 65.4 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: 29.75 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049386.D

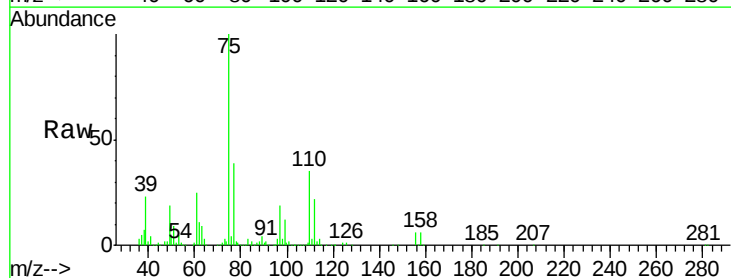
Acq: 19 Jun 2018 15:37

Tgt Ion: 75 Resp: 492365

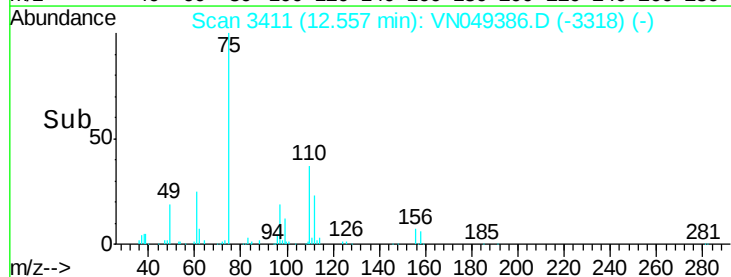
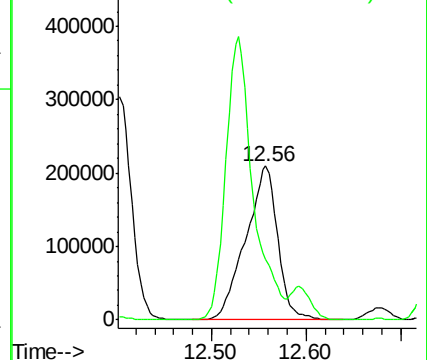
Ion Ratio Lower Upper

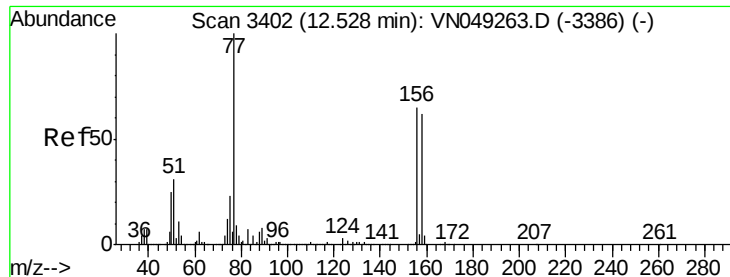
75 100

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: 18.83 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampled :

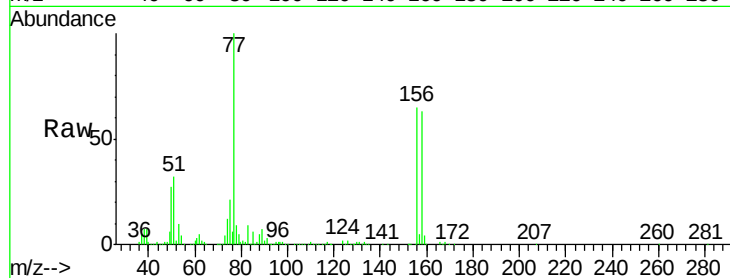
Tot Ion:156 Resp: 423554

Ion Ratio Lower Upper

156 100

77 182.0 100.8 302.4

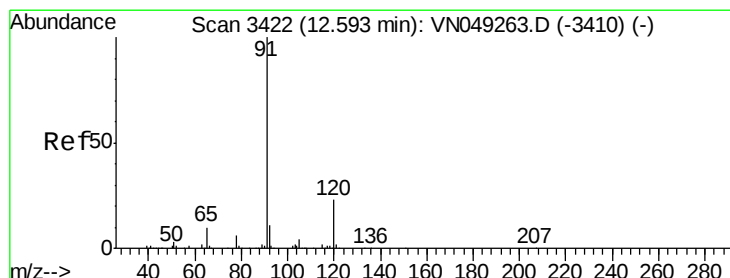
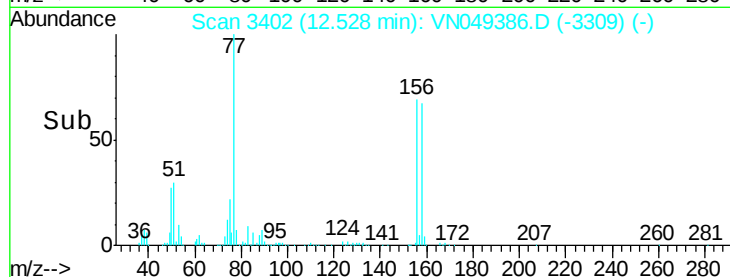
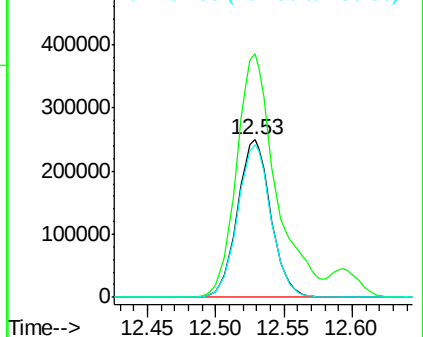
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.69 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049386.D

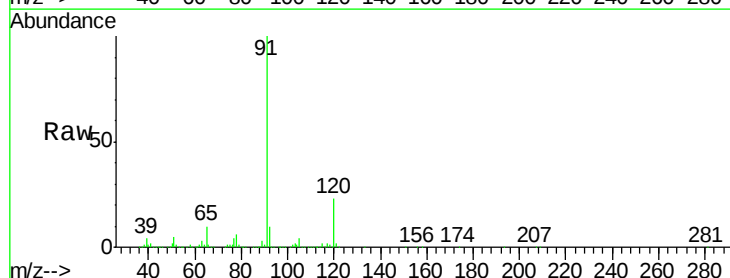
Acq: 19 Jun 2018 15:37

Tgt Ion: 91 Resp: 1841555

Ion Ratio Lower Upper

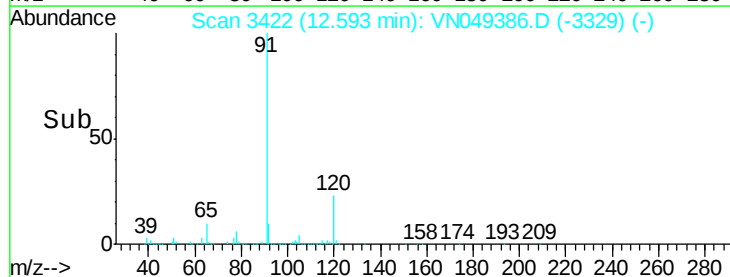
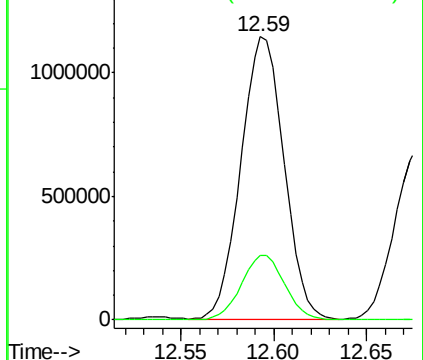
91 100

120 22.9 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: 19.17 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

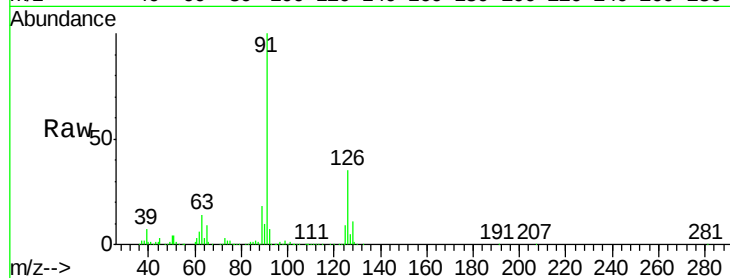
ClientSampleId :

Tot Ion: 91 Resp: 1135879

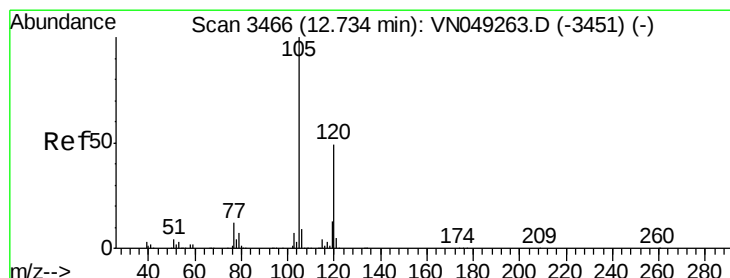
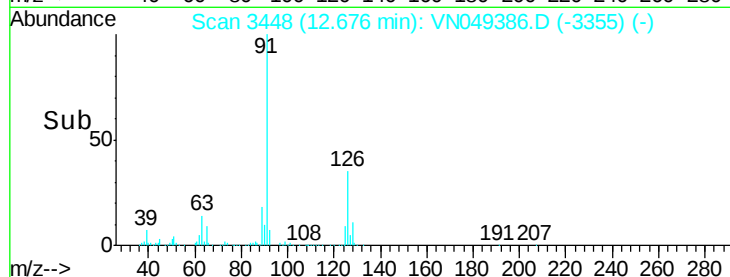
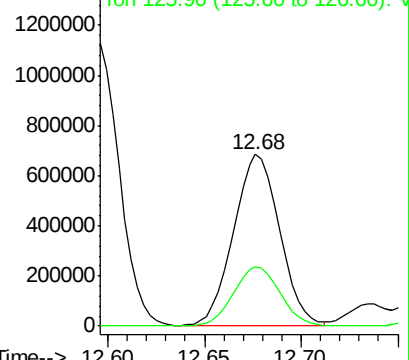
Ion Ratio Lower Upper

91 100

126 34.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049386.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.00 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049386.D

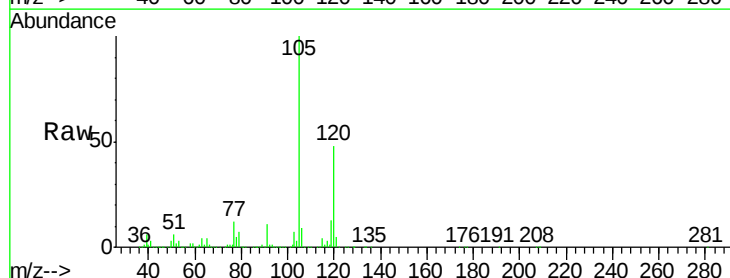
Acq: 19 Jun 2018 15:37

Tgt Ion: 105 Resp: 1338657

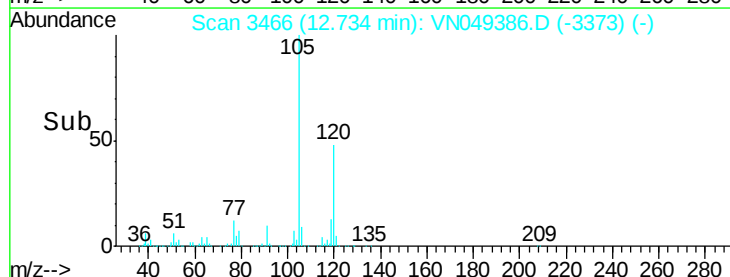
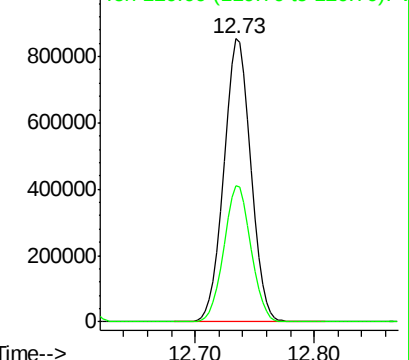
Ion Ratio Lower Upper

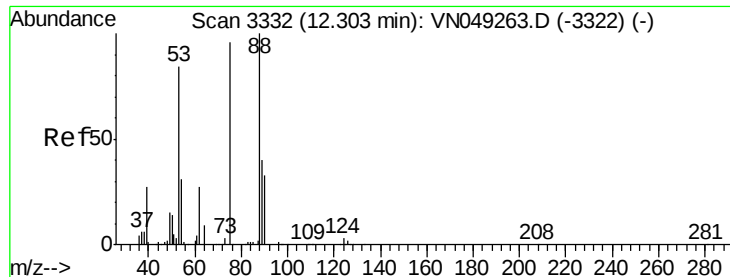
105 100

120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049386.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.77 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

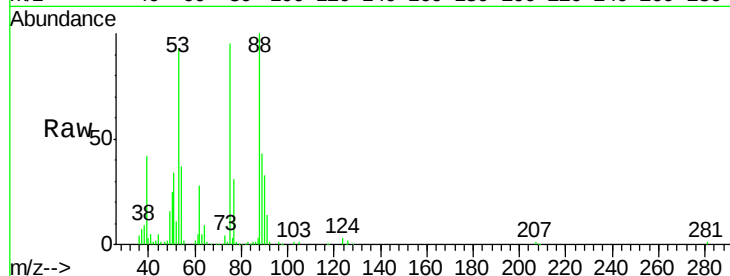
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 98285

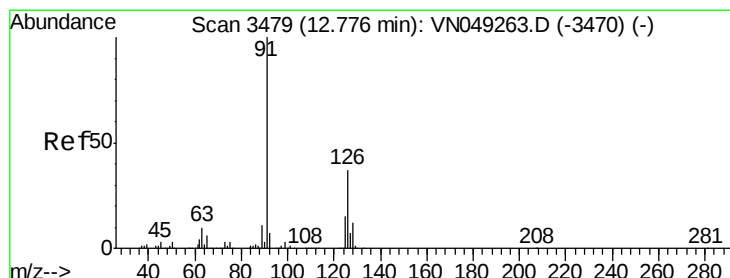
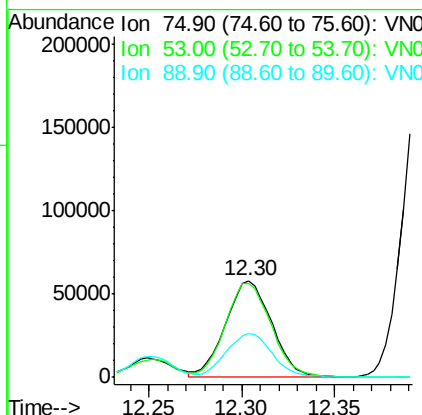
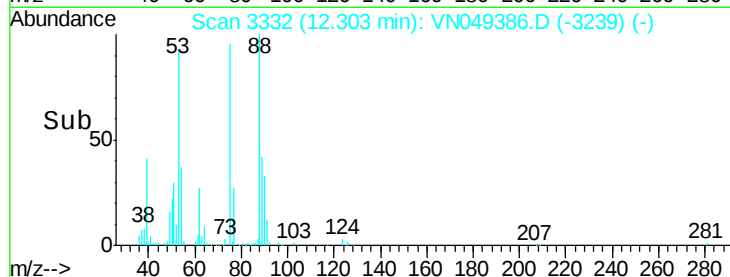
Ion	Ratio	Lower	Upper
75	100		
53	100.0	82.7	124.1
89	46.6	36.5	54.7



Abundance Ion 74.90 (74.60 to 75.60): VN049386.D (-3332) (-)

Ion 53.00 (52.70 to 53.70): VN049386.D (-3332) (-)

Ion 88.90 (88.60 to 89.60): VN049386.D (-3332) (-)



#82

4-Chlorotoluene

Concen: 19.40 ug/l

RT: 12.78 min Scan# 3479

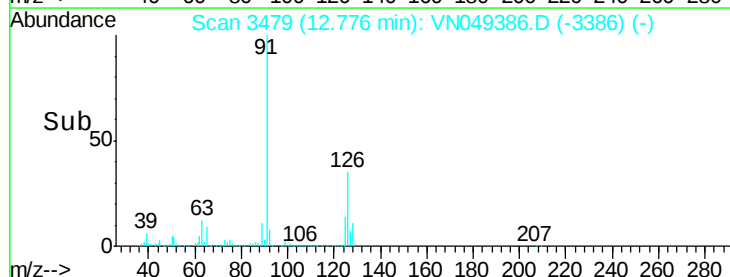
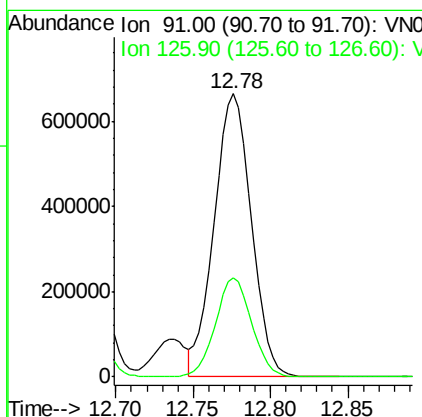
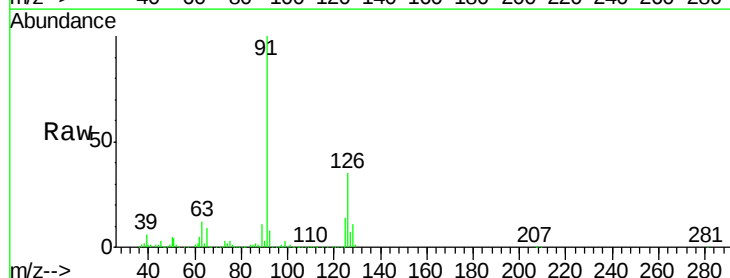
Delta R.T. 0.00 min

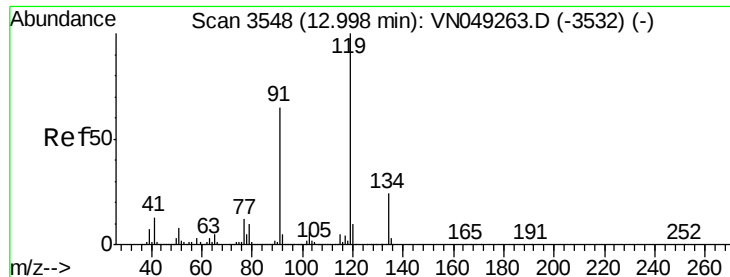
Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Tgt Ion: 91 Resp: 1109062

Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.4	49.1

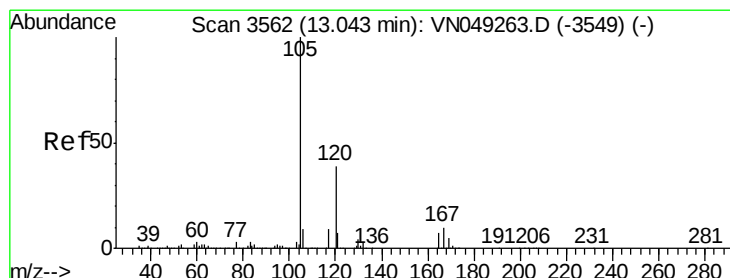
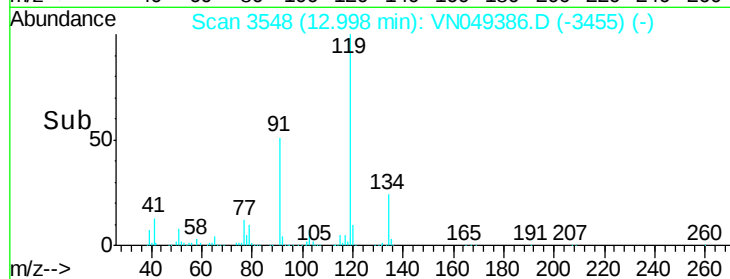
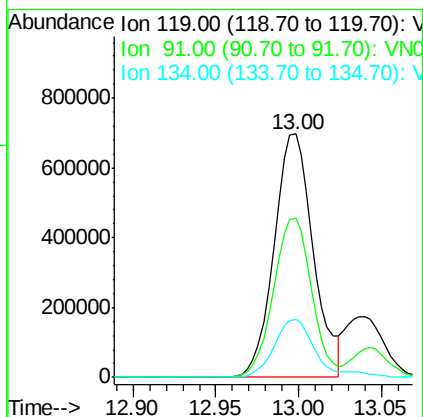
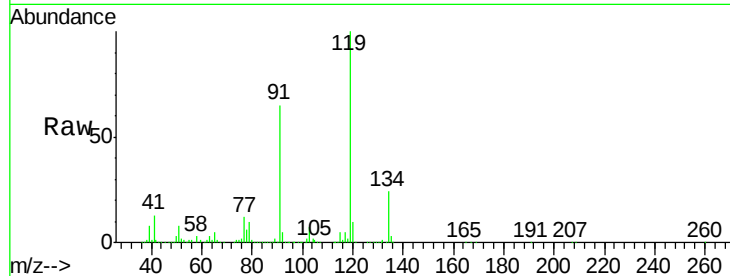




#83
tert-Butylbenzene
Concen: 19.35 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

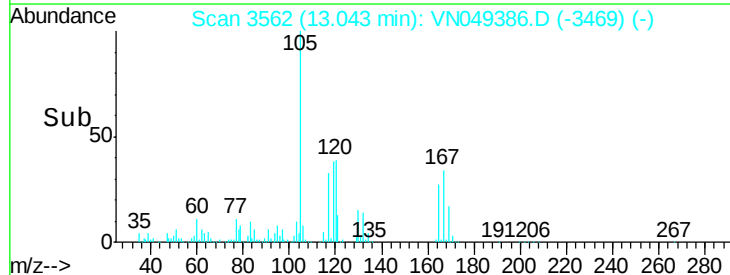
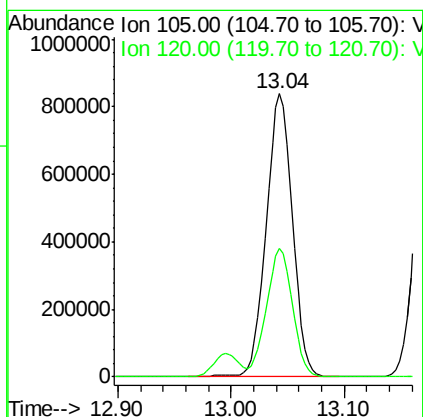
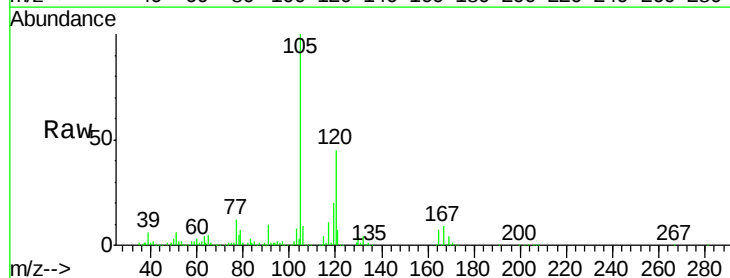
Instrument :
MSVOA_N
ClientSampled :

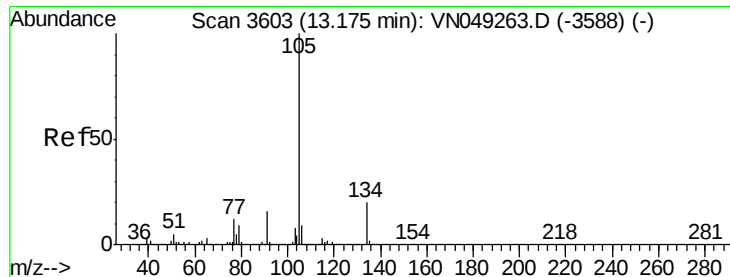
Tot Ion:119 Resp: 1147619
Ion Ratio Lower Upper
119 100
91 63.4 33.7 101.0
134 25.2 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 20.19 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion:105 Resp: 1342228
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.85 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

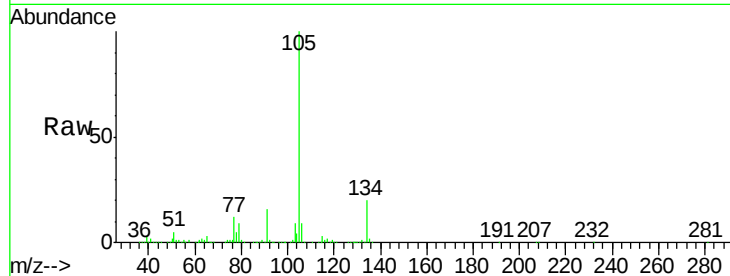
ClientSampled :

Tot Ion:105 Resp: 1488142

Ion Ratio Lower Upper

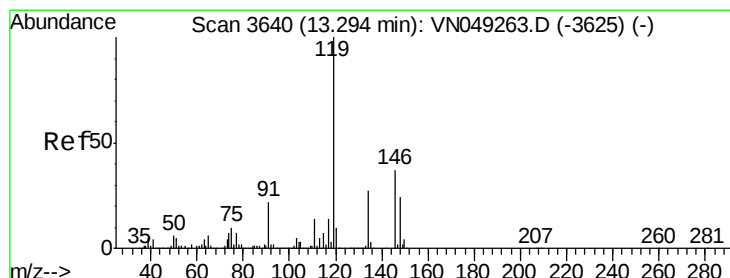
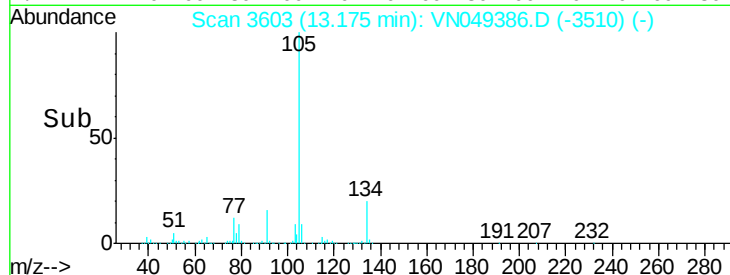
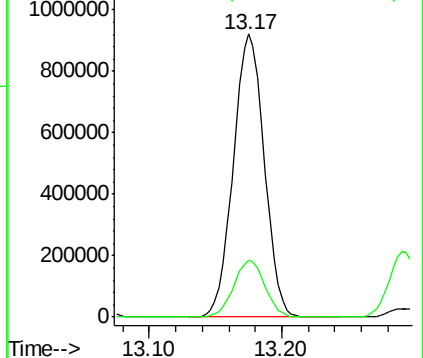
105 100

134 20.2 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: 19.18 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

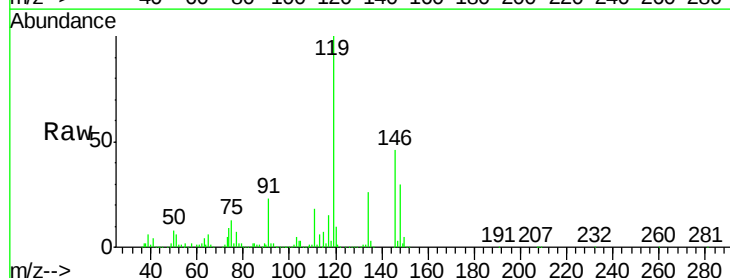
Tgt Ion:119 Resp: 1264858

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

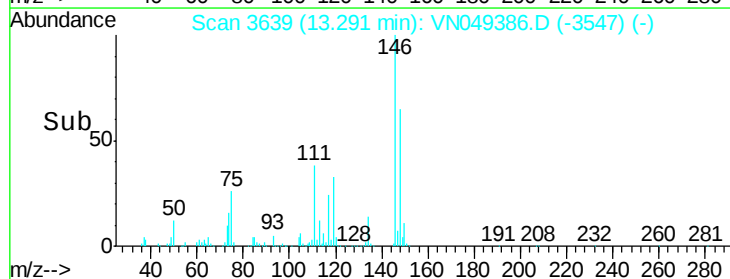
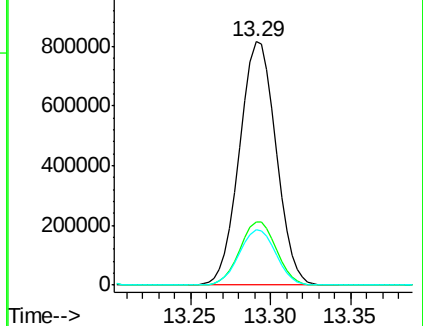
91 22.8 12.1 36.3



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

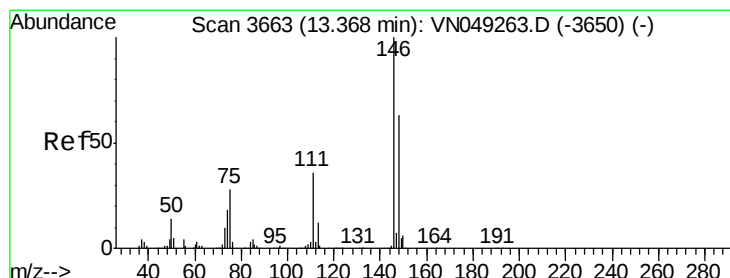
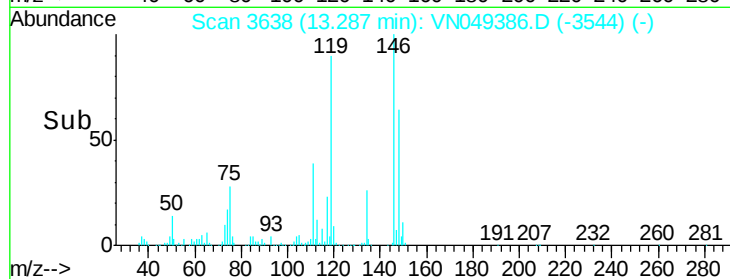
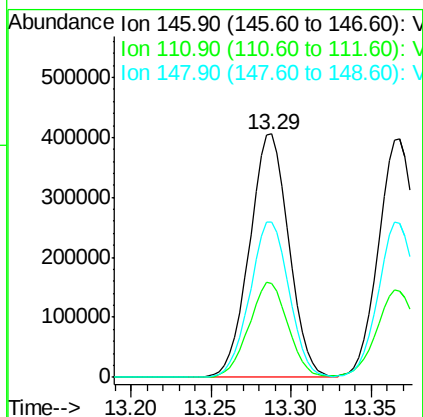
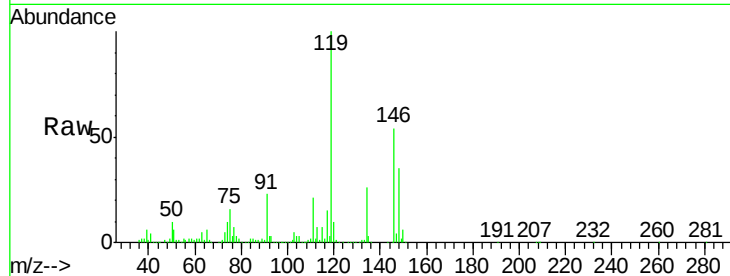




#87
 1,3-Dichlorobenzene
 Concen: 18.53 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

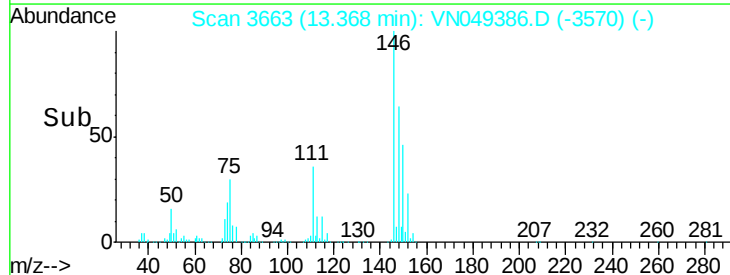
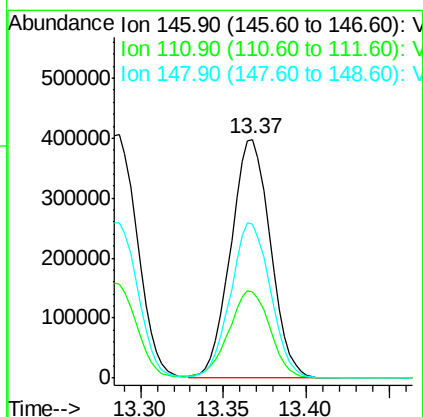
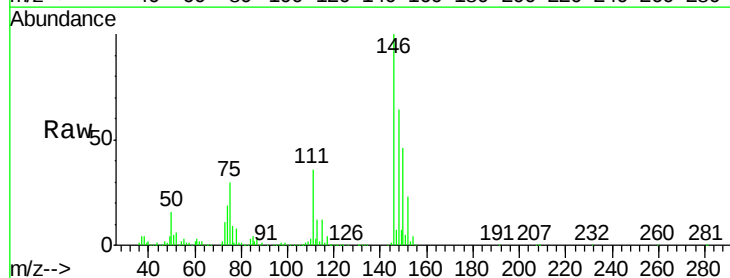
Instrument :
 MSVOA_N
 ClientSampleId :

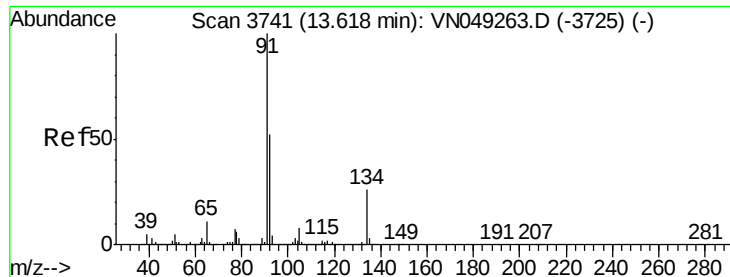
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.6
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.07 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	65.4	32.0	96.2

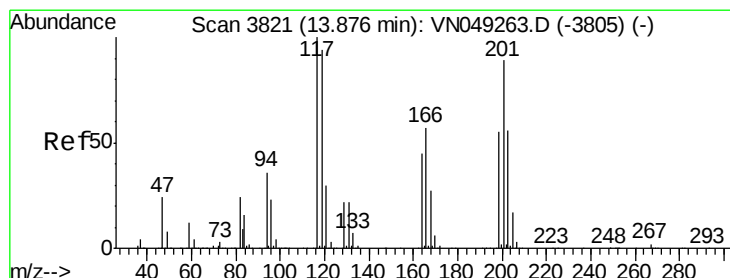
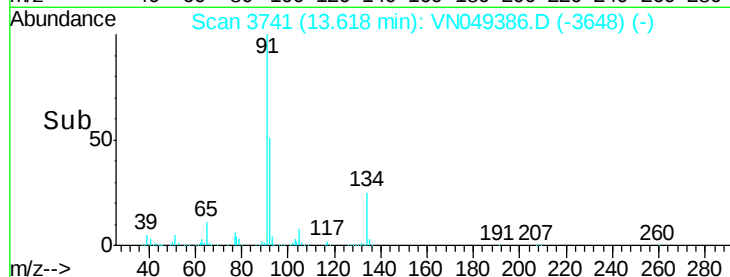
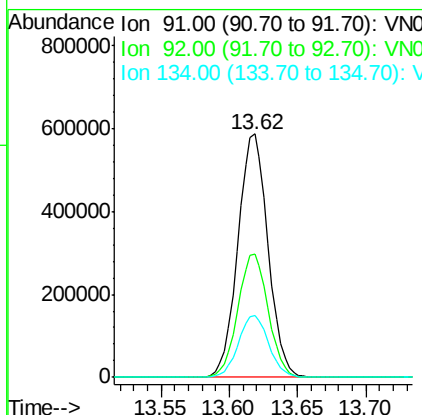
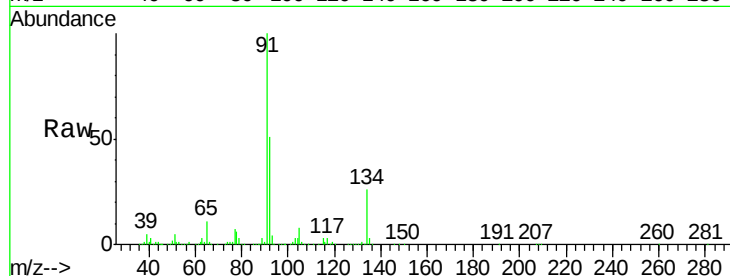




#89
n-Butylbenzene
Concen: 17.44 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

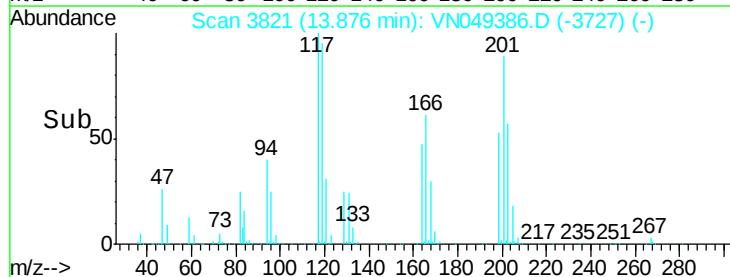
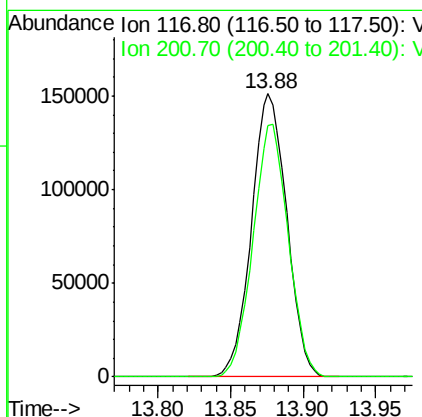
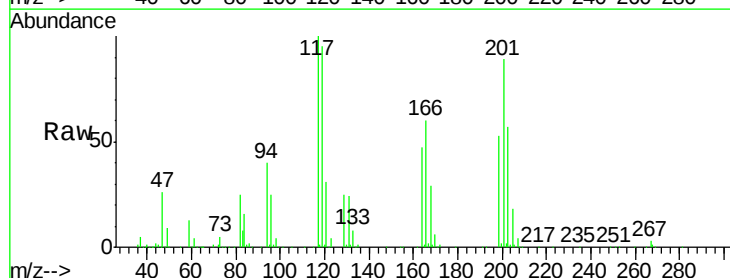
Instrument :
MSVOA_N
ClientSampleId :

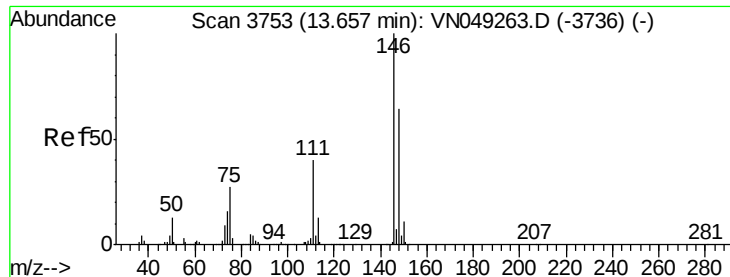
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.1	75.4
134	25.6	12.0	36.0



#90
Hexachloroethane
Concen: 19.51 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049386.D
Acq: 19 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	40.1	120.2

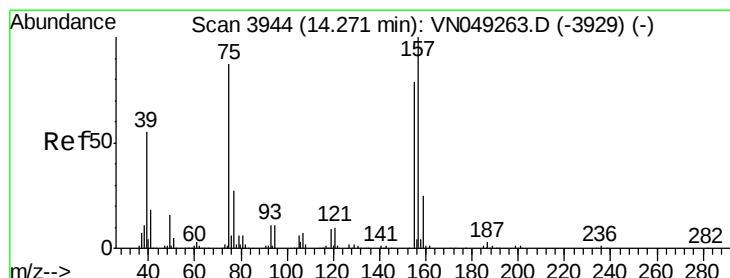
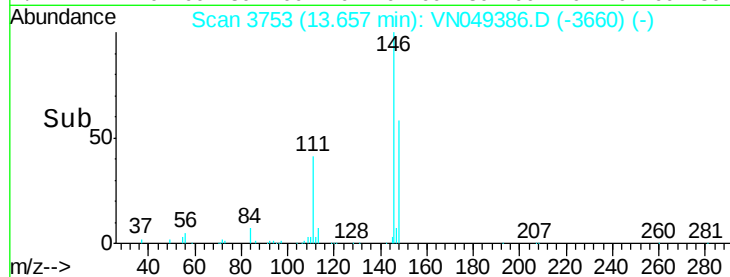
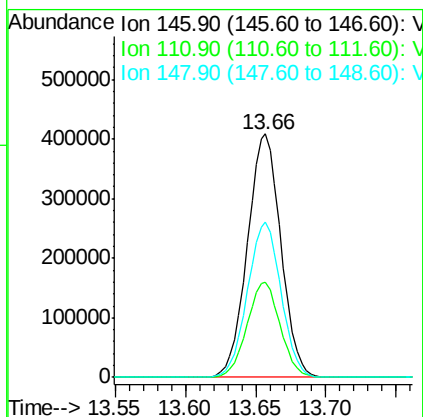
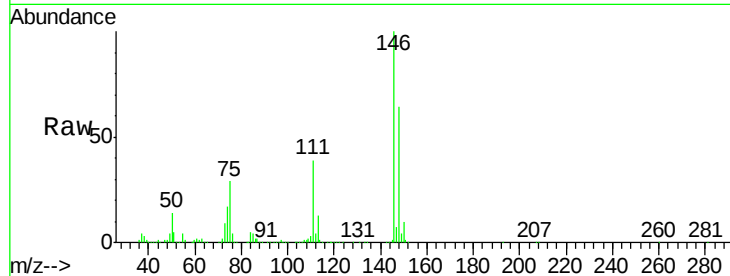




#91
 1,2-Dichlorobenzene
 Concen: 18.70 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

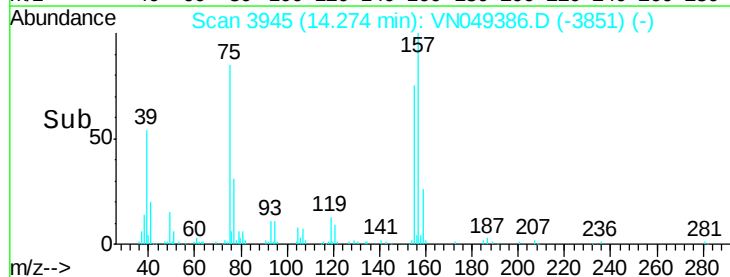
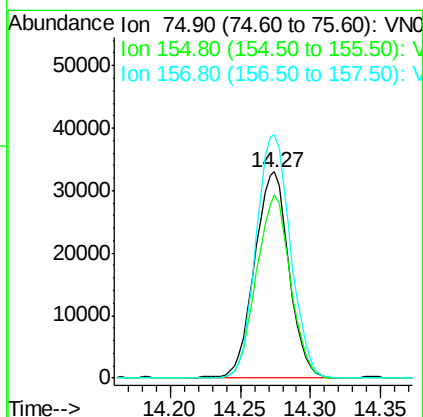
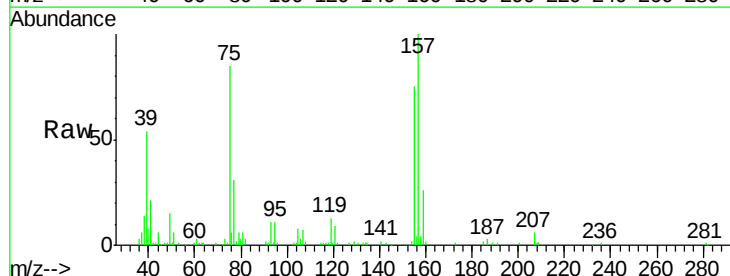
Instrument :
 MSVOA_N
 ClientSampleId :

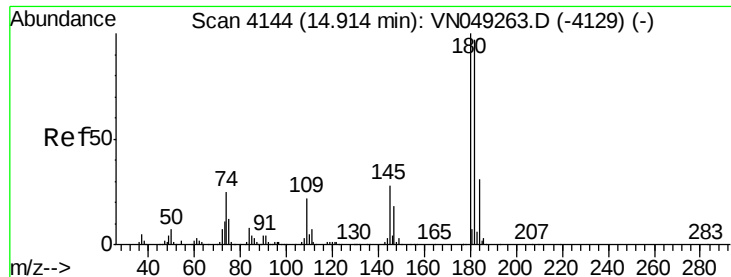
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	64.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.03 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	38.8	116.3
157	117.1	51.0	153.1

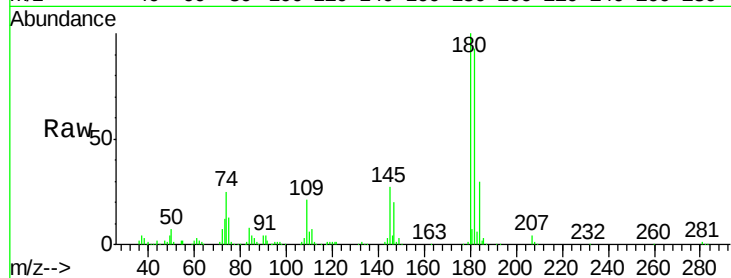




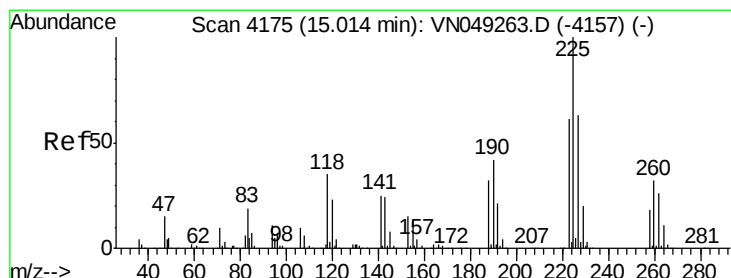
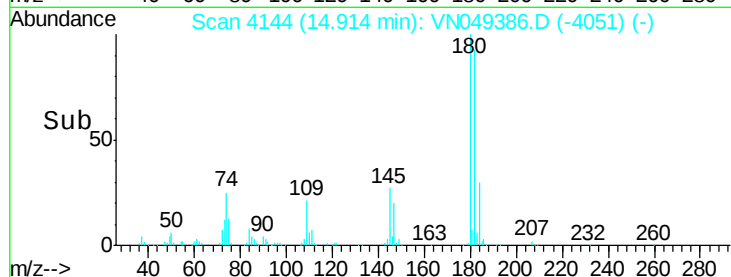
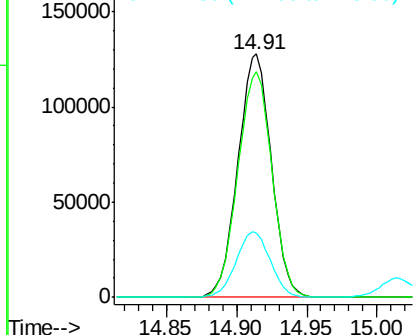
#93
 1,2,4-Trichlorobenzene
 Concen: 16.27 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 211873
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.8
 145 27.7 14.7 44.1

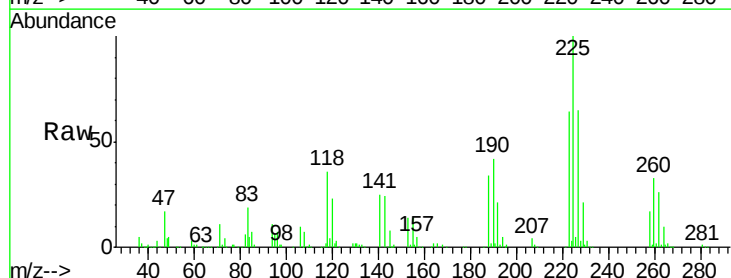


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

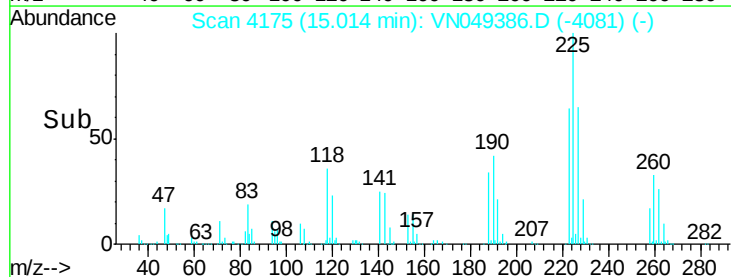
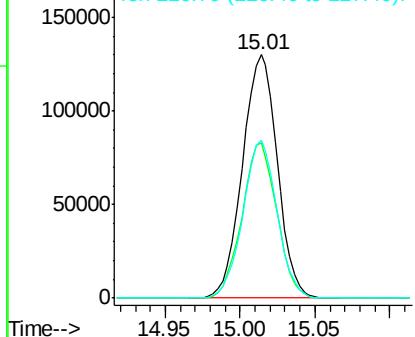


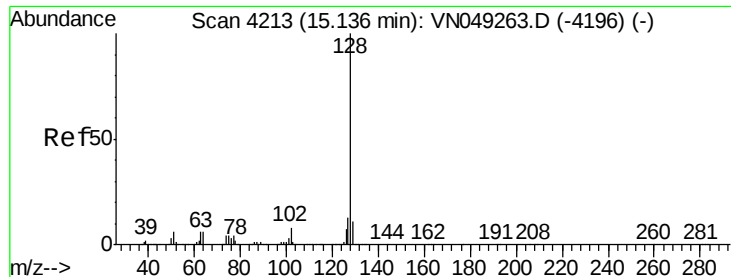
#94
 Hexachlorobutadiene
 Concen: 18.10 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049386.D
 Acq: 19 Jun 2018 15:37

Tgt Ion:225 Resp: 210586
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.1 96.3
 227 63.3 31.8 95.3



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





#95

Naphthalene

Concen: 17.65 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

Instrument :

MSVOA_N

ClientSampled :

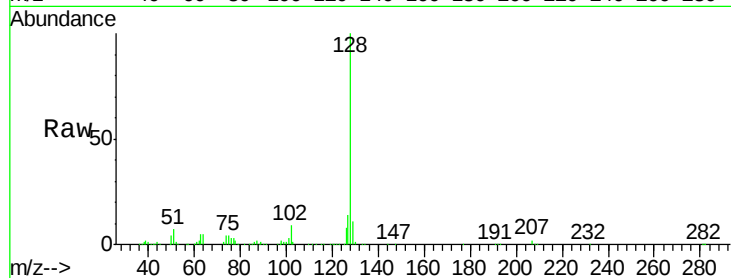
Tot Ion:128 Resp: 438025

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

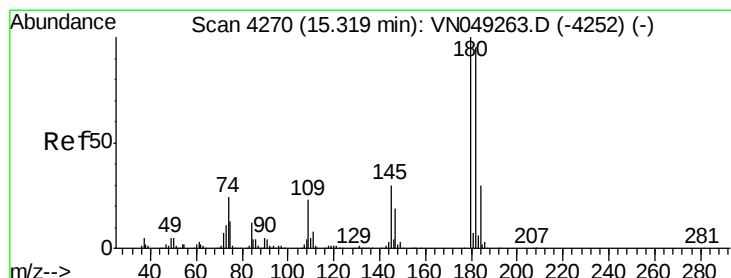
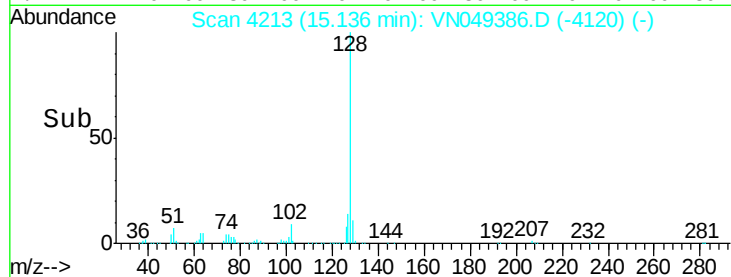
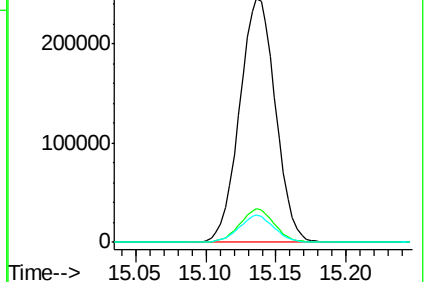
129 10.8 8.5 12.7



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: 16.79 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049386.D

Acq: 19 Jun 2018 15:37

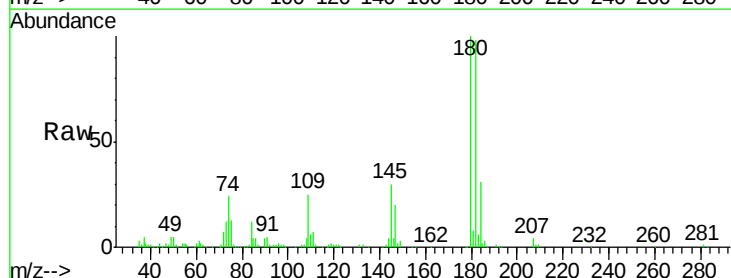
Tgt Ion:180 Resp: 232891

Ion Ratio Lower Upper

180 100

182 98.4 47.3 141.8

145 30.3 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

