

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049344.D
 Acq On : 18 Jun 2018 15:38
 Operator : MD\SY
 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:31:51 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	1689718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2573544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2299539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1138086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1190875	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.59	113	1055314	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.09	98	3974655	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	1321941	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	363424	18.69	ug/l	97
3) Chloromethane	2.06	50	460955	18.35	ug/l	97
4) Vinyl Chloride	2.18	62	508615	19.06	ug/l	99
5) Bromomethane	2.56	94	223641	15.94	ug/l	99
6) Chloroethane	2.70	64	324206	20.37	ug/l	100
7) Trichlorofluoromethane	3.01	101	674783	20.27	ug/l	100
8) Diethyl Ether	3.41	74	257931	22.19	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	430511	20.39	ug/l	94
10) Methyl Iodide	3.95	142	330318	15.02	ug/l	92
11) Tert butyl alcohol	4.80	59	170472	129.60	ug/l	98
12) 1,1-Dichloroethene	3.73	96	390648	20.16	ug/l	91
13) Acrolein	3.61	56	102642	74.41	ug/l	98
14) Allyl chloride	4.32	41	650251	21.26	ug/l	89
15) Acrylonitrile	4.99	53	778112	118.30	ug/l	99
16) Acetone	3.82	43	679075	124.79	ug/l	91
17) Carbon Disulfide	4.05	76	1102066	18.15	ug/l	100
18) Methyl Acetate	4.33	43	445296	26.84	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	1163937	23.56	ug/l	98
20) Methylene Chloride	4.55	84	460902	20.28	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	421857	20.57	ug/l	92
22) Diisopropyl ether	5.96	45	1382598	22.63	ug/l	97
23) Vinyl Acetate	5.90	43	4708953	118.24	ug/l	96
24) 1,1-Dichloroethane	5.85	63	824108	21.08	ug/l	98
25) 2-Butanone	6.84	43	908727	124.37	ug/l	99
26) 2,2-Dichloropropane	6.83	77	685467	21.71	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	489767	21.48	ug/l	92
28) Bromochloromethane	7.20	49	364973	21.05	ug/l	87
29) Tetrahydrofuran	7.22	42	576969	122.67	ug/l	93
30) Chloroform	7.37	83	826192	21.23	ug/l	100
31) Cyclohexane	7.66	56	690471	20.73	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	704508	21.22	ug/l	97
36) 1,1-Dichloropropene	7.79	75	607725	20.60	ug/l	97
37) Ethyl Acetate	6.93	43	401953	25.07	ug/l	97
38) Carbon Tetrachloride	7.78	117	626583	20.52	ug/l	100

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Quant Time: Jun 19 01:31:51 2018
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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)
39) Methylcyclohexane	9.08	83	624058	19.71	ug/l	96
40) Benzene	8.04	78	1850212	20.46	ug/l	98
41) Methacrylonitrile	7.17	41	204853	23.63	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	595440	21.31	ug/l	96
43) Isopropyl Acetate	8.17	43	822023	26.83	ug/l #	88
44) Trichloroethene	8.84	130	484733	20.30	ug/l	94
45) 1,2-Dichloropropane	9.12	63	494255	20.88	ug/l	100
46) Dibromomethane	9.21	93	290744	21.18	ug/l	92
47) Bromodichloromethane	9.41	83	632899	20.98	ug/l	97
48) Methyl methacrylate	9.20	41	350619	24.30	ug/l	88
49) 1,4-Dioxane	9.20	88	98032	492.32	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1965765	122.42	ug/l	93
52) Toluene	10.16	92	1128171	21.26	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	626318	21.70	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	727210	21.34	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	424332	21.45	ug/l	98
56) Ethyl methacrylate	10.43	69	542125	23.75	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	713318	21.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	725770	98.17	ug/l	95
59) 2-Hexanone	10.76	43	1321872	127.69	ug/l	93
60) Dibromochloromethane	10.90	129	467430	21.17	ug/l	100
61) 1,2-Dibromoethane	11.01	107	410715	22.33	ug/l	100
64) Tetrachloroethene	10.63	164	461514	19.59	ug/l	98
65) Chlorobenzene	11.44	112	1237881	20.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	465056	20.86	ug/l	99
67) Ethyl Benzene	11.51	91	2104321	21.42	ug/l	98
68) m/p-Xylenes	11.62	106	1603631	43.49	ug/l	97
69) o-Xylene	11.95	106	780001	21.96	ug/l	95
70) Styrene	11.97	104	1258374	22.46	ug/l	97
71) Bromoform	12.13	173	318498	22.07	ug/l #	100
73) Isopropylbenzene	12.25	105	2076011	20.78	ug/l	98
74) N-amyl acetate	12.07	43	575937	23.53	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	518287	24.05	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	642744	33.10	ug/l #	100
77) Bromobenzene	12.53	156	528023	20.01	ug/l	93
78) n-propylbenzene	12.59	91	2294531	20.91	ug/l	99
79) 2-Chlorotoluene	12.68	91	1406089	20.23	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	1669624	21.26	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	139817	22.76	ug/l	93
82) 4-Chlorotoluene	12.78	91	1395555	20.81	ug/l	97
83) tert-Butylbenzene	13.00	119	1447006	20.80	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1674460	21.46	ug/l	98
85) sec-Butylbenzene	13.17	105	1902401	20.54	ug/l	99
86) p-Isopropyltoluene	13.29	119	1620734	20.95	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	876946	20.20	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	858152	19.94	ug/l	100
89) n-Butylbenzene	13.62	91	1234284	20.42	ug/l	97
90) Hexachloroethane	13.88	117	315573	20.55	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	872429	20.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76865	22.09	ug/l	86

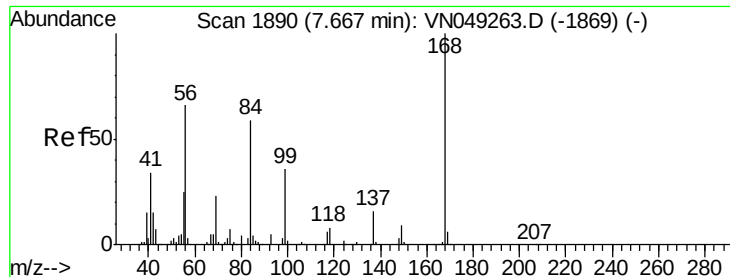
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	320395	19.60	ug/l	98
94) Hexachlorobutadiene	15.01	225	285722	21.38	ug/l	99
95) Naphthalene	15.14	128	681619	22.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	345529	20.31	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

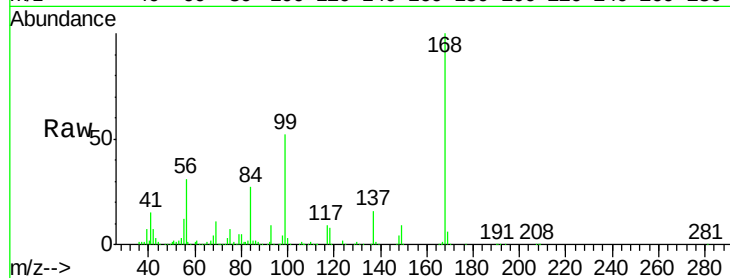
ClientSampleId :

Tot Ion:168 Resp: 1689718

Ion Ratio Lower Upper

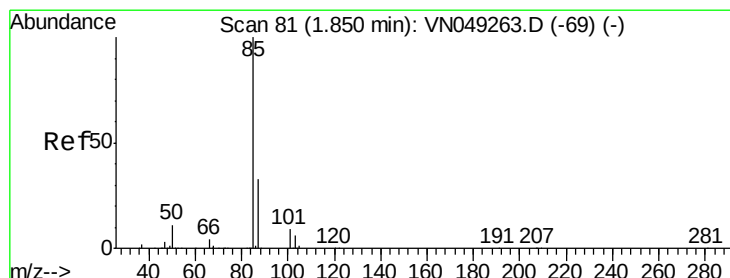
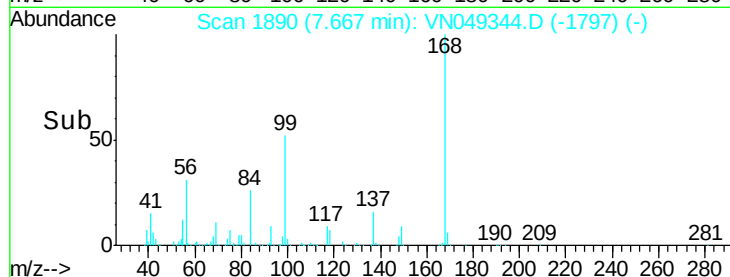
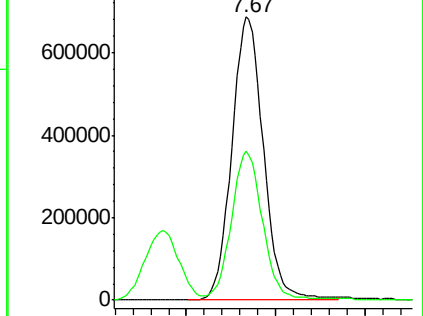
168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.69 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN049344.D

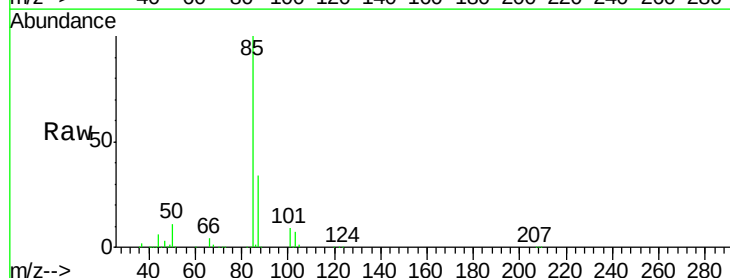
Acq: 18 Jun 2018 15:38

Tgt Ion: 85 Resp: 363424

Ion Ratio Lower Upper

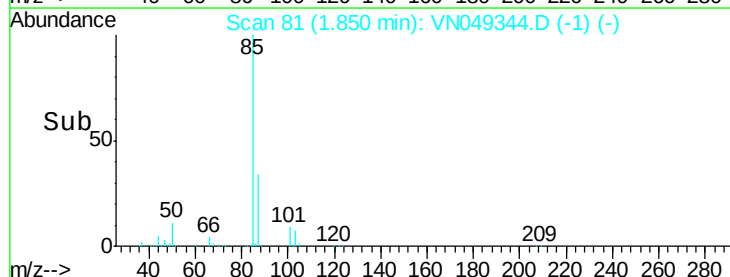
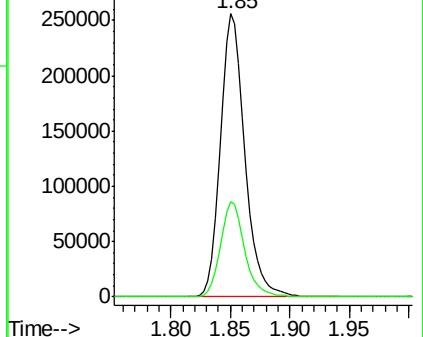
85 100

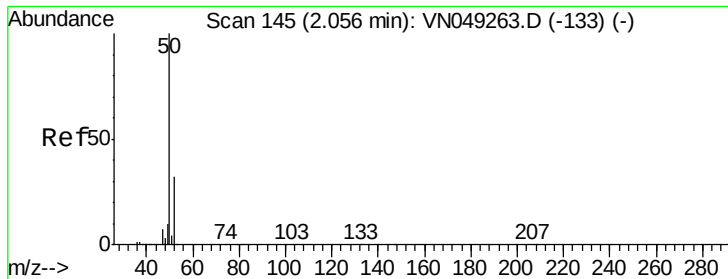
87 33.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.35 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

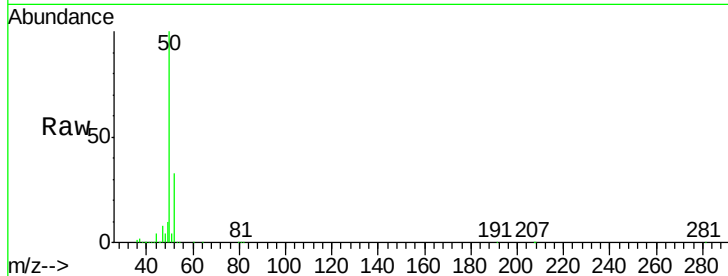
ClientSampleId :

Tot Ion: 50 Resp: 460955

Ion Ratio Lower Upper

50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049344.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049344.D (-52) (-)

2.06

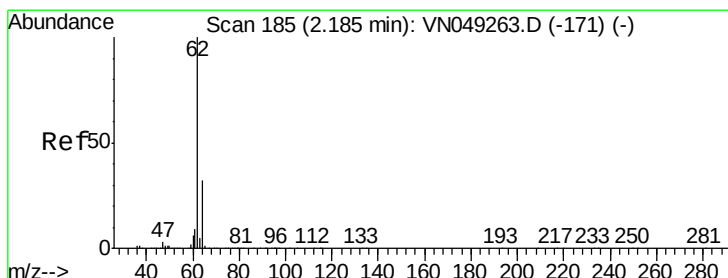
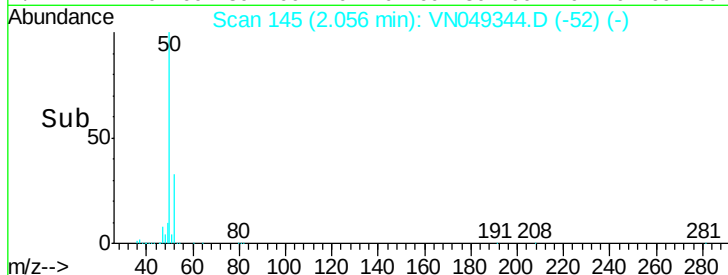
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049344.D

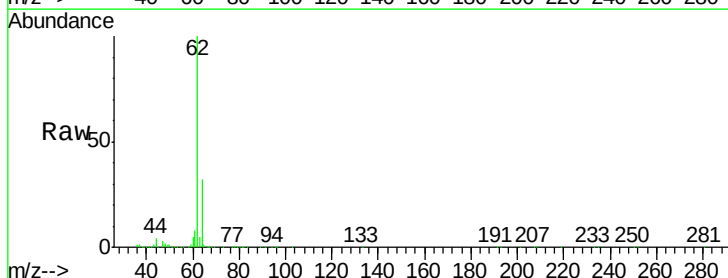
Acq: 18 Jun 2018 15:38

Tgt Ion: 62 Resp: 508615

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049344.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049344.D (-92) (-)

2.18

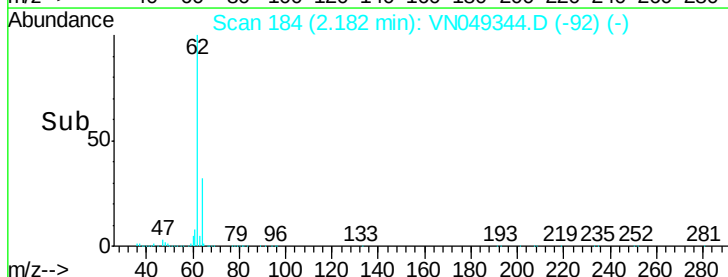
300000

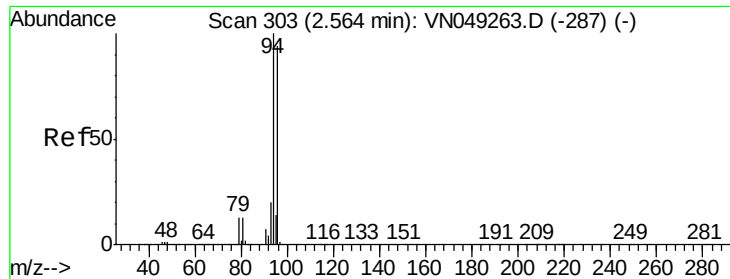
200000

100000

0

Time-->





#5

Bromomethane

Concen: 15.94 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

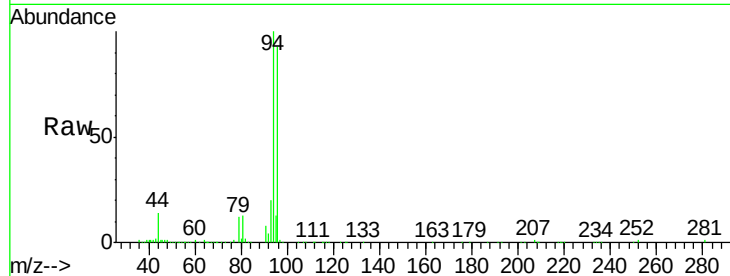
ClientSampleId :

Tot Ion: 94 Resp: 223641

Ion Ratio Lower Upper

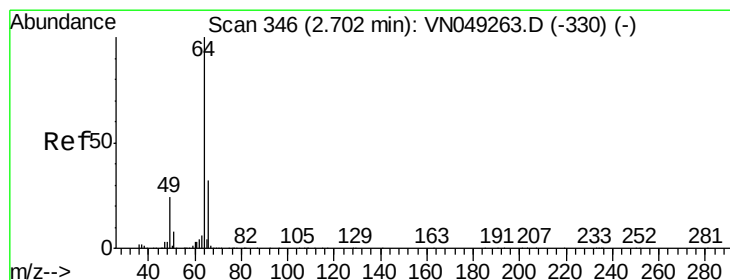
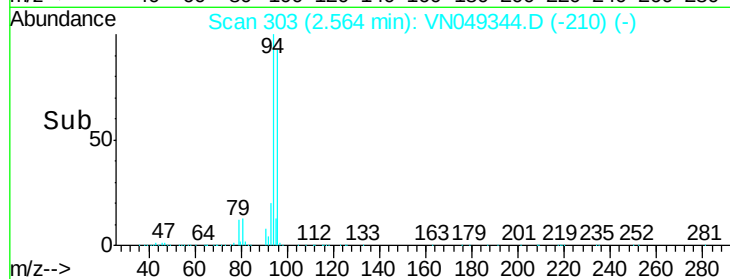
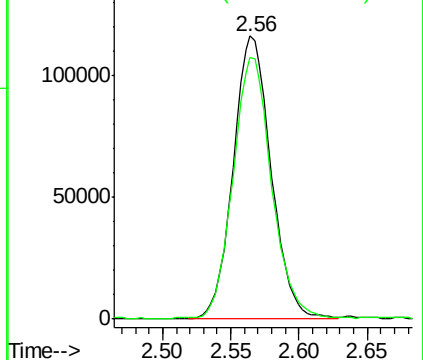
94 100

96 92.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.37 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN049344.D

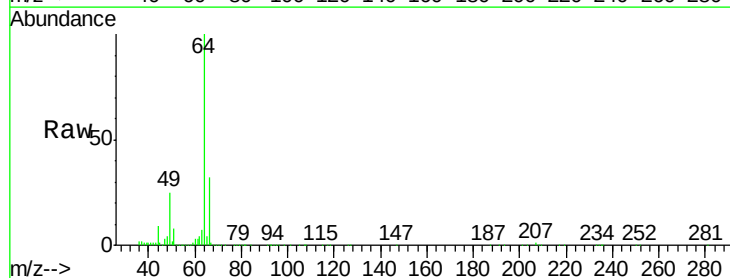
Acq: 18 Jun 2018 15:38

Tgt Ion: 64 Resp: 324206

Ion Ratio Lower Upper

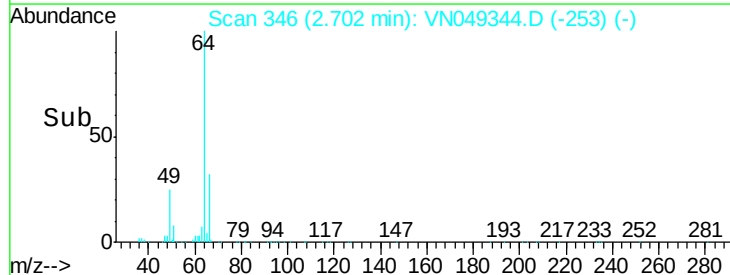
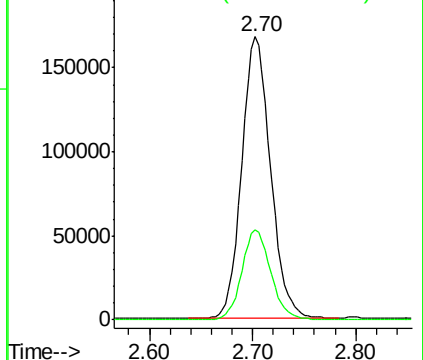
64 100

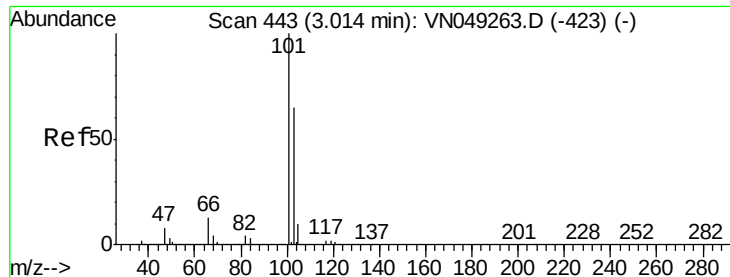
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



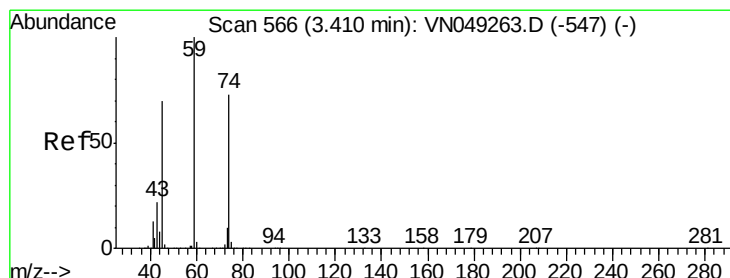
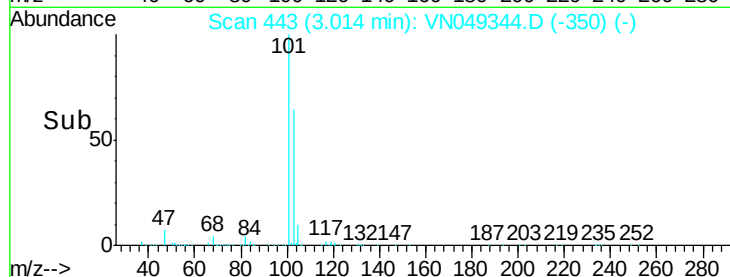
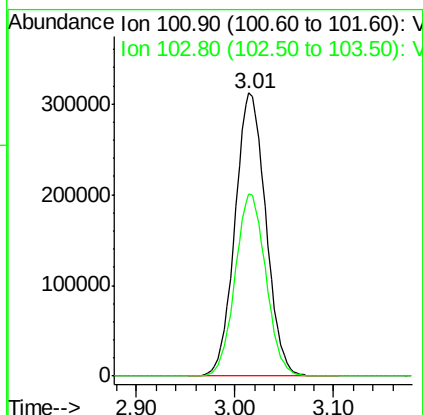
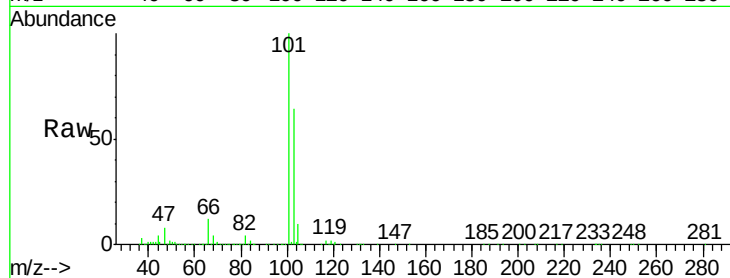


#7

Trichlorofluoromethane
 Concen: 20.27 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Instrument :
 MSVOA_N
 ClientSampleId :

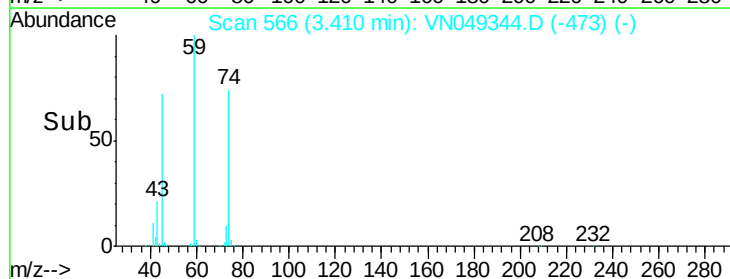
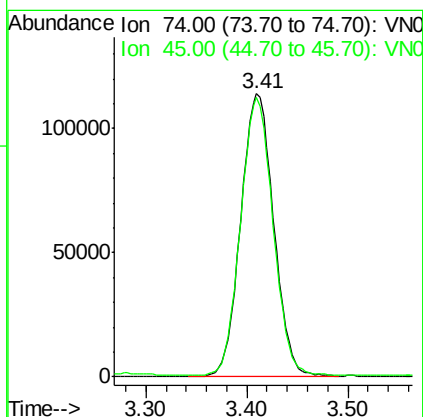
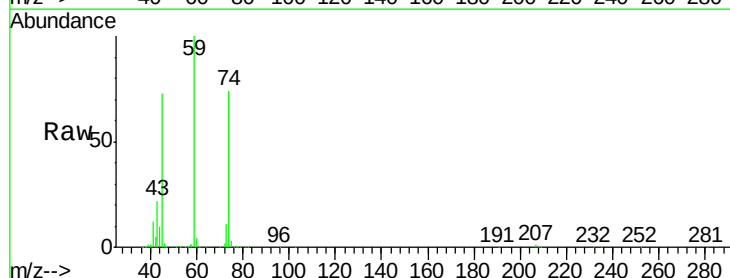
Tot Ion:101 Resp: 674783
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5

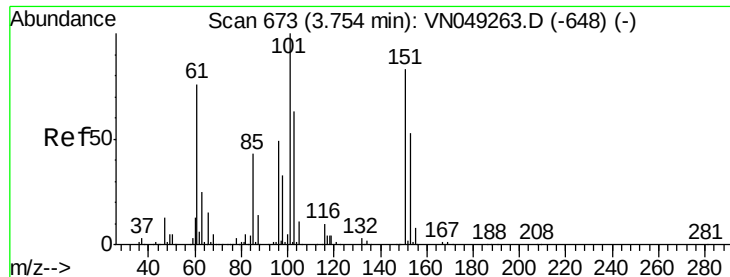


#8

Diethyl Ether
 Concen: 22.19 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 74 Resp: 257931
 Ion Ratio Lower Upper
 74 100
 45 96.4 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.39 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

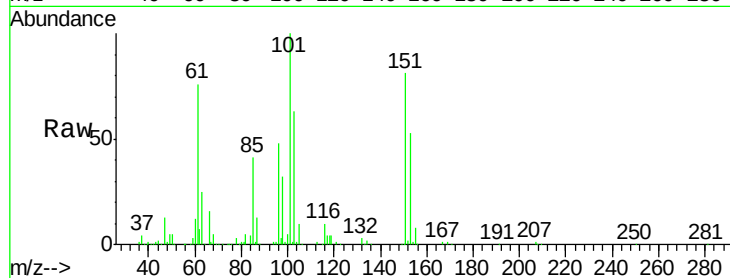
Tot Ion:101 Resp: 430511

Ion Ratio Lower Upper

101 100

85 42.0 37.6 56.4

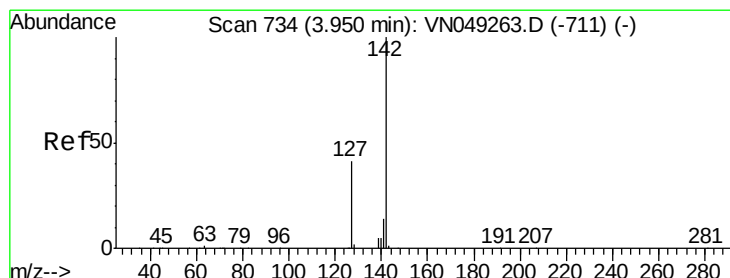
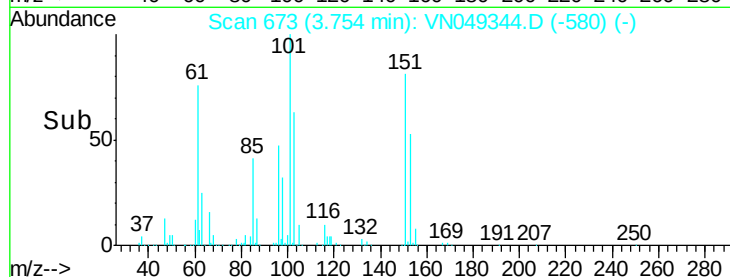
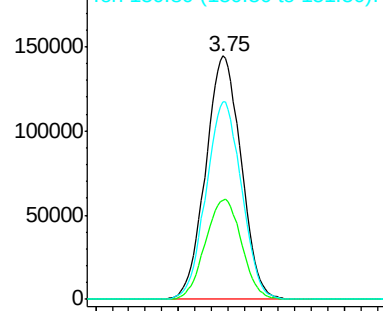
151 81.0 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.02 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

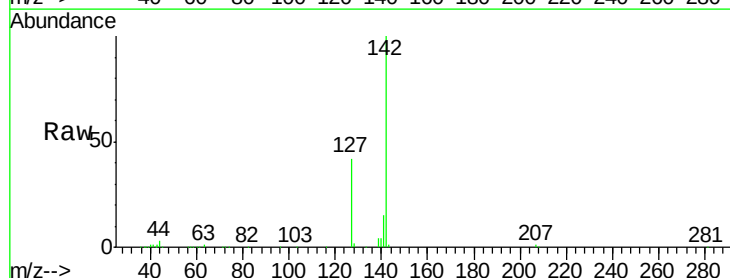
Tgt Ion:142 Resp: 330318

Ion Ratio Lower Upper

142 100

127 41.2 38.2 57.4

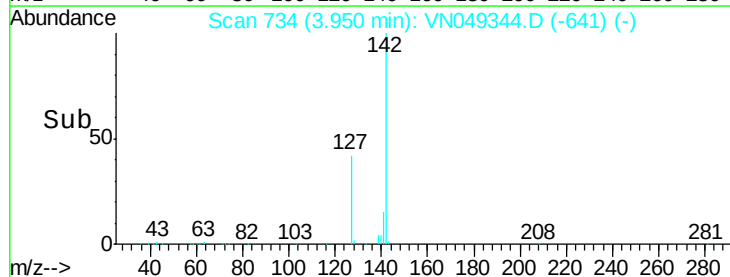
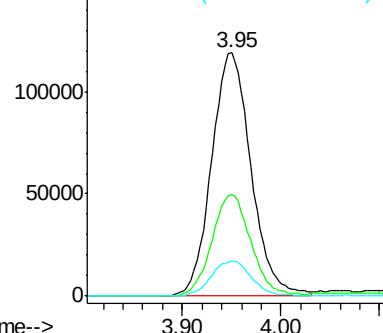
141 14.8 11.9 17.9

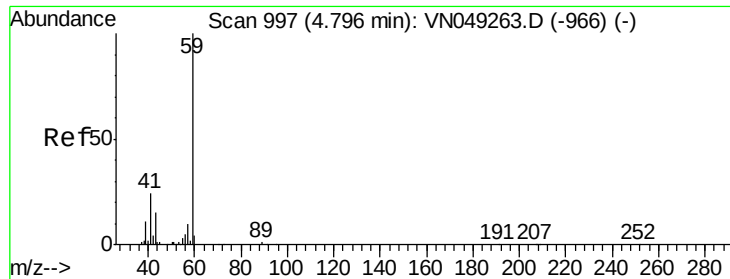


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



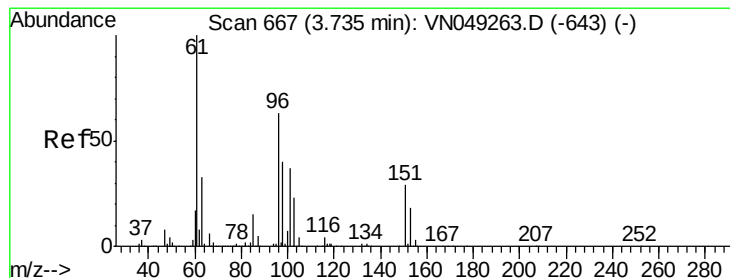
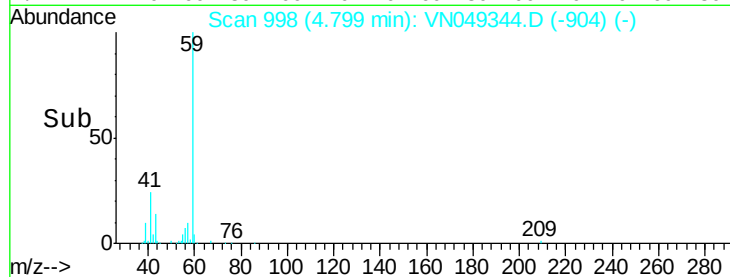
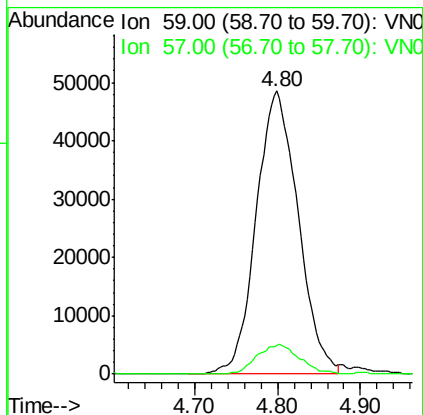
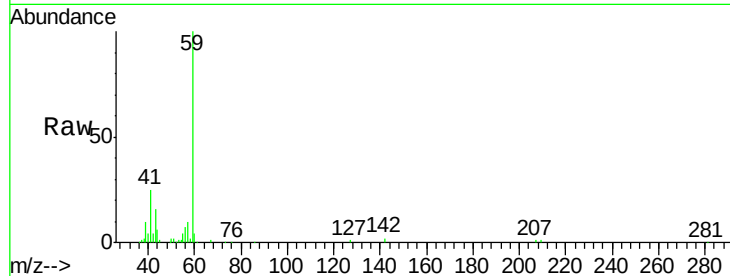


#11

Tert butyl alcohol
 Concen: 129.60 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Instrument :
 MSVOA_N
 ClientSampled :

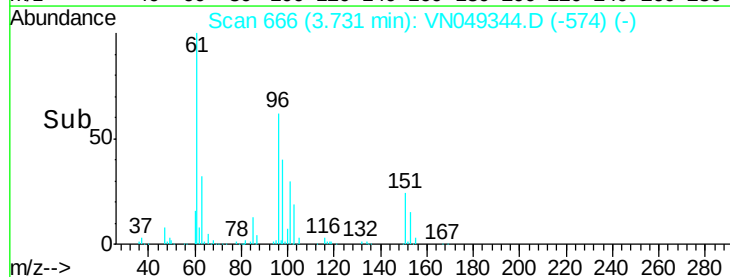
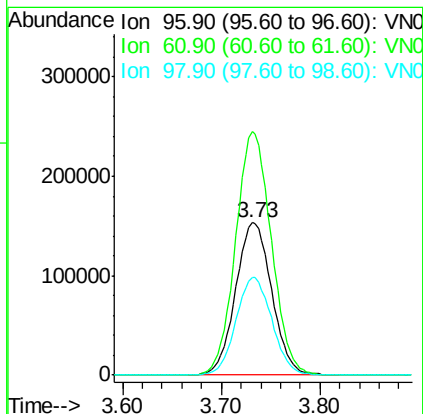
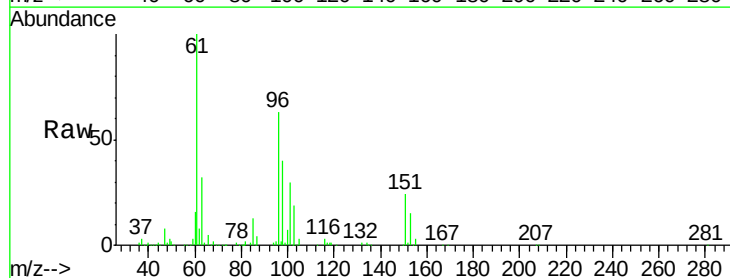
Tot Ion: 59 Resp: 170472
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

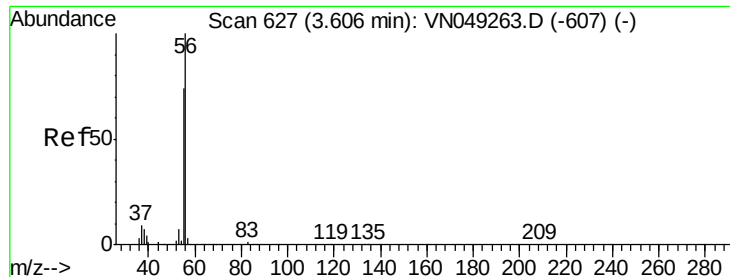


#12

1,1-Dichloroethene
 Concen: 20.16 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 96 Resp: 390648
 Ion Ratio Lower Upper
 96 100
 61 159.8 141.0 211.4
 98 64.4 50.4 75.6





#13

Acrolein

Concen: 74.41 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

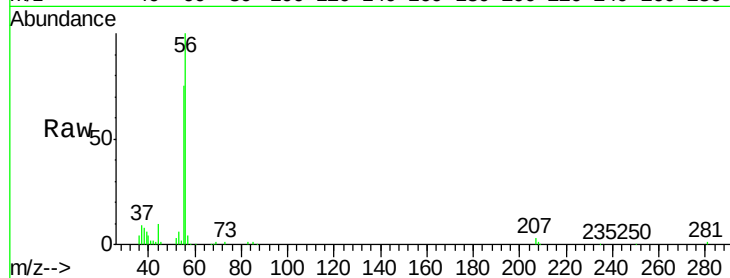
ClientSampleId :

Tot Ion: 56 Resp: 102642

Ion Ratio Lower Upper

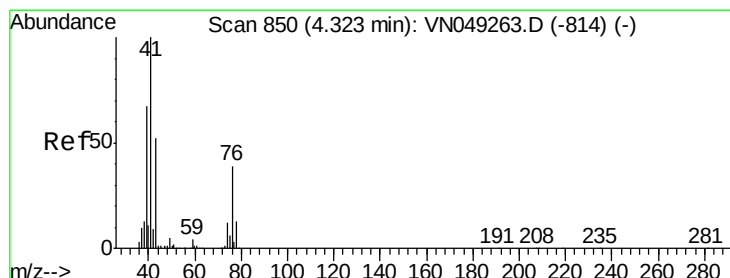
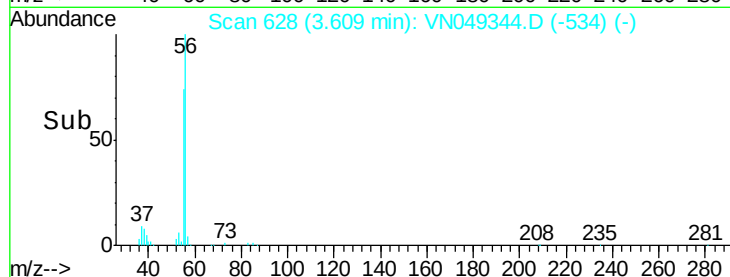
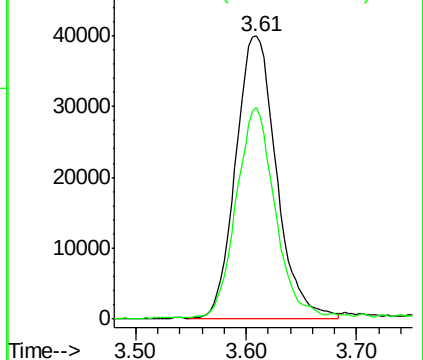
56 100

55 69.9 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: 21.26 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

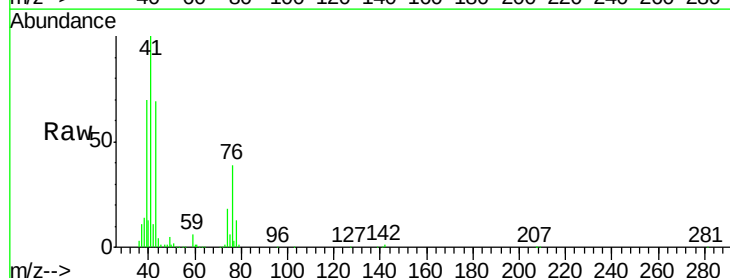
Tgt Ion: 41 Resp: 650251

Ion Ratio Lower Upper

41 100

39 66.2 62.5 93.7

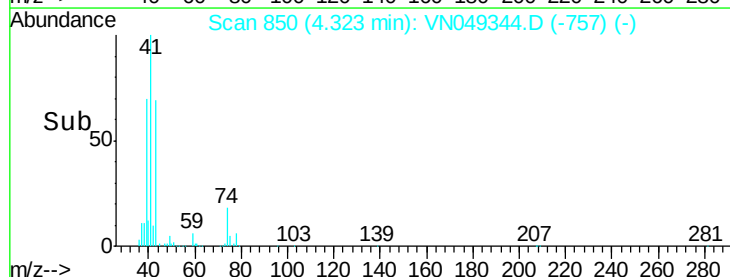
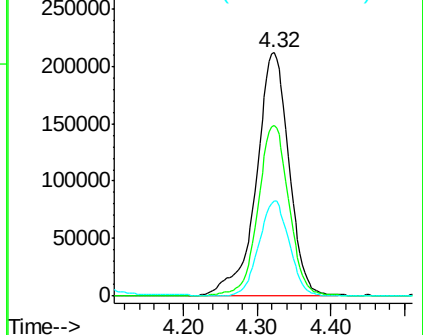
76 35.8 27.1 40.7

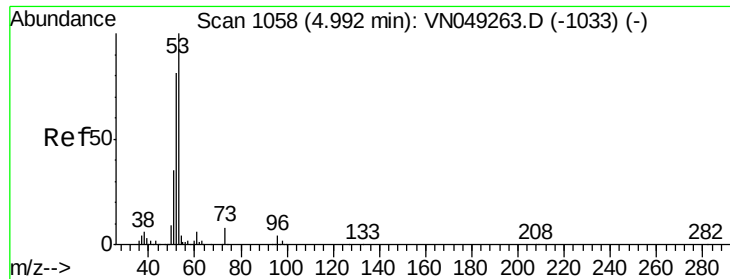


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

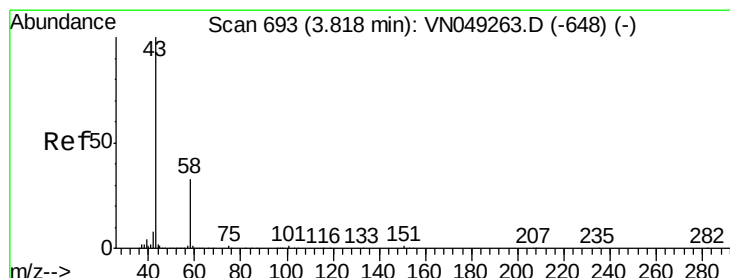
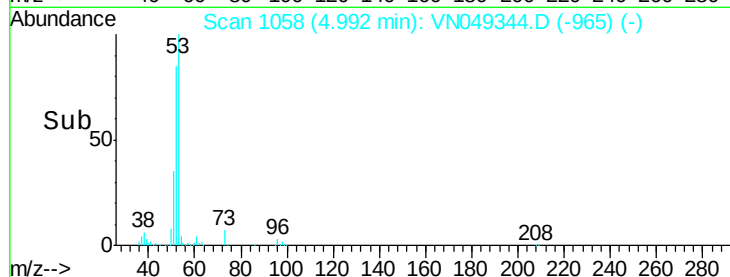
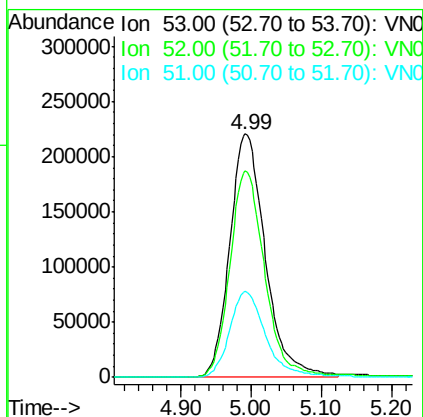
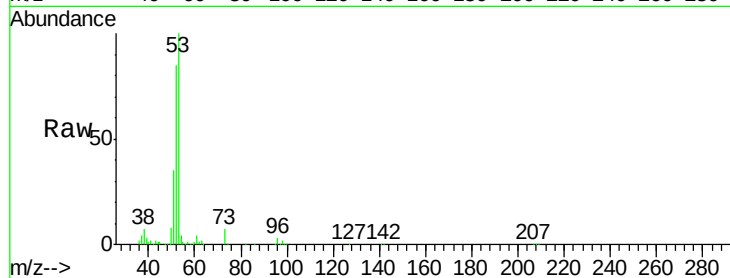




#15
 Acrylonitrile
 Concen: 118.30 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

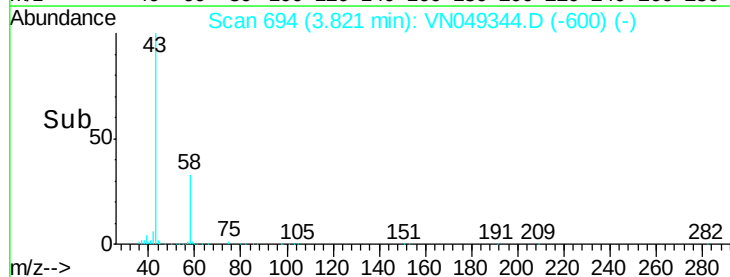
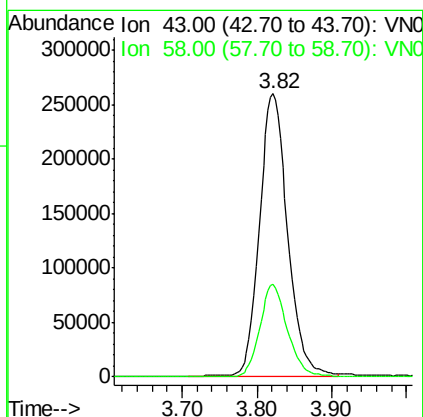
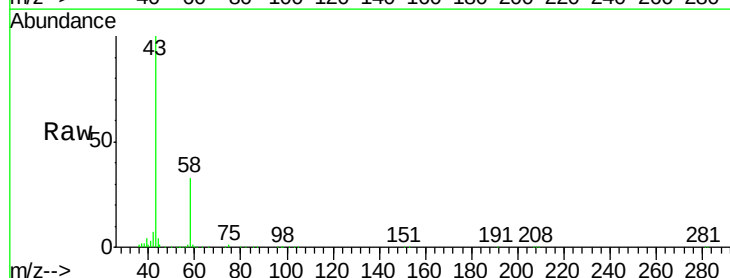
Instrument :
 MSVOA_N
 ClientSampled :

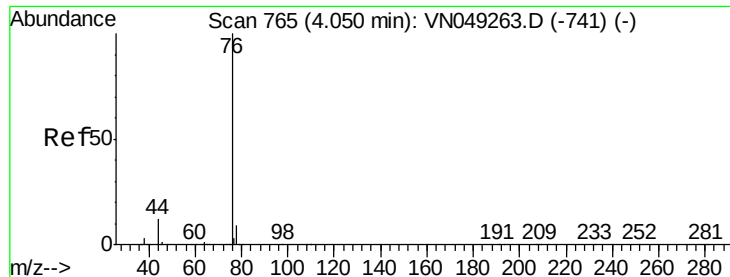
Tot Ion: 53 Resp: 778112
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.6 100.0
 51 36.1 29.8 44.8



#16
 Acetone
 Concen: 124.79 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 43 Resp: 679075
 Ion Ratio Lower Upper
 43 100
 58 32.6 22.4 33.6





#17

Carbon Disulfide

Concen: 18.15 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

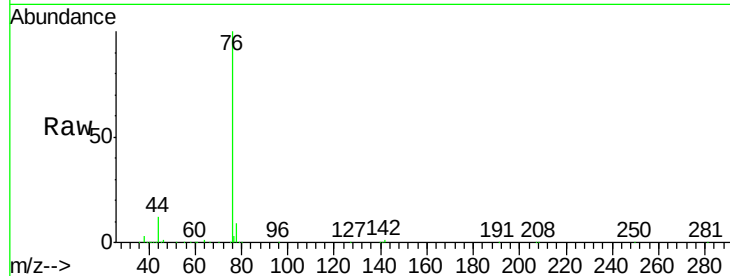
ClientSampleId :

Tot Ion: 76 Resp: 1102066

Ion Ratio Lower Upper

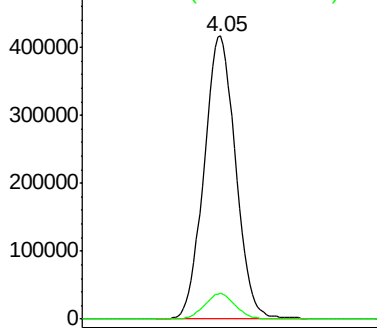
76 100

78 9.1 7.4 11.0

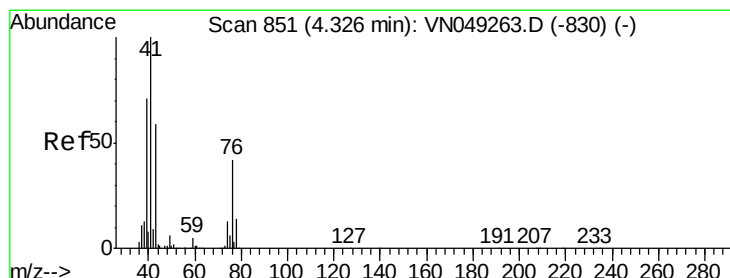
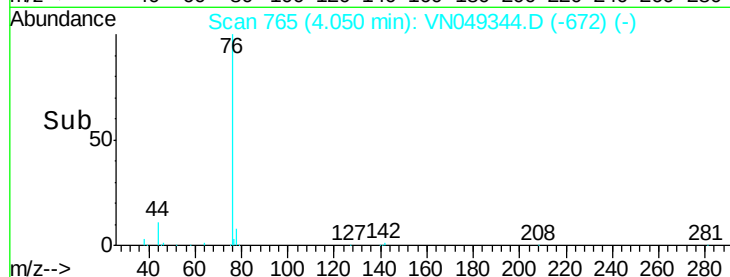


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 26.84 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049344.D

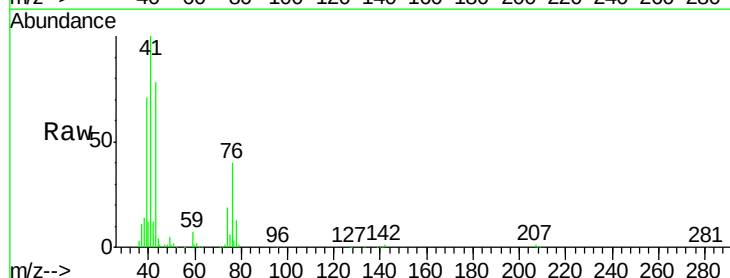
Acq: 18 Jun 2018 15:38

Tgt Ion: 43 Resp: 445296

Ion Ratio Lower Upper

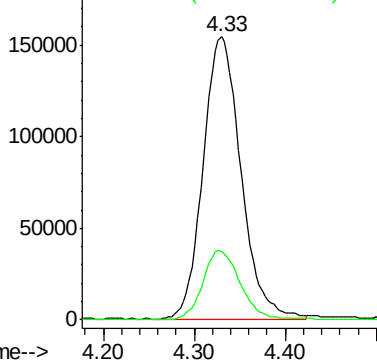
43 100

74 24.4 17.4 26.0

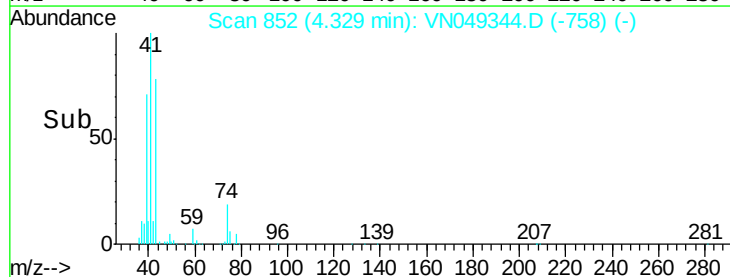


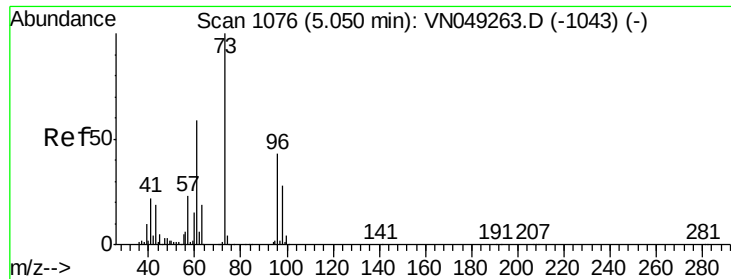
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

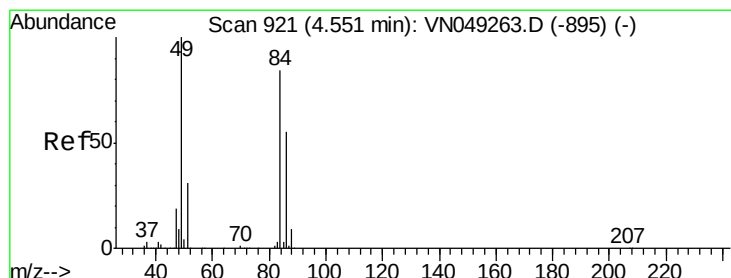
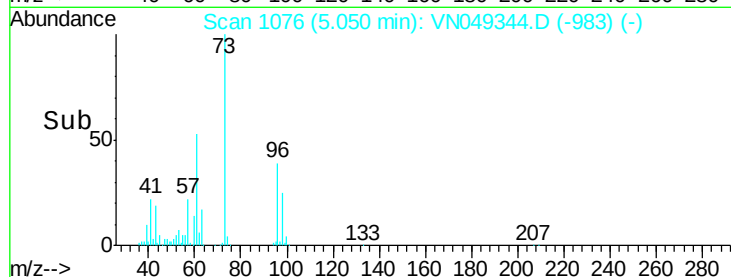
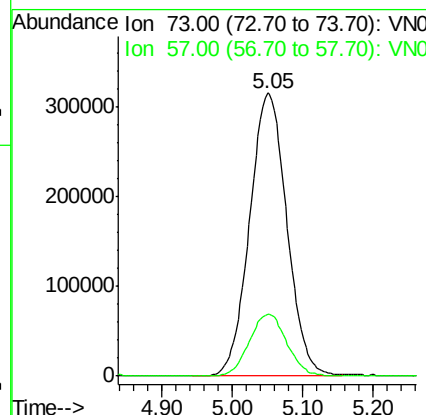
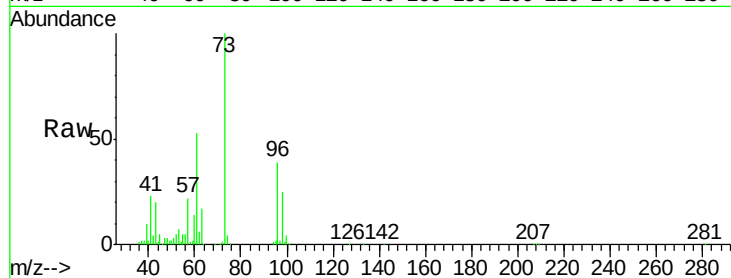




#19
Methyl tert-butyl Ether
Concen: 23.56 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

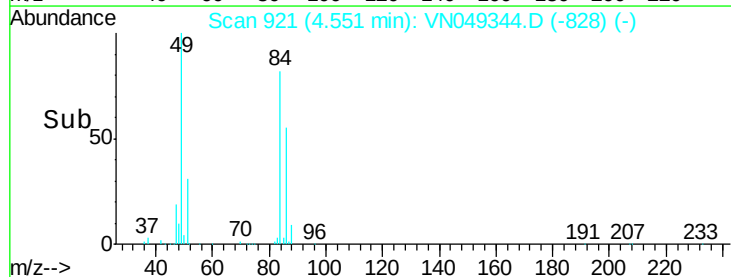
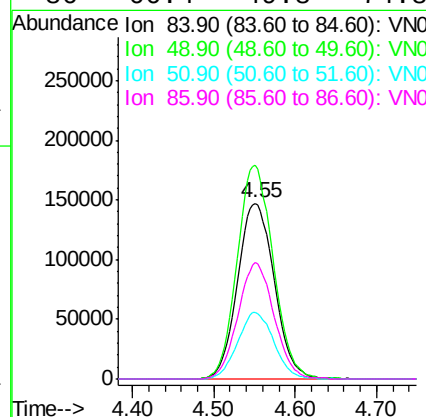
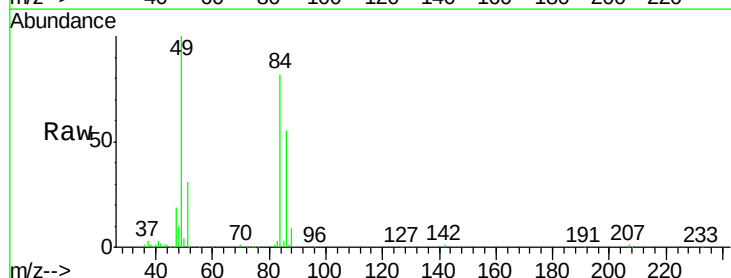
Instrument :
MSVOA_N
ClientSampled :

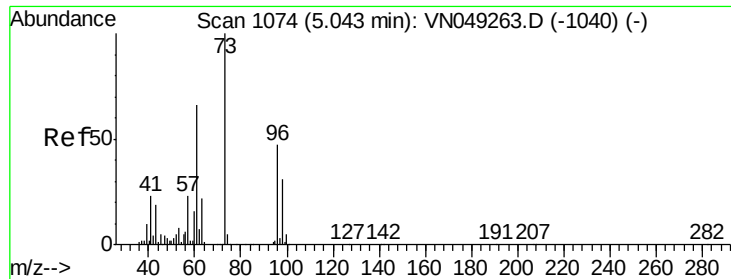
Tot Ion: 73 Resp: 1163937
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 20.28 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 84 Resp: 460902
Ion Ratio Lower Upper
84 100
49 121.7 106.9 160.3
51 38.1 32.7 49.1
86 66.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.57 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

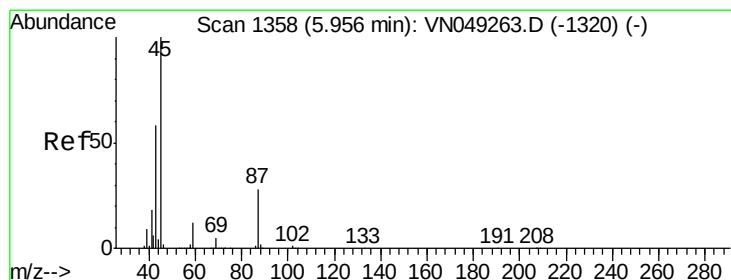
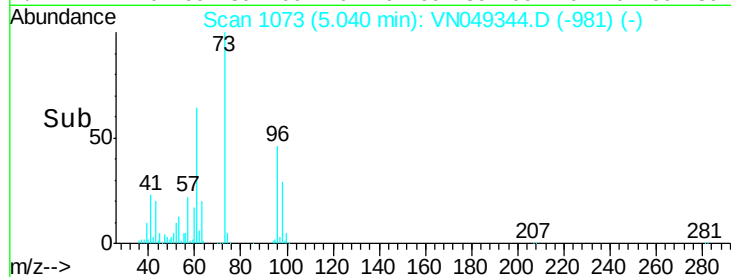
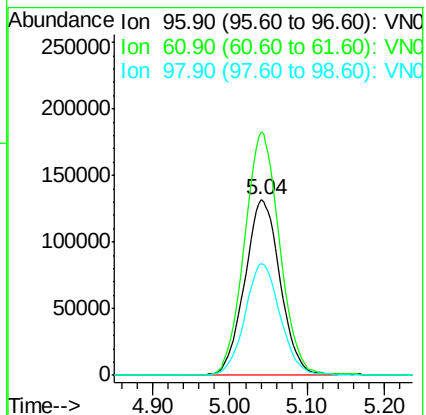
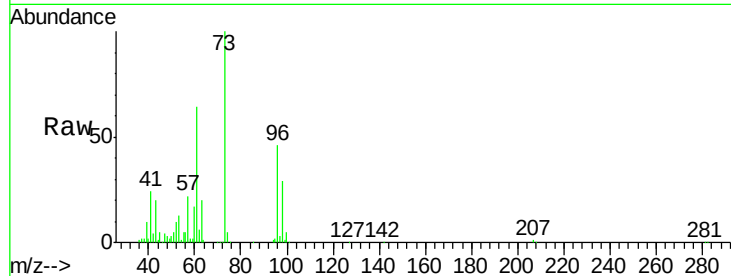
Tot Ion: 96 Resp: 421857

Ion Ratio Lower Upper

96 100

61 138.6 121.3 181.9

98 63.3 52.0 78.0



#22

Diisopropyl ether

Concen: 22.63 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Tgt Ion: 45 Resp: 1382598

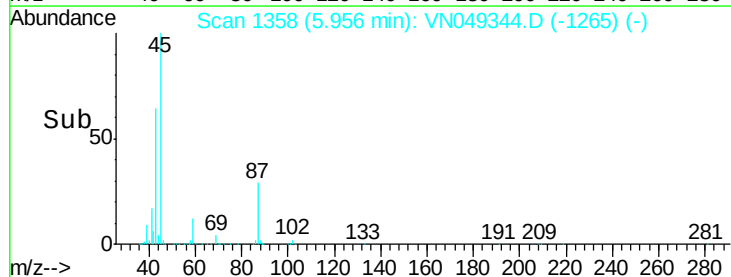
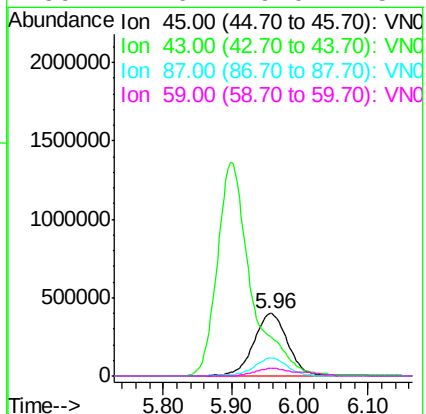
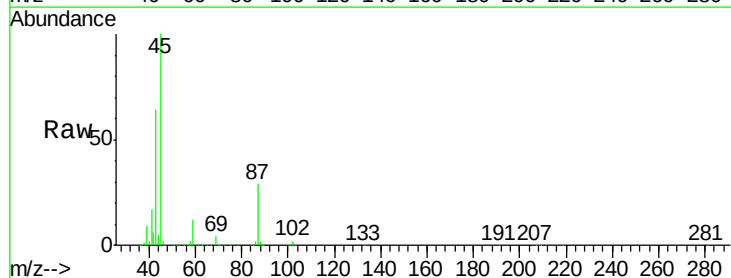
Ion Ratio Lower Upper

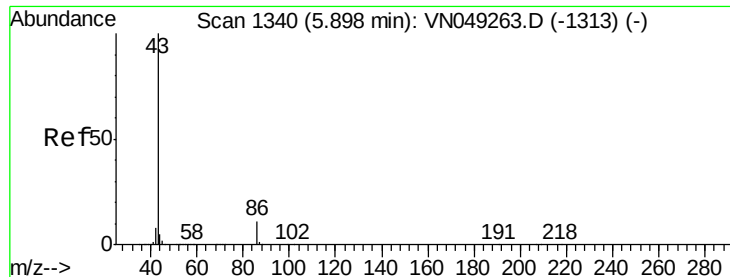
45 100

43 62.6 48.6 72.8

87 28.4 20.2 30.2

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 118.24 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

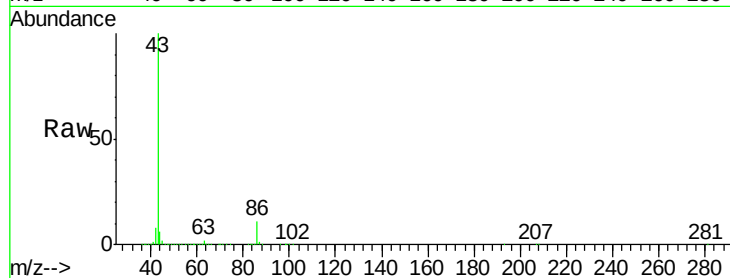
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4708953

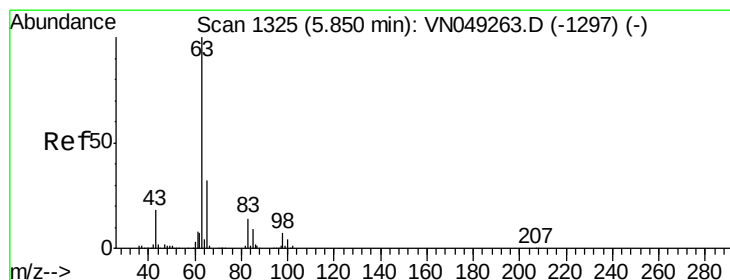
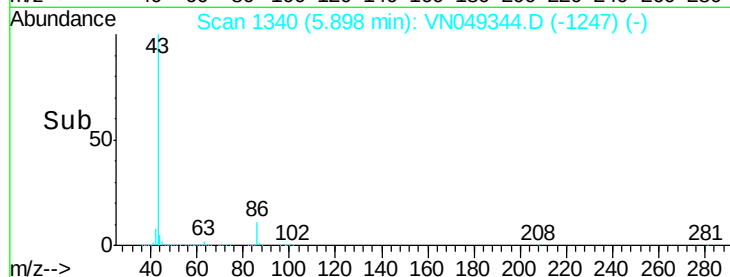
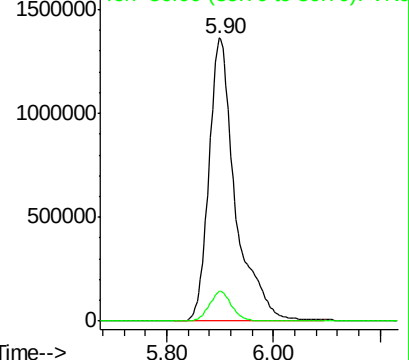
Ion Ratio Lower Upper

43 100

86 10.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049344.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 21.08 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

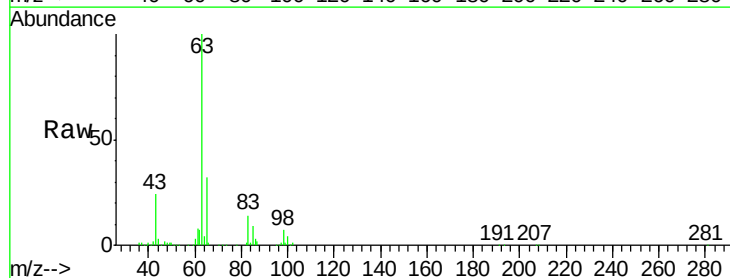
Tgt Ion: 63 Resp: 824108

Ion Ratio Lower Upper

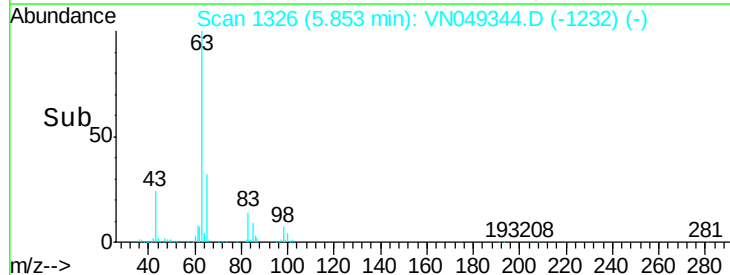
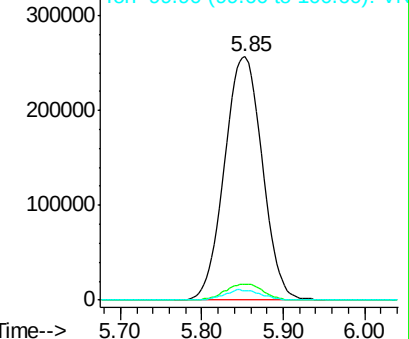
63 100

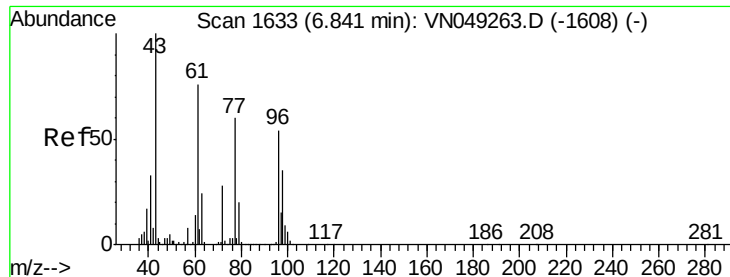
98 6.6 2.9 8.8

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049344.D (-1232) (-)

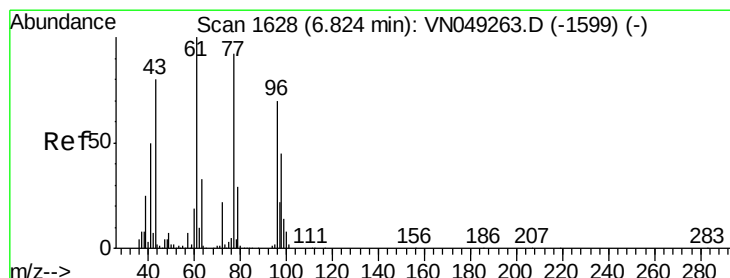
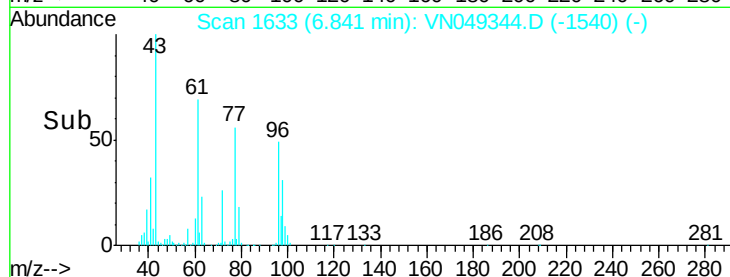
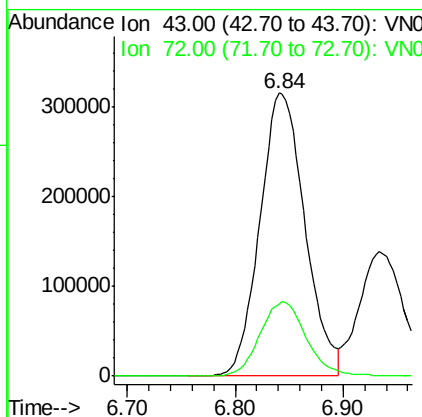
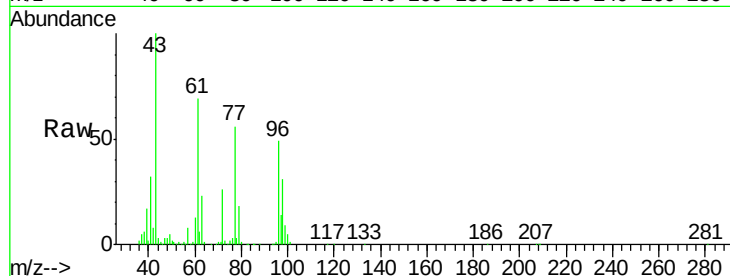




#25
 2-Butanone
 Concen: 124.37 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

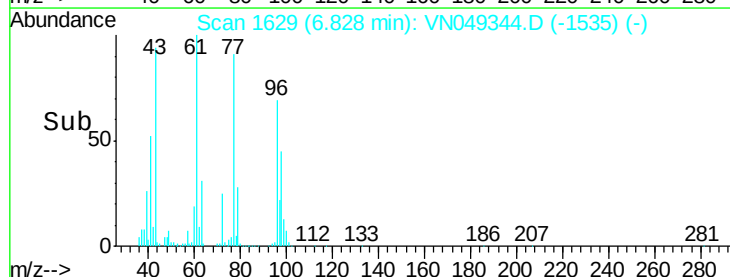
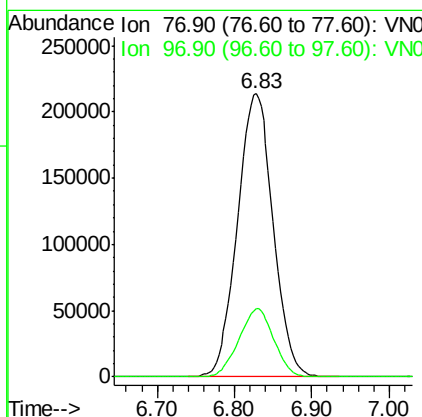
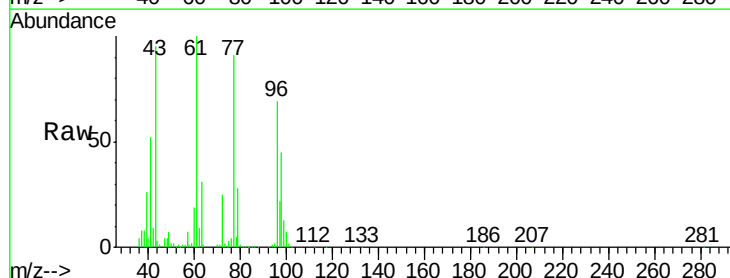
Instrument :
 MSVOA_N
 ClientSampled :

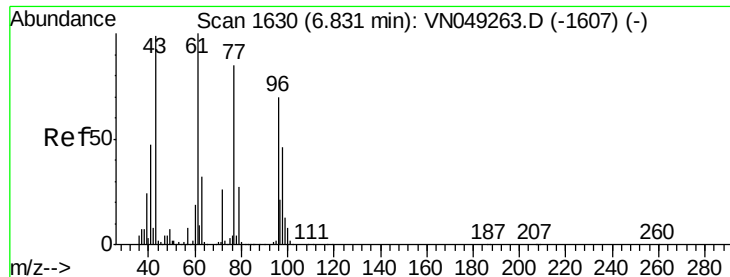
Tot Ion: 43 Resp: 908727
 Ion Ratio Lower Upper
 43 100
 72 25.7 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 21.71 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 77 Resp: 685467
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 21.48 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

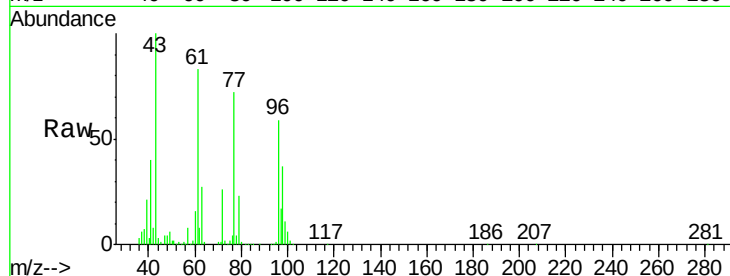
Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 489767

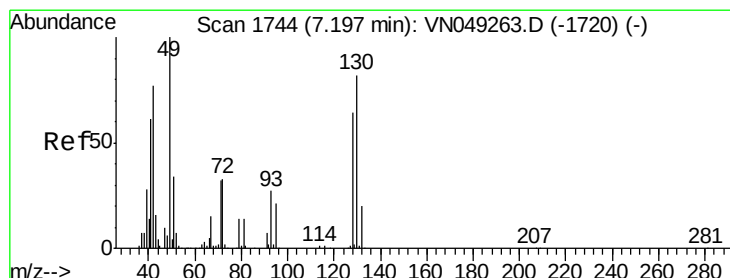
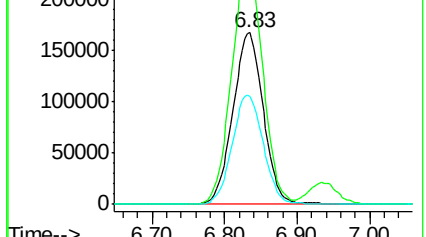
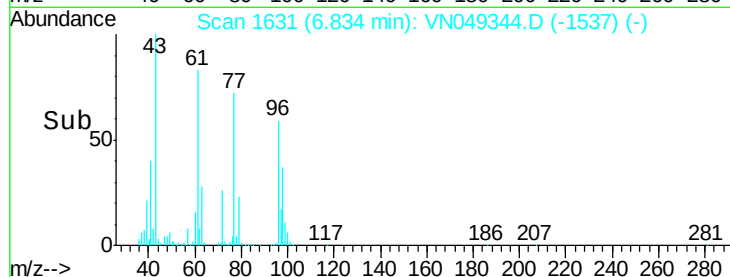
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	316.4
98	64.7	0.0	128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049344.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049344.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049344.D (-1537) (-)



#28

Bromochloromethane

Concen: 21.05 ug/l

RT: 7.20 min Scan# 1744

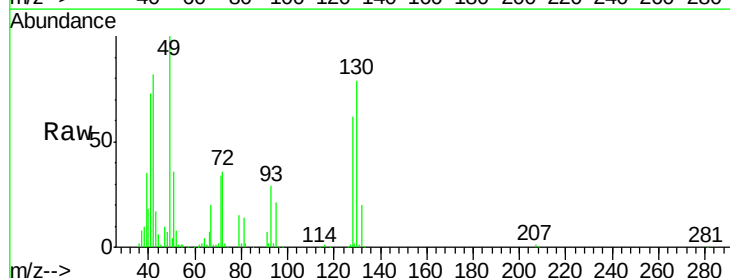
Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Tgt Ion: 49 Resp: 364973

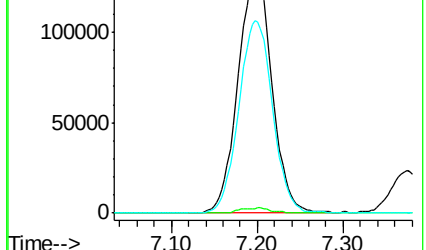
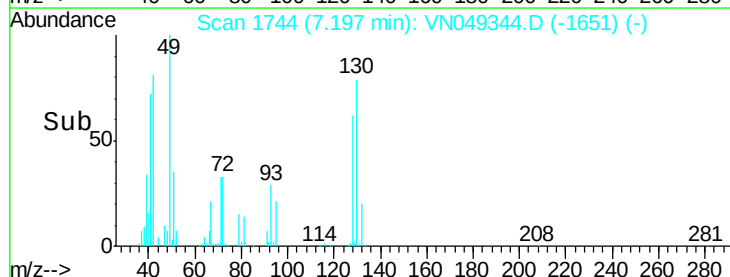
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	79.6	54.9	82.3

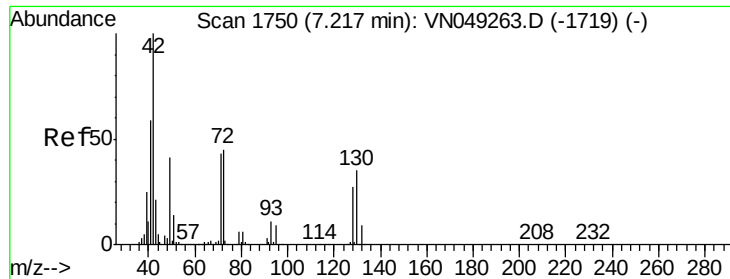


Abundance Ion 48.90 (48.60 to 49.60): VN049344.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049344.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049344.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 122.67 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

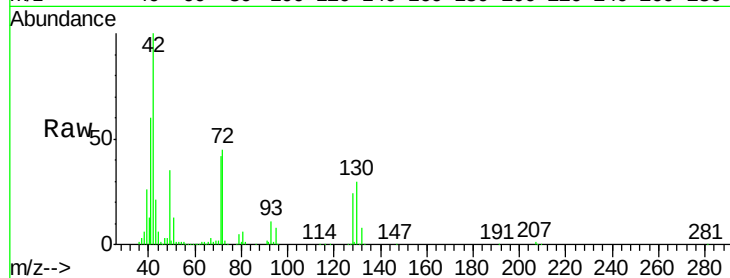
Tot Ion: 42 Resp: 576969

Ion Ratio Lower Upper

42 100

72 44.5 32.2 48.4

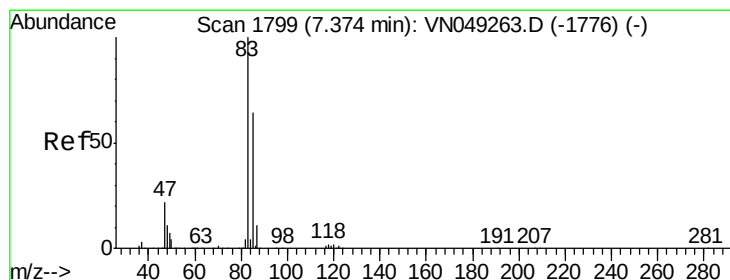
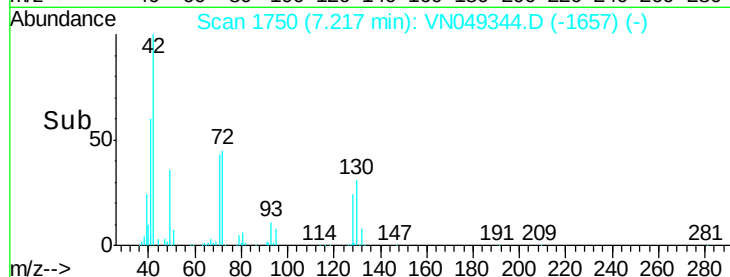
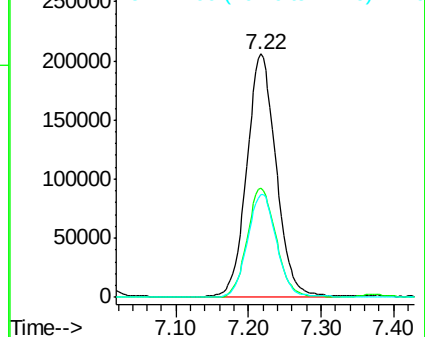
71 42.6 30.5 45.7



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: 21.23 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN049344.D

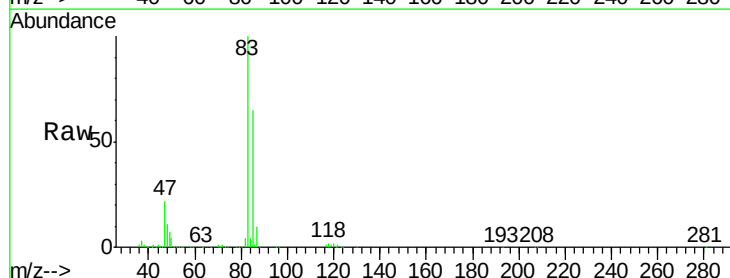
Acq: 18 Jun 2018 15:38

Tgt Ion: 83 Resp: 826192

Ion Ratio Lower Upper

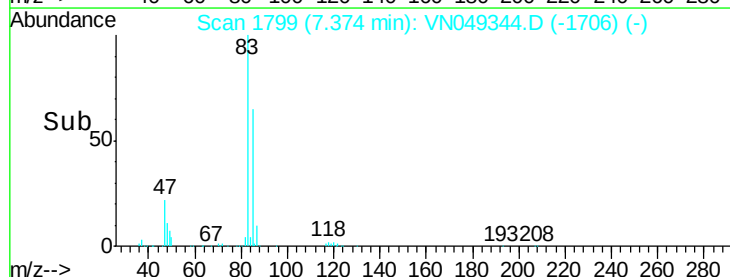
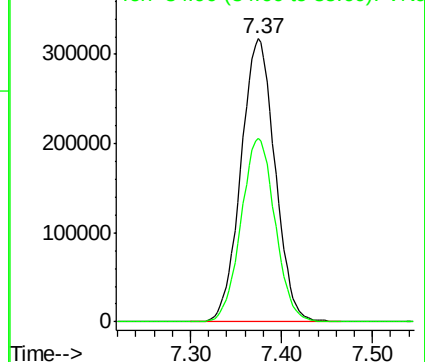
83 100

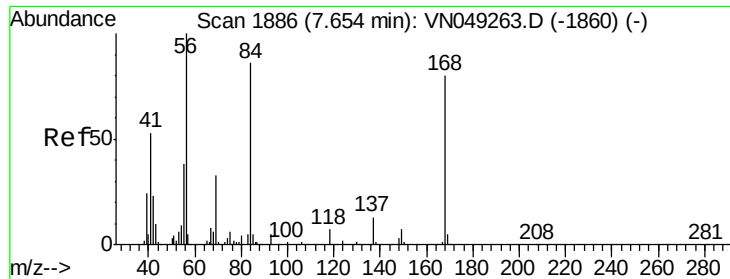
85 64.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

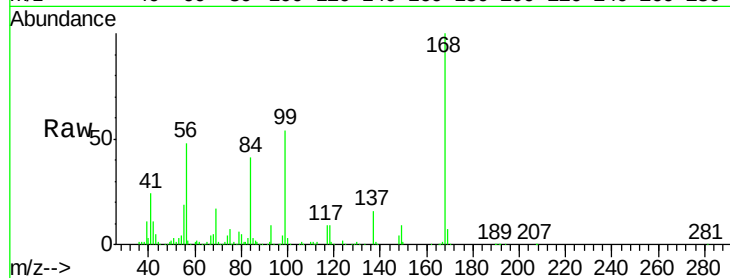




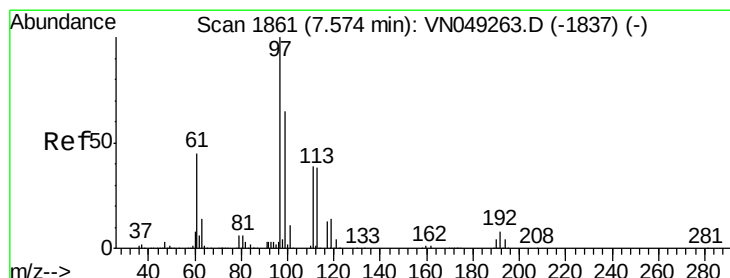
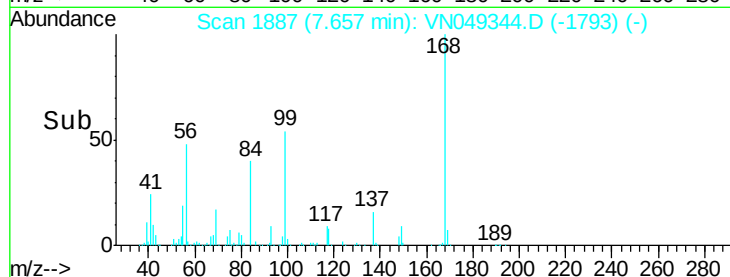
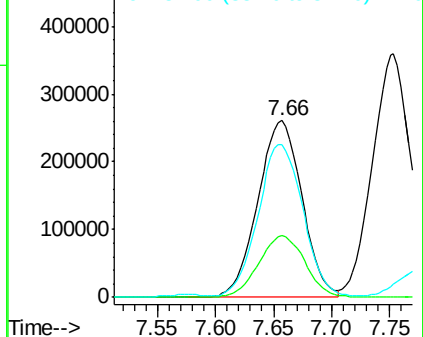
#31
Cyclohexane
Concen: 20.73 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 690471
Ion Ratio Lower Upper
56 100
69 35.2 25.0 37.4
84 84.6 64.6 96.8

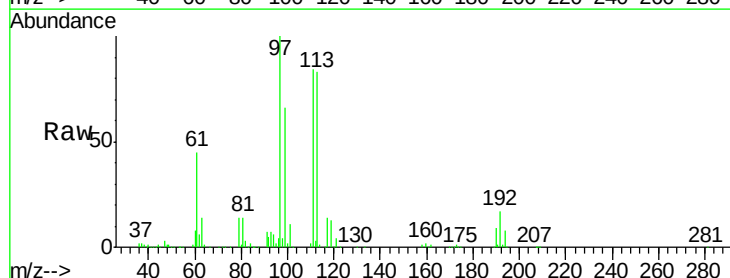


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

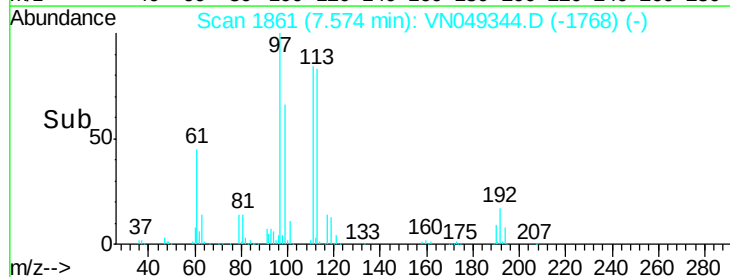
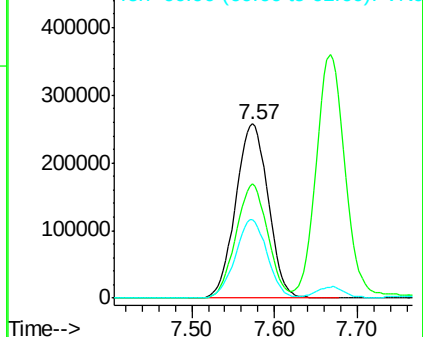


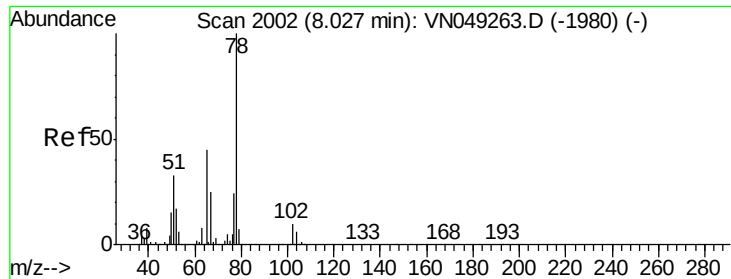
#32
1,1,1-Trichloroethane
Concen: 21.22 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 97 Resp: 704508
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 44.0 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

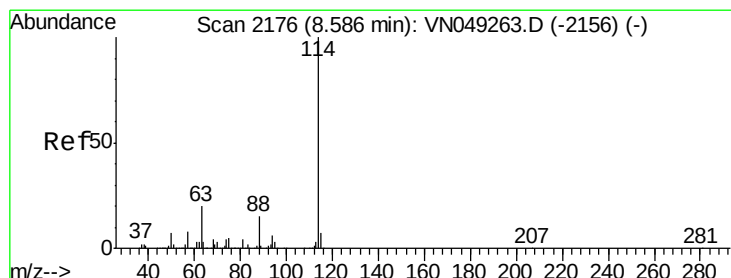
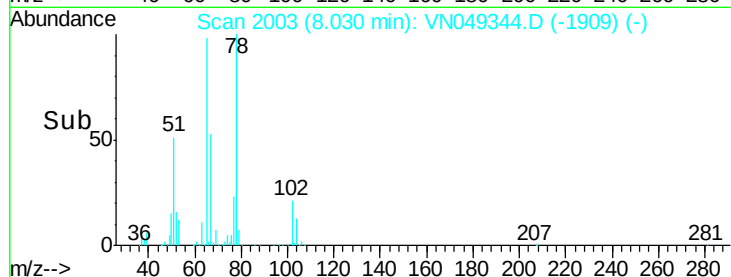
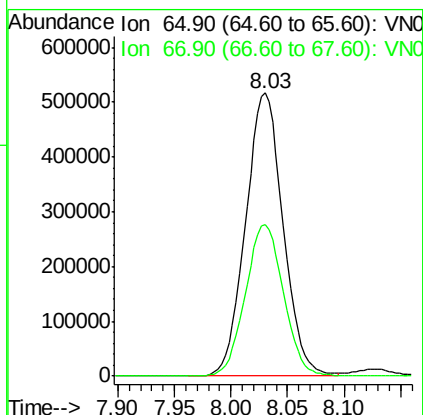
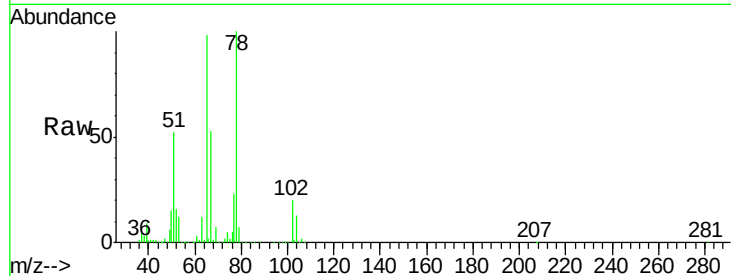




#33
 1,2-Dichloroethane-d4
 Concen: 53.14 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

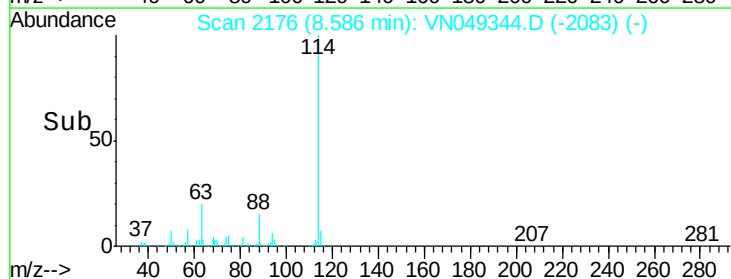
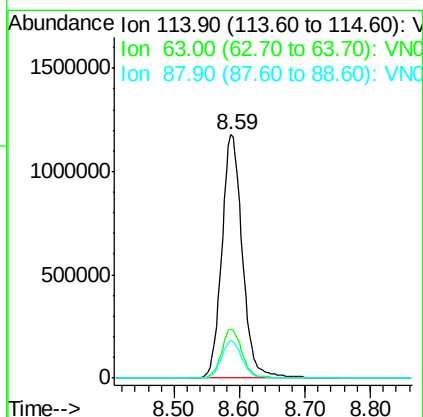
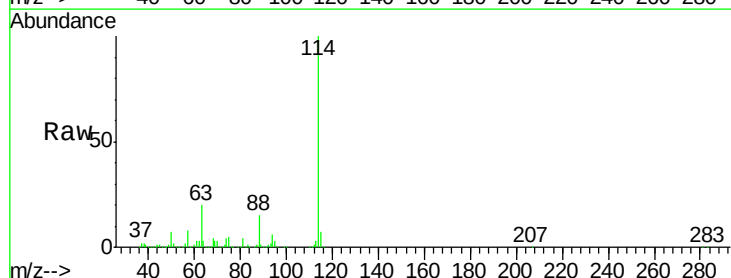
Instrument :
 MSVOA_N
 ClientSampled :

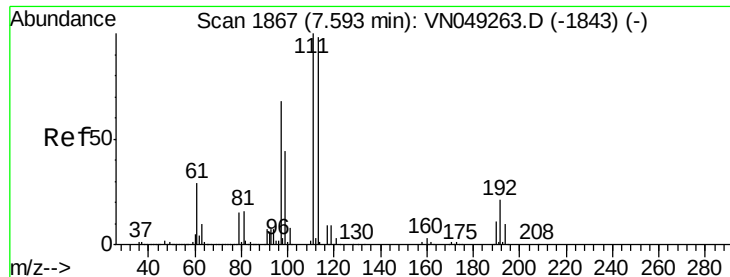
Tot Ion: 65 Resp: 1190875
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 114 Resp: 2573544
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.4
 88 15.2 0.0 31.4

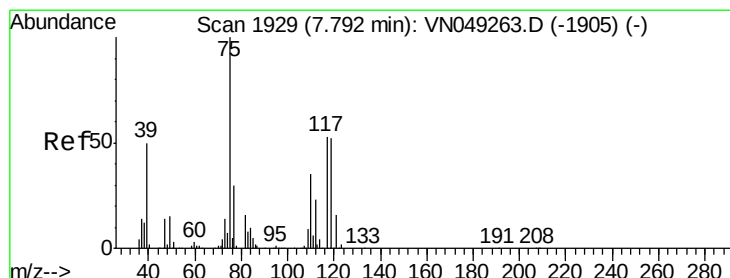
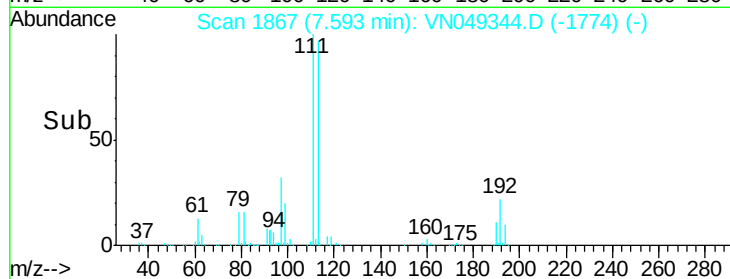
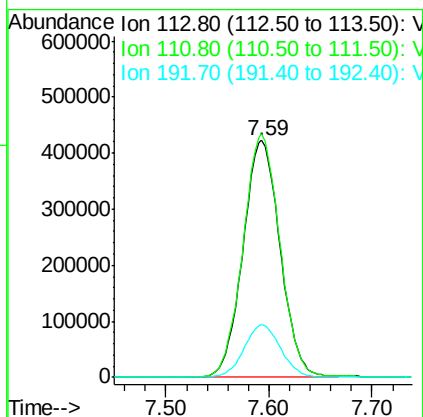
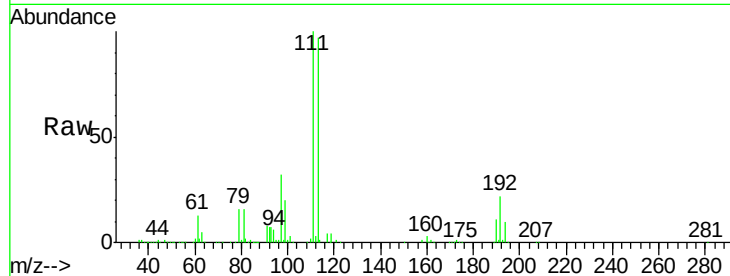




#35
 Dibromofluoromethane
 Concen: 50.68 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

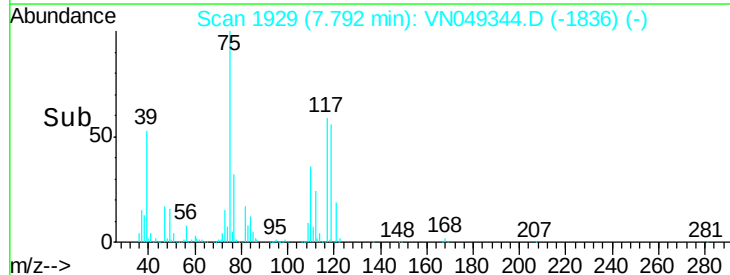
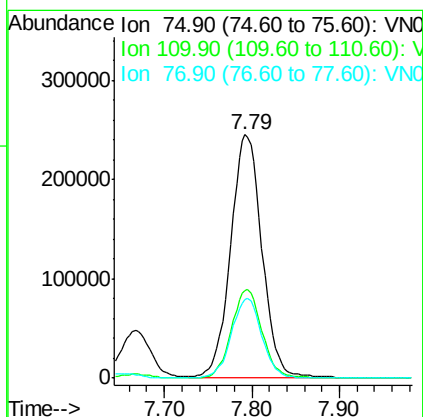
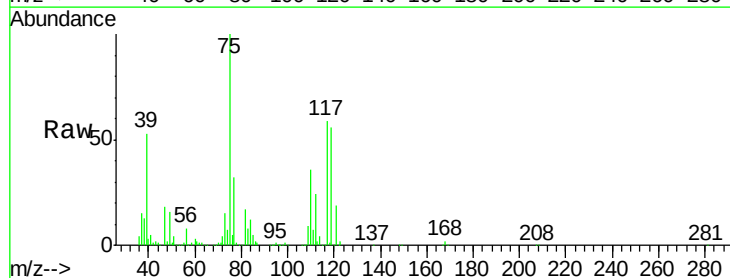
Instrument :
 MSVOA_N
 ClientSampled :

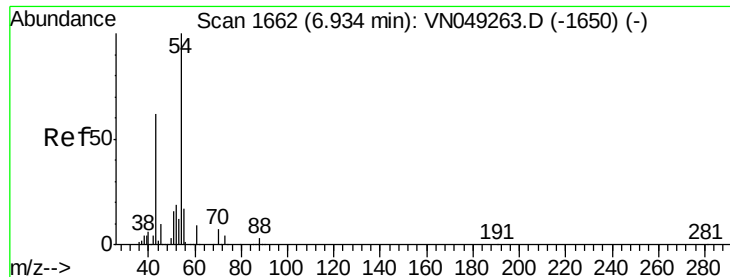
Tot Ion:113 Resp: 1055314
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 22.0 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 20.60 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 75 Resp: 607725
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.0 50.9
 77 31.8 24.4 36.6

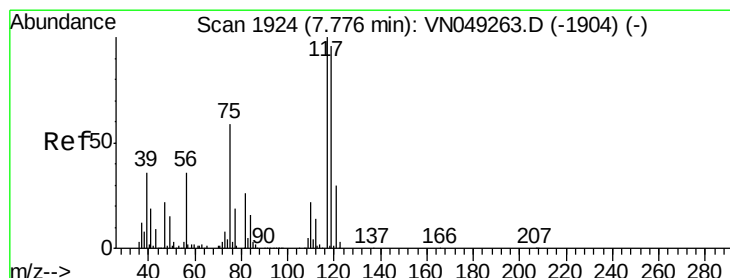
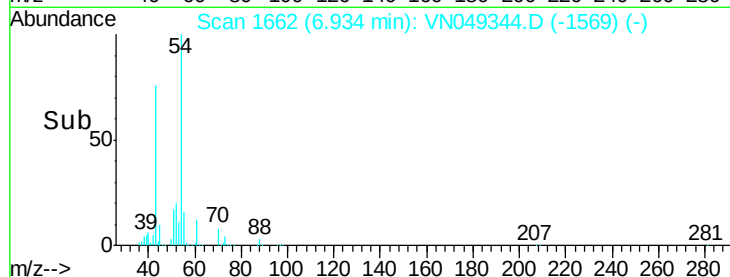
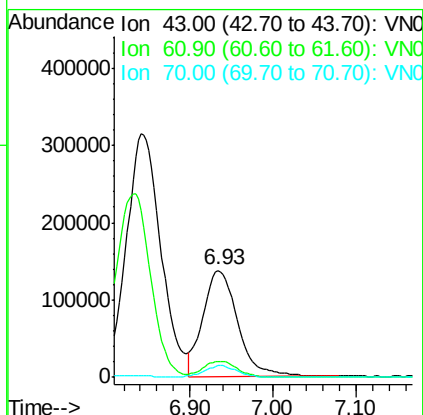
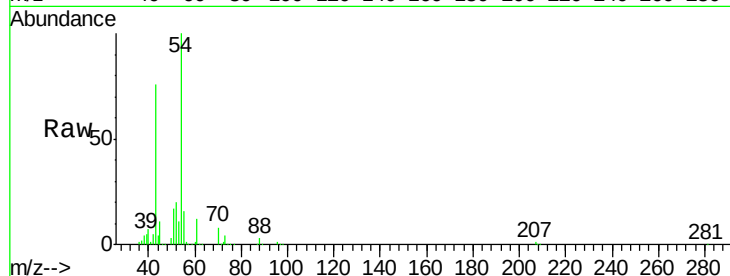




#37
Ethyl Acetate
Concen: 25.07 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

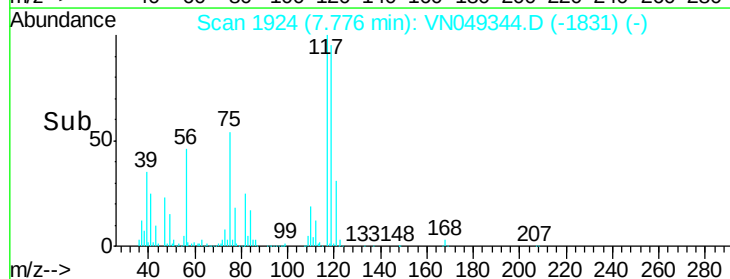
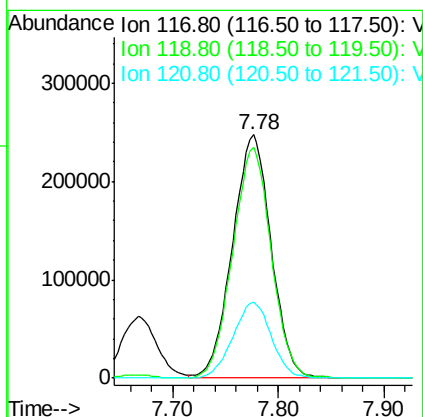
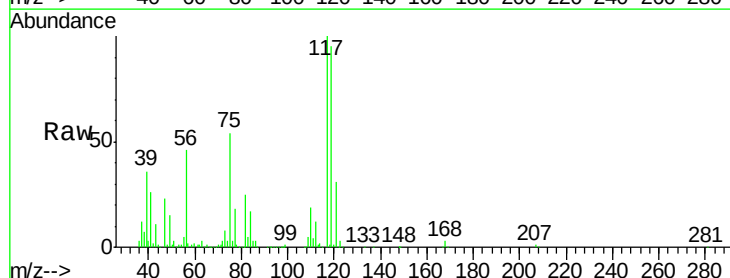
Instrument :
MSVOA_N
ClientSampled :

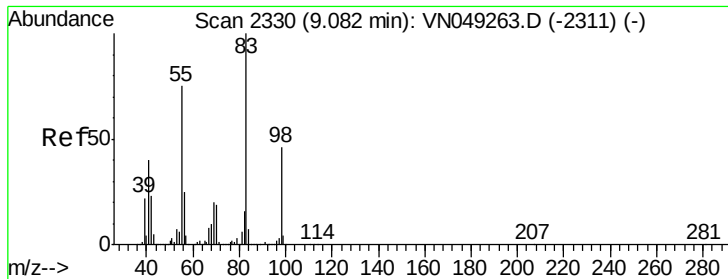
Tot Ion: 43 Resp: 401953
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.52 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 117 Resp: 626583
Ion Ratio Lower Upper
117 100
119 94.6 75.6 113.4
121 31.0 24.7 37.1

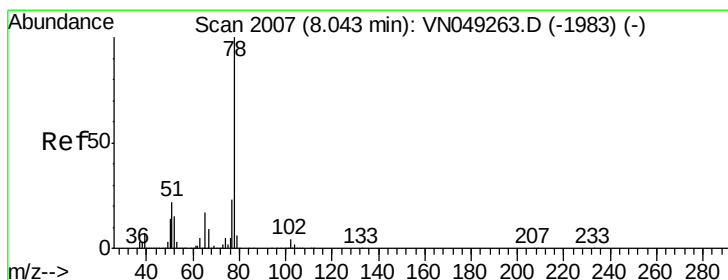
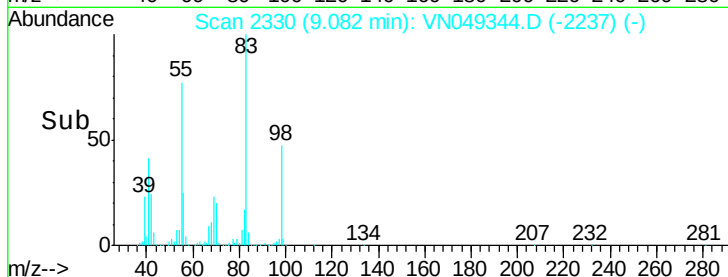
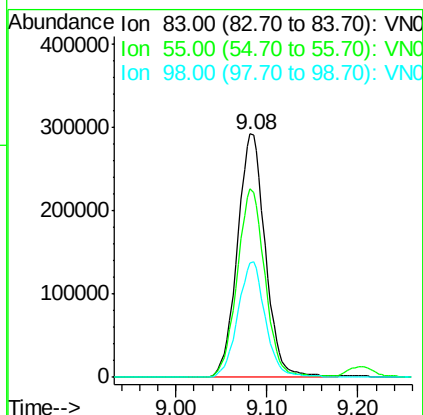
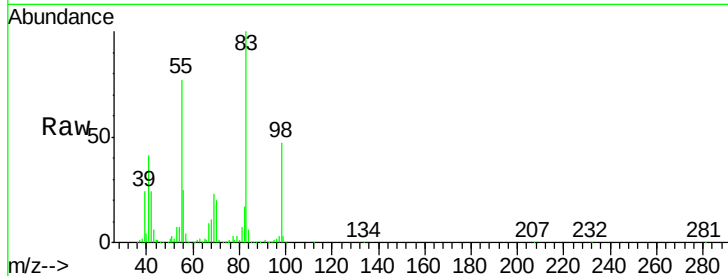




#39
Methylvlcyclohexane
Concen: 19.71 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

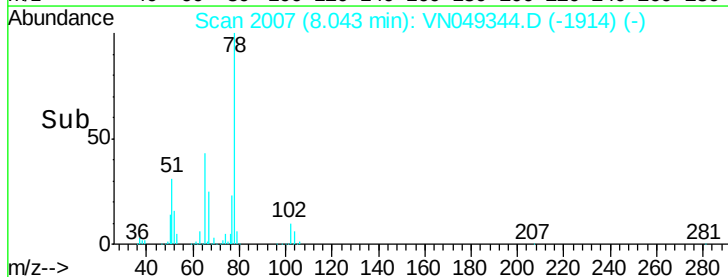
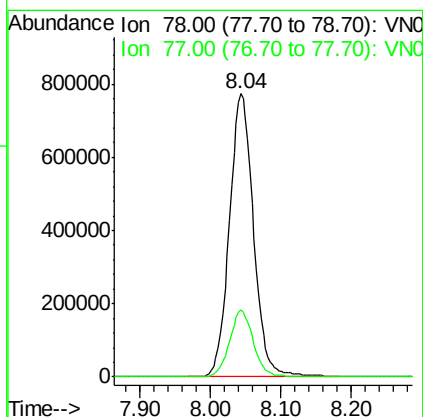
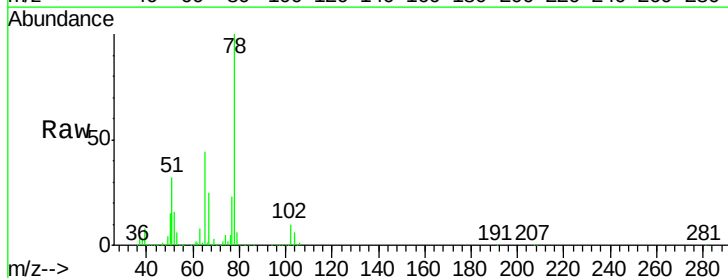
Instrument :
MSVOA_N
ClientSampleId :

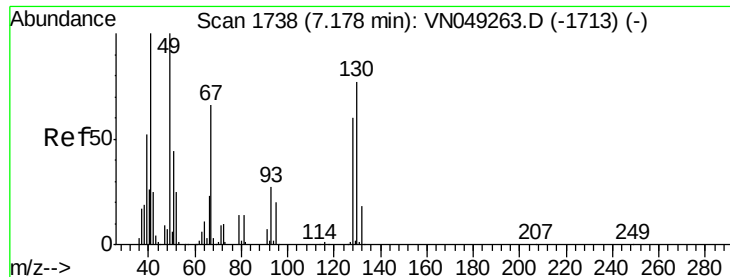
Tot Ion: 83 Resp: 624058
Ion Ratio Lower Upper
83 100
55 77.4 65.1 97.7
98 46.7 36.5 54.7



#40
Benzene
Concen: 20.46 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 78 Resp: 1850212
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

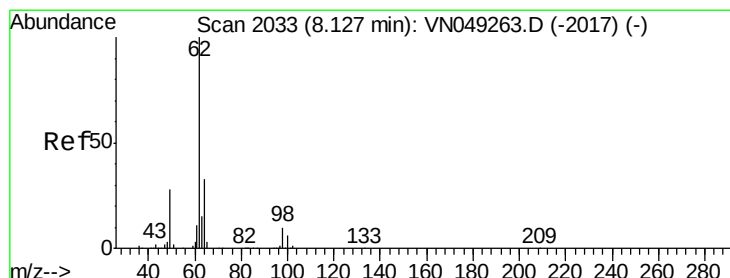
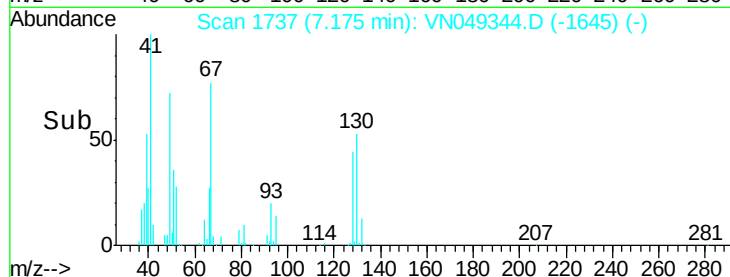
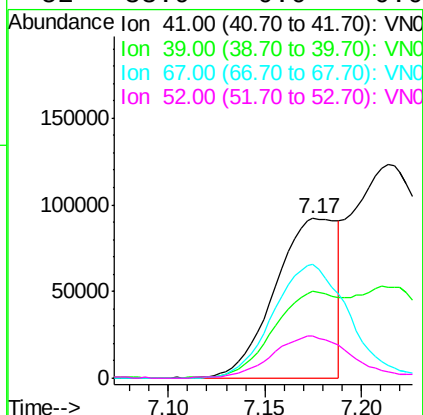
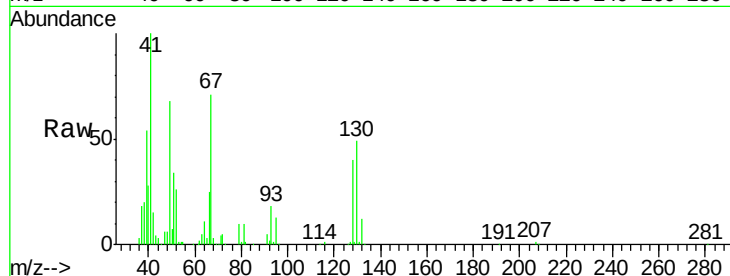




#41
Methacrylonitrile
Concen: 23.63 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

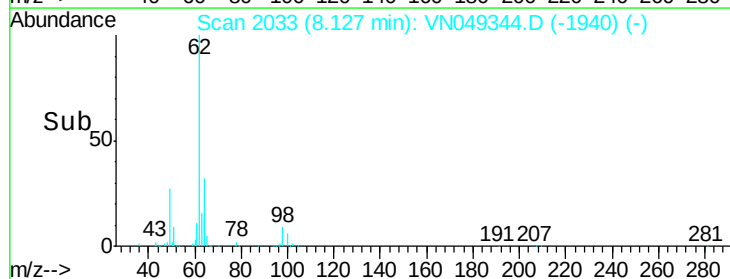
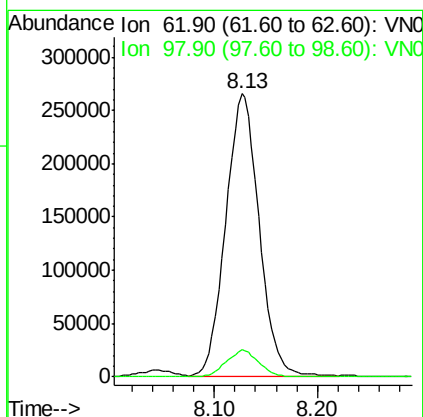
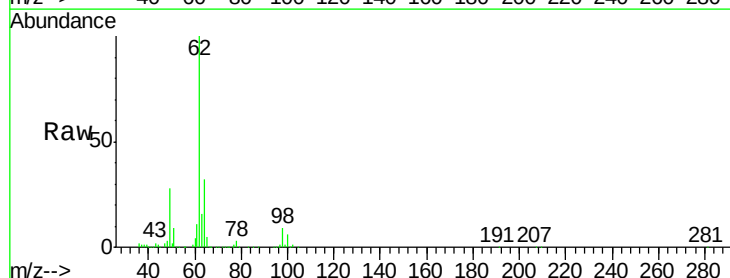
Instrument :
MSVOA_N
ClientSampled :

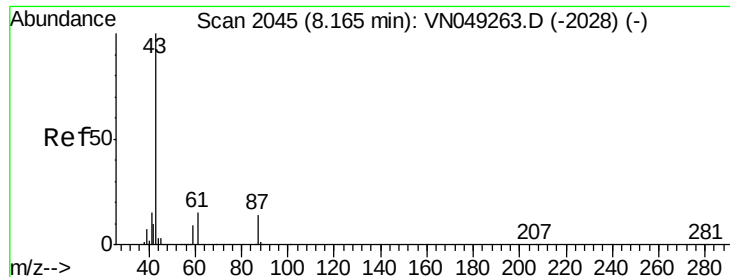
Tot Ion:	41	Resp:	204853
Ion	Ratio	Lower	Upper
41	100		
39	58.6	0.0	0.0#
67	89.8	0.0	0.0#
52	33.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.31 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion:	62	Resp:	595440
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 26.83 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

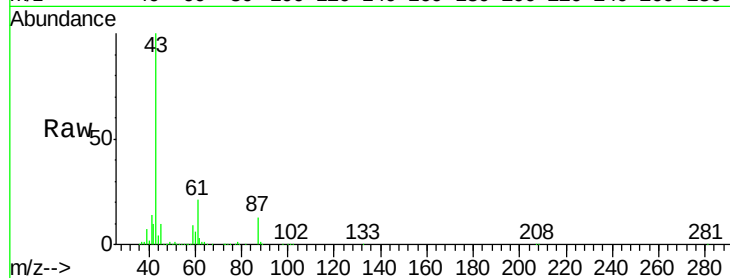
Tot Ion: 43 Resp: 822023

Ion Ratio Lower Upper

43 100

61 26.4 14.2 21.4#

87 11.8 9.4 14.0

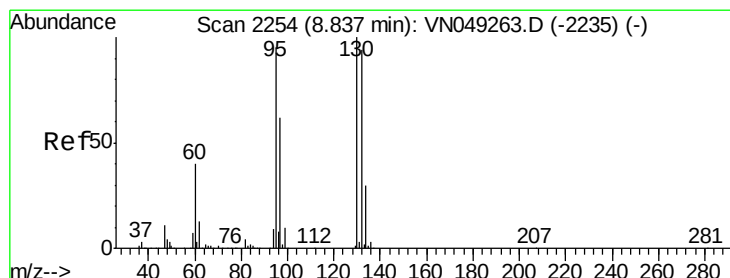
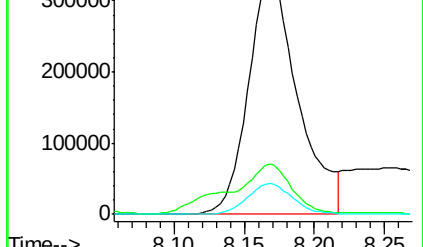
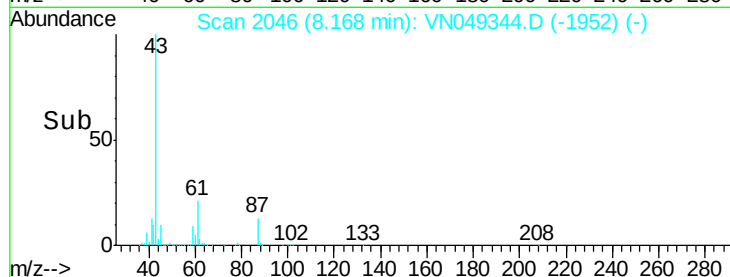


Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)

Time-->



#44

Trichloroethene

Concen: 20.30 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049344.D

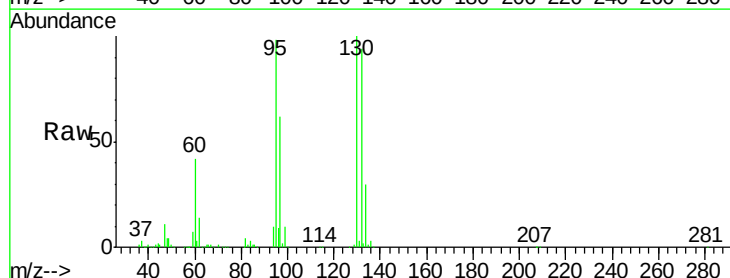
Acq: 18 Jun 2018 15:38

Tgt Ion:130 Resp: 484733

Ion Ratio Lower Upper

130 100

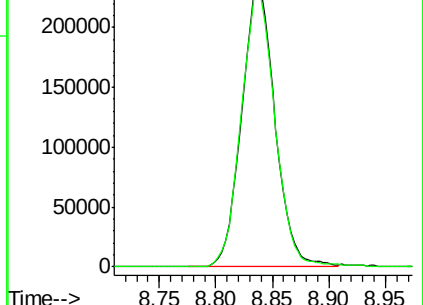
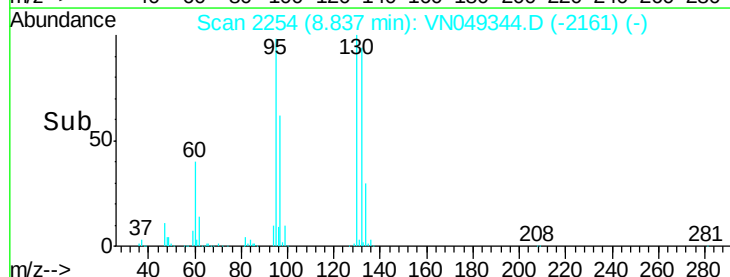
95 97.8 0.0 208.6

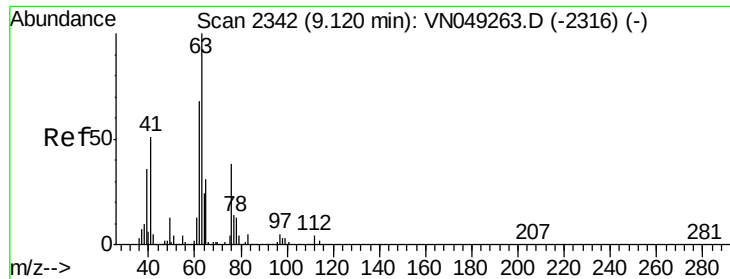


Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

Ion 94.90 (94.60 to 95.60): VN049263.D (-2235) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 20.88 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

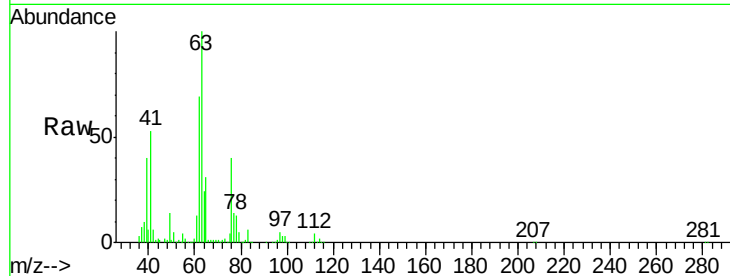
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 494255

Ion Ratio Lower Upper

63 100

65 31.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN049344.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN049344.D (-2249) (-)

9.12

250000

200000

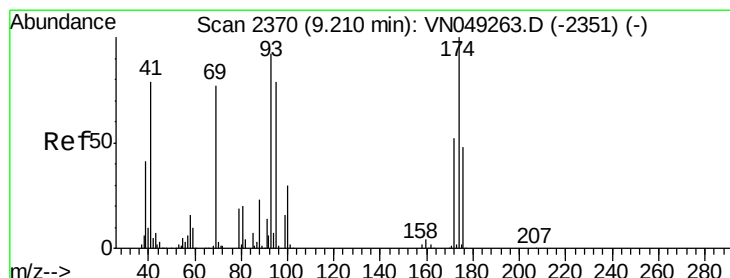
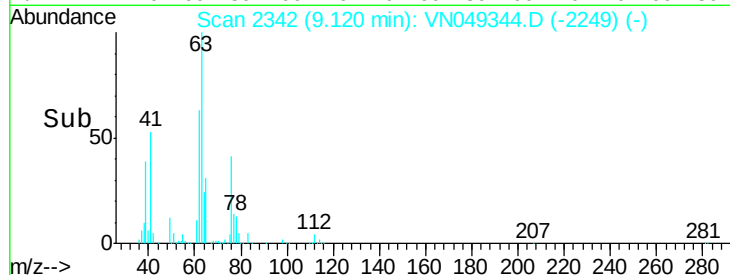
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 21.18 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

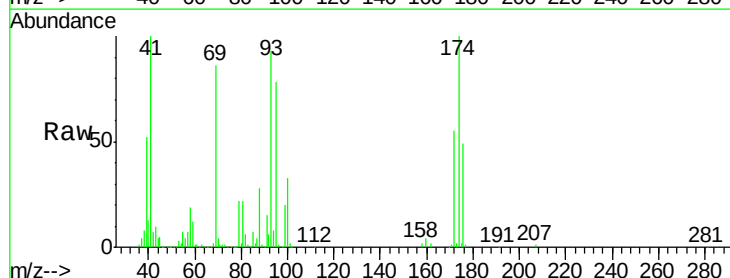
Tgt Ion: 93 Resp: 290744

Ion Ratio Lower Upper

93 100

95 84.4 67.2 100.8

174 109.6 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN049344.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049344.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049344.D (-2277) (-)

200000

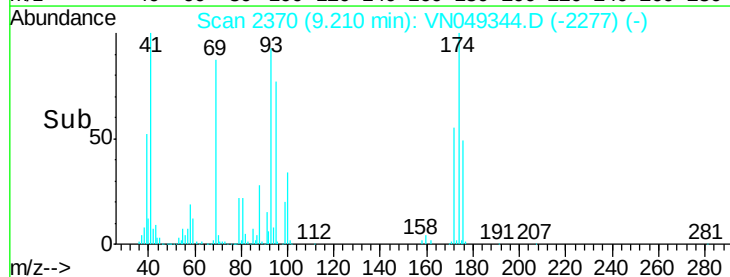
150000

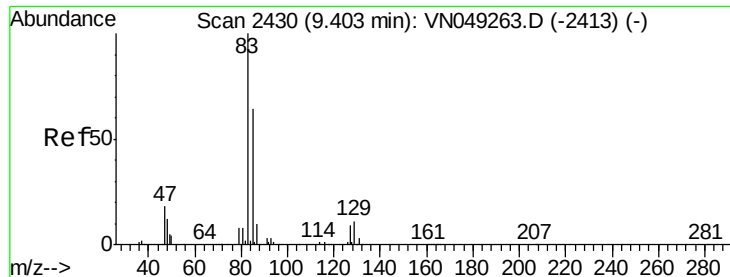
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 20.98 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :
MSVOA_N
ClientSampled :

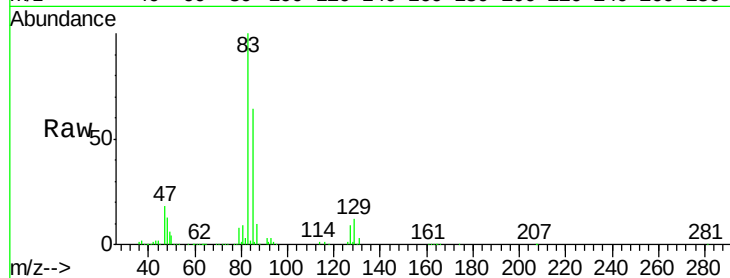
Tot Ion: 83 Resp: 632899

Ion Ratio Lower Upper

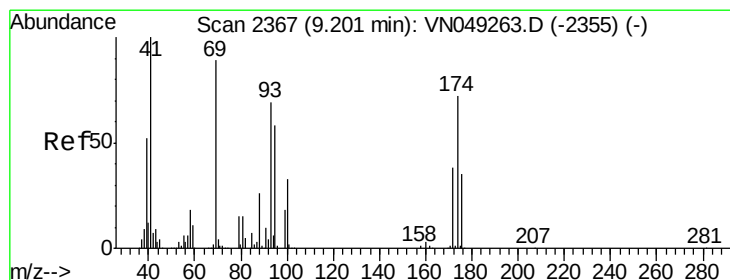
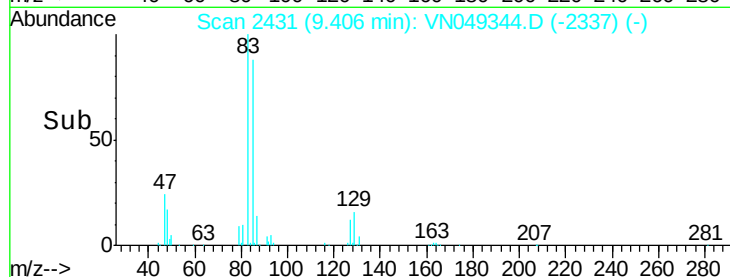
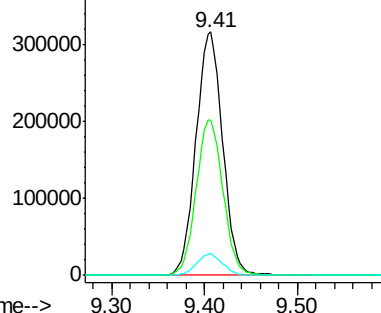
83 100

85 63.8 49.4 74.0

127 8.9 6.3 9.5



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



#48

Methyl methacrylate

Concen: 24.30 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

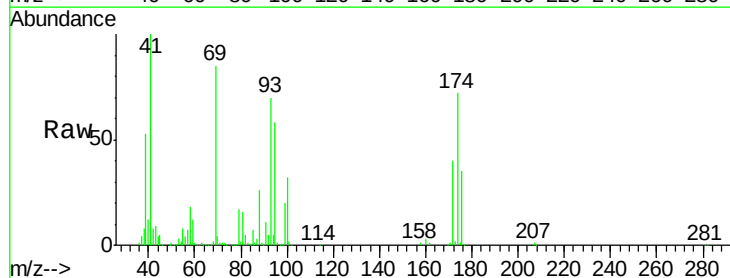
Tgt Ion: 41 Resp: 350619

Ion Ratio Lower Upper

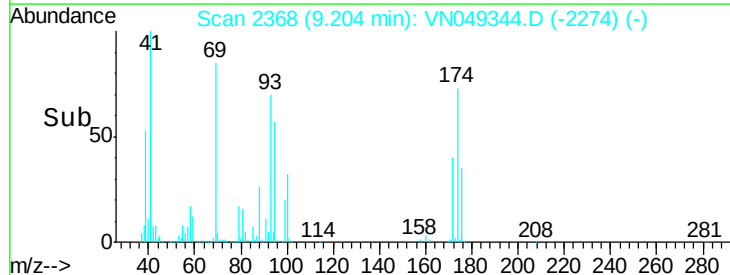
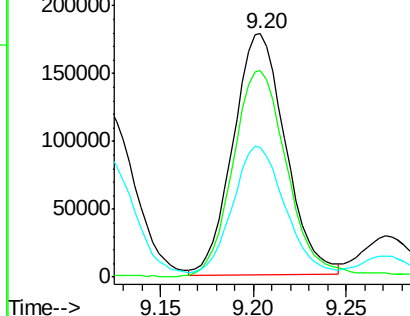
41 100

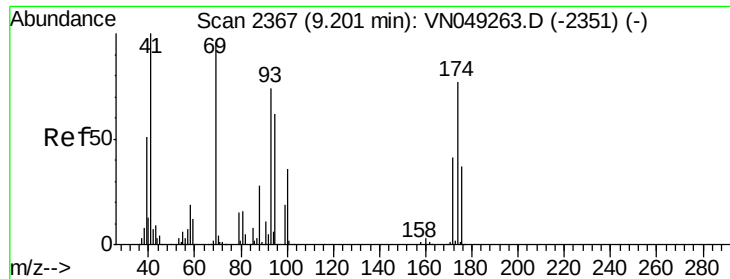
69 88.5 62.0 93.0

39 54.5 50.6 75.8



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





#49

1,4-Dioxane

Concen: 492.32 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :
MSVOA_N
ClientSampleId :

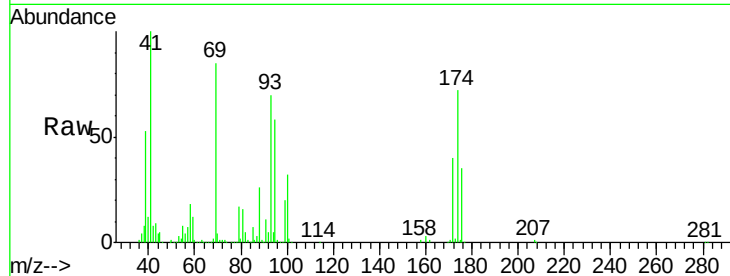
Tot Ion: 88 Resp: 98032

Ion Ratio Lower Upper

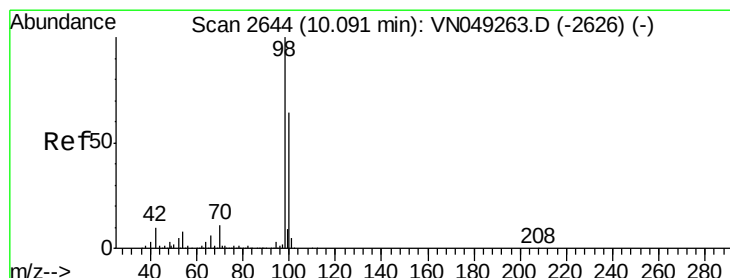
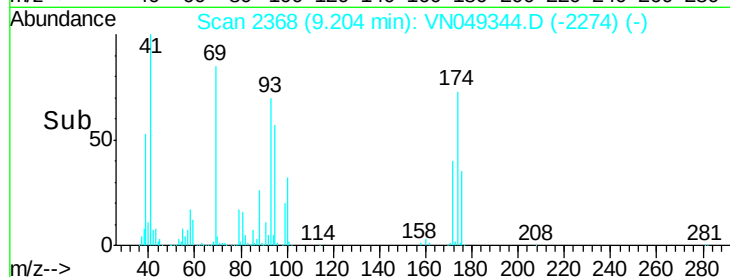
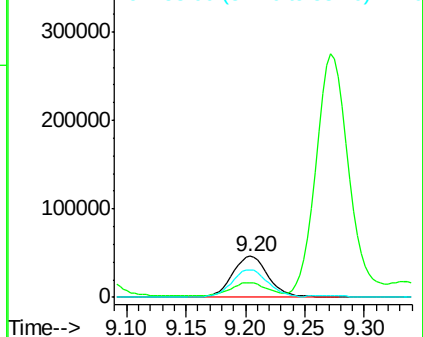
88 100

43 31.4 30.9 46.3

58 67.7 58.9 88.3



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



#50

Toluene-d8

Concen: 50.13 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049344.D

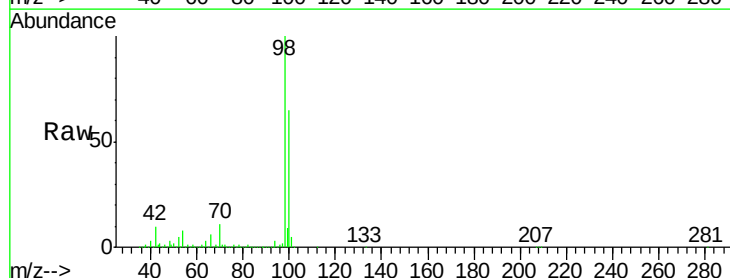
Acq: 18 Jun 2018 15:38

Tgt Ion: 98 Resp: 3974655

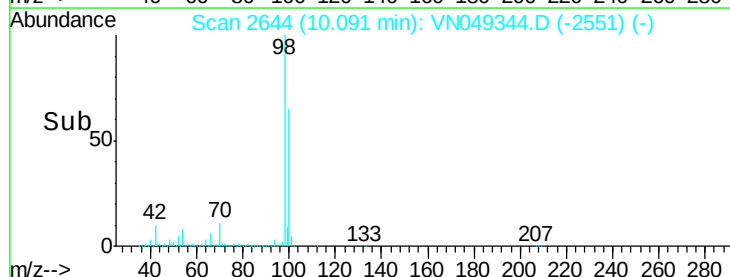
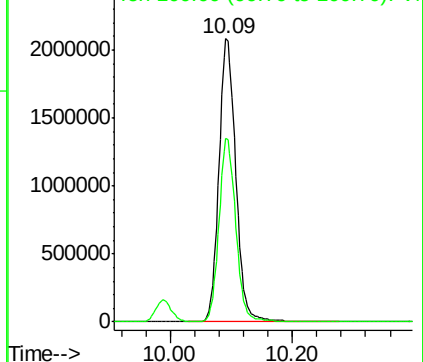
Ion Ratio Lower Upper

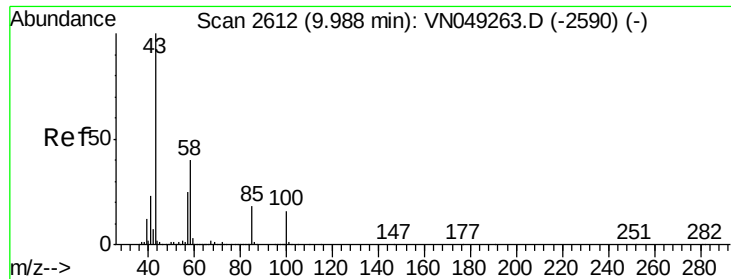
98 100

100 64.7 49.8 74.8



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





#51

4-Methyl-2-Pentanone

Concen: 122.42 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

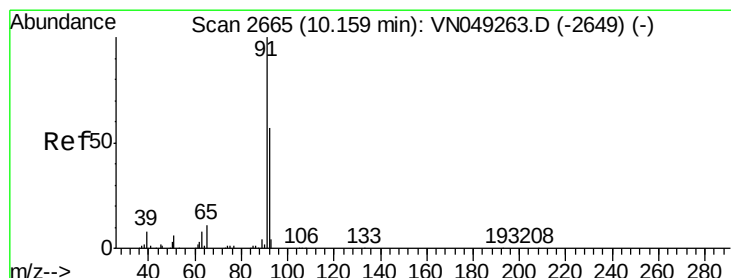
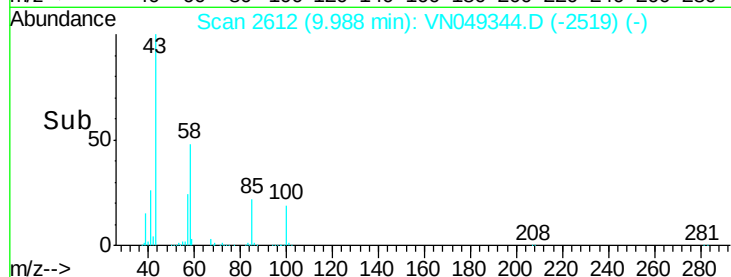
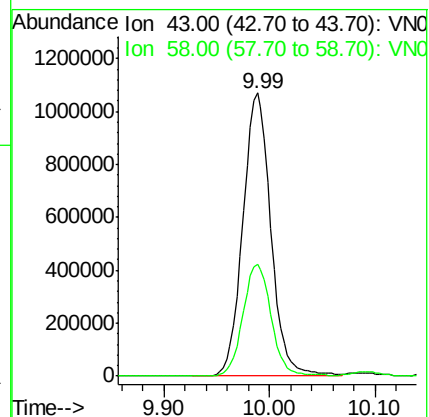
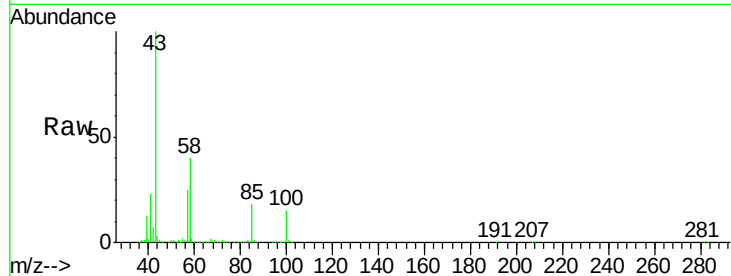
ClientSampled :

Tot Ion: 43 Resp: 1965765

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 21.26 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN049344.D

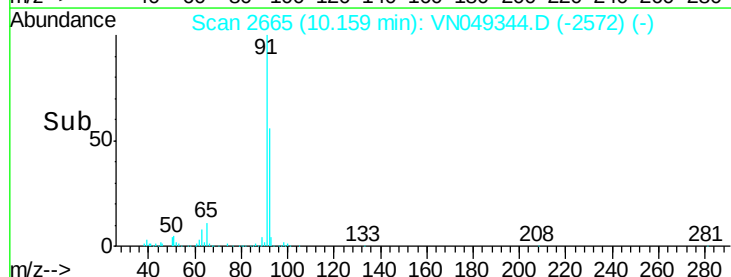
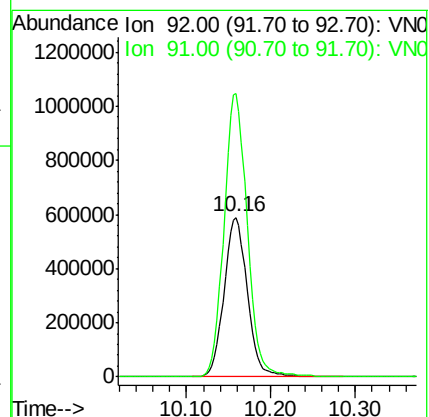
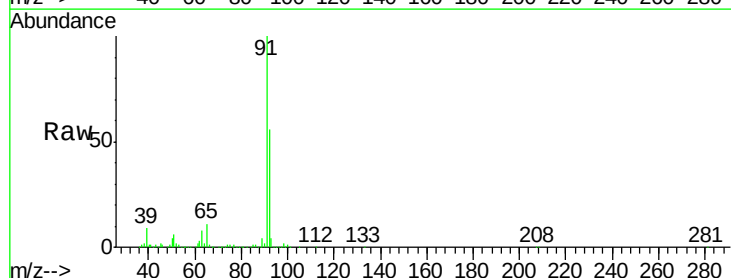
Acq: 18 Jun 2018 15:38

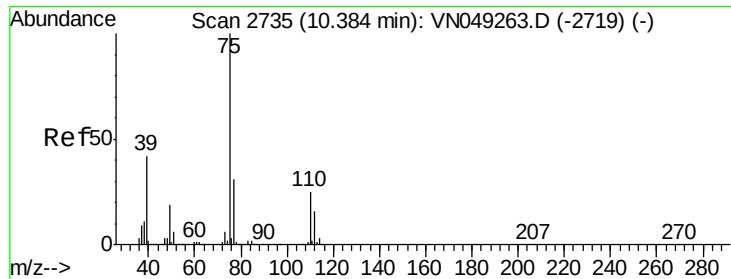
Tgt Ion: 92 Resp: 1128171

Ion Ratio Lower Upper

92 100

91 177.6 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 21.70 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

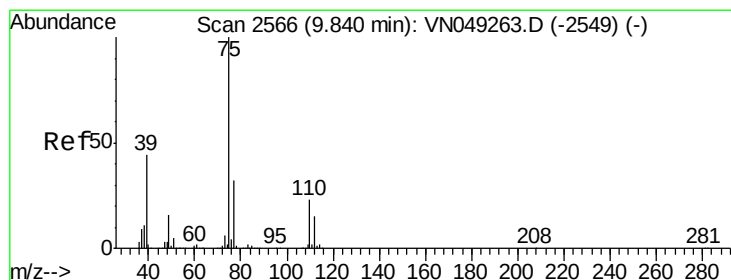
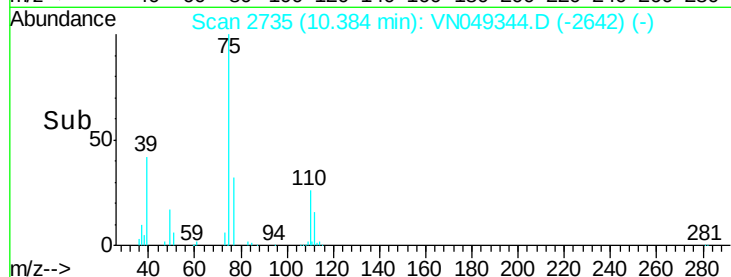
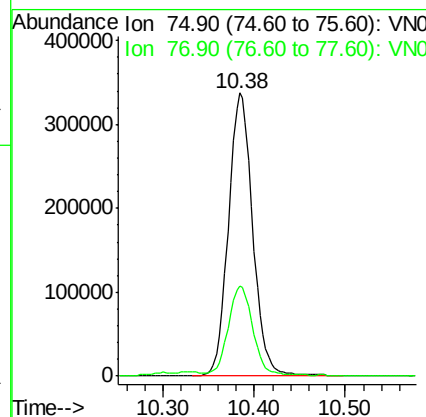
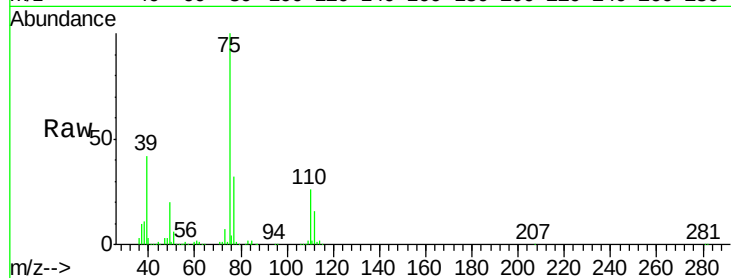
ClientSampleId :

Tot Ion: 75 Resp: 626318

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.34 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

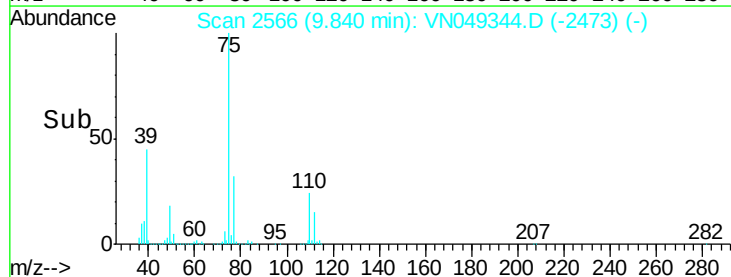
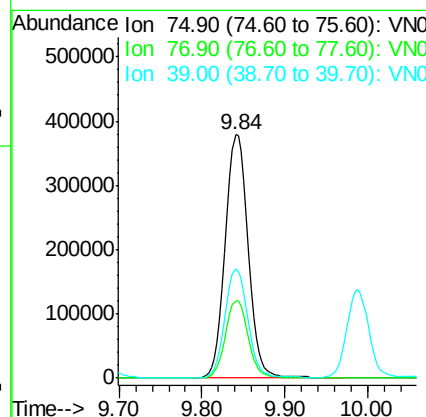
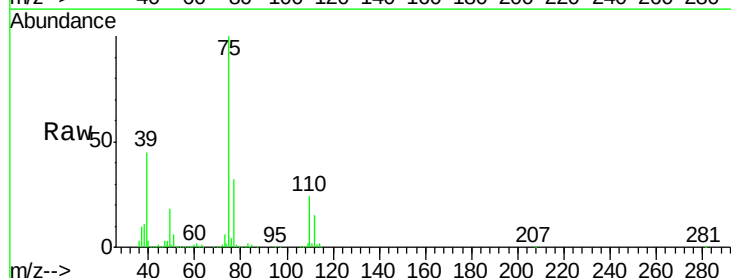
Tgt Ion: 75 Resp: 727210

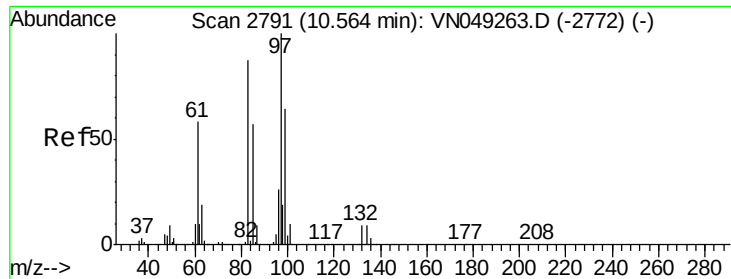
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 44.8 45.1 67.7#

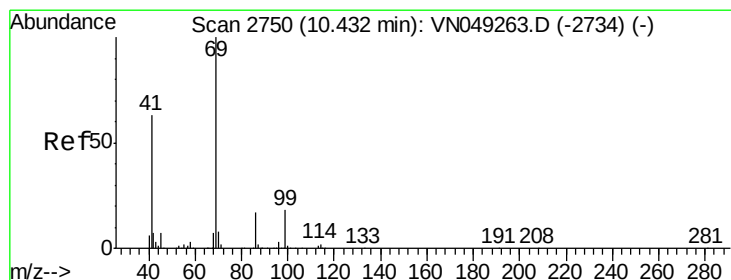
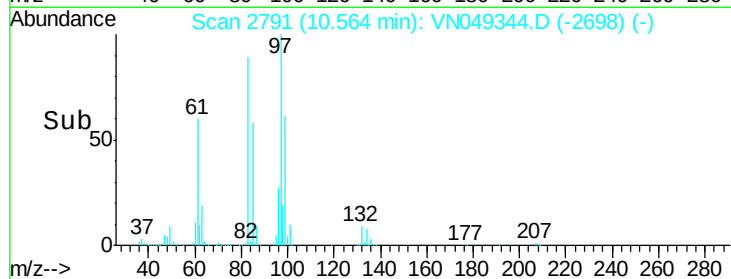
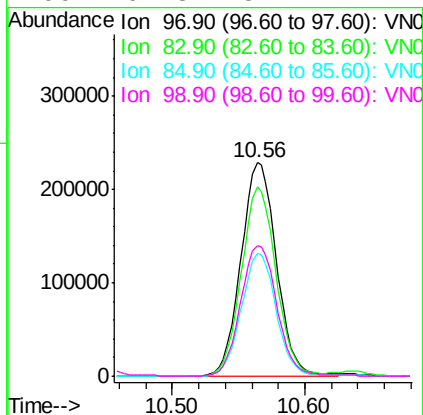
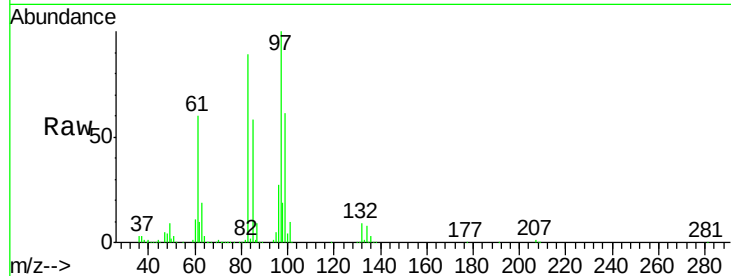




#55
 1,1,2-Trichloroethane
 Concen: 21.45 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

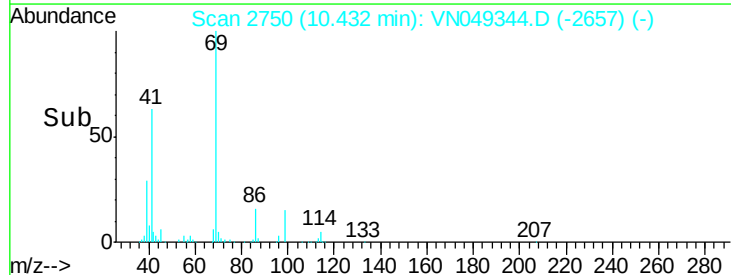
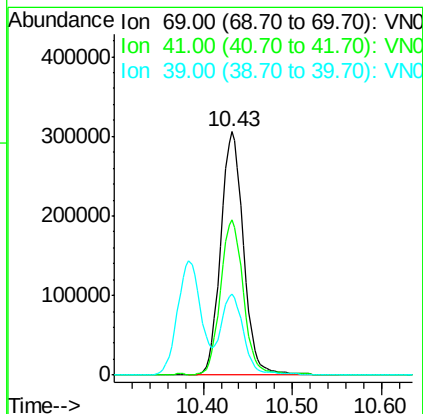
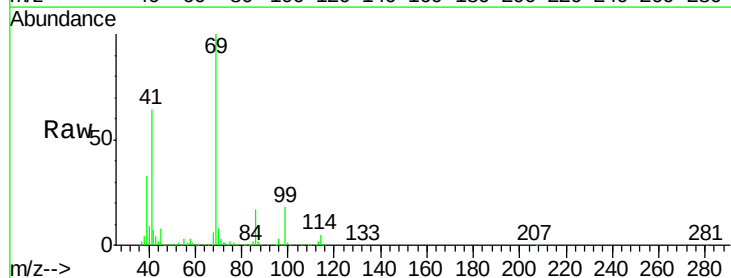
Instrument :
 MSVOA_N
 ClientSampleId :

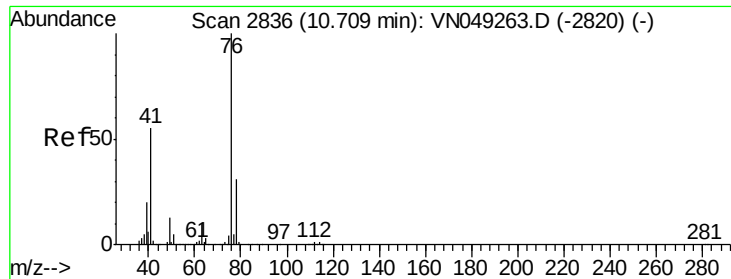
Tot Ion: 97 Resp: 424332
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.5 107.3
 85 57.6 47.0 70.4
 99 61.3 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 23.75 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 69 Resp: 542125
 Ion Ratio Lower Upper
 69 100
 41 63.4 58.4 87.6
 39 33.1 35.5 53.3#

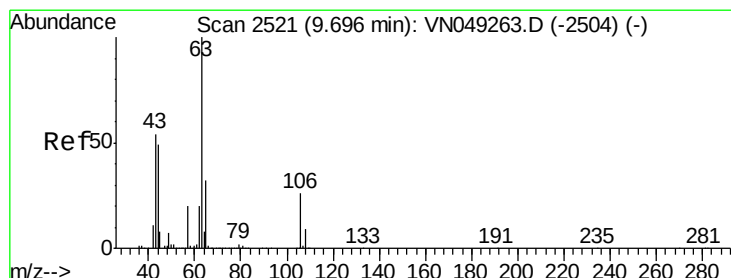
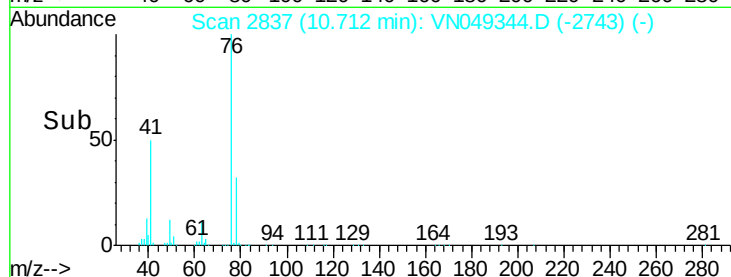
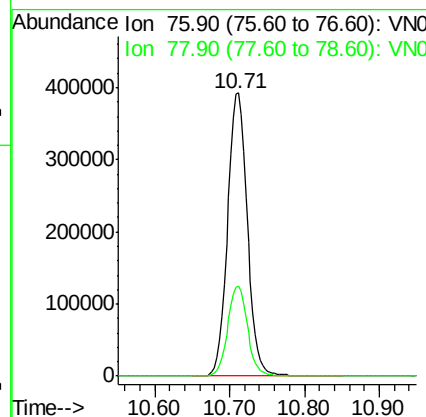
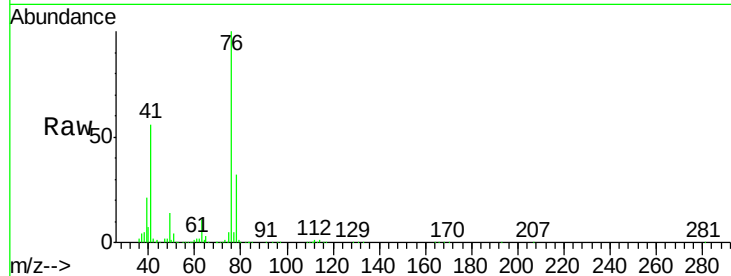




#57
 1,3-Dichloropropane
 Concen: 21.76 ug/l
 RT: 10.71 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

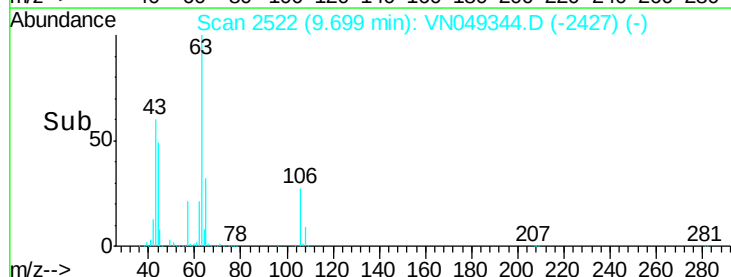
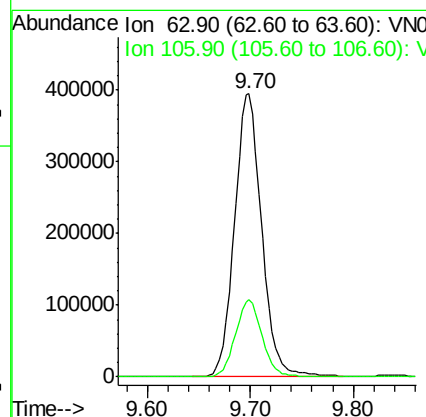
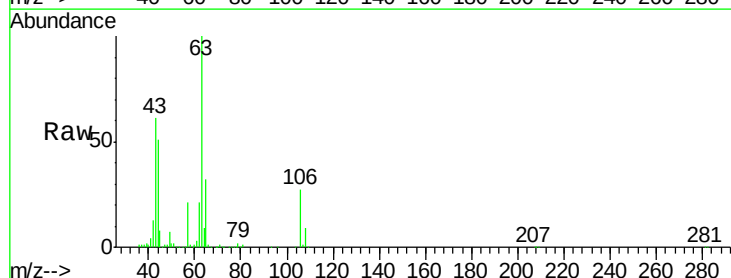
Instrument :
 MSVOA_N
 ClientSampled :

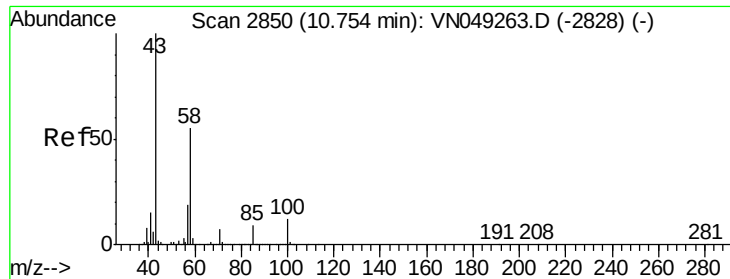
Tot Ion: 76 Resp: 713318
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.17 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion: 63 Resp: 725770
 Ion Ratio Lower Upper
 63 100
 106 26.7 19.4 29.2

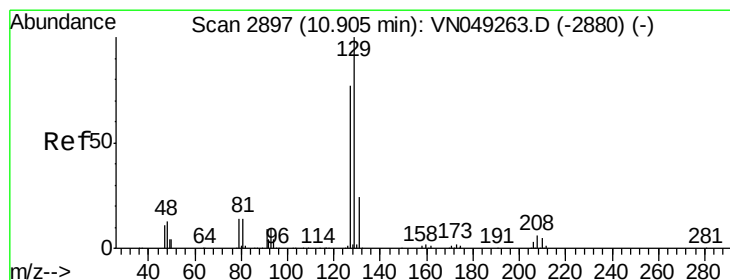
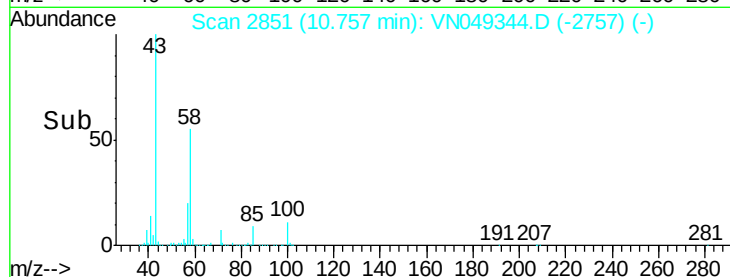
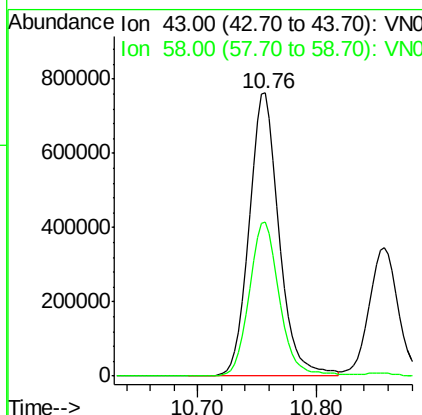
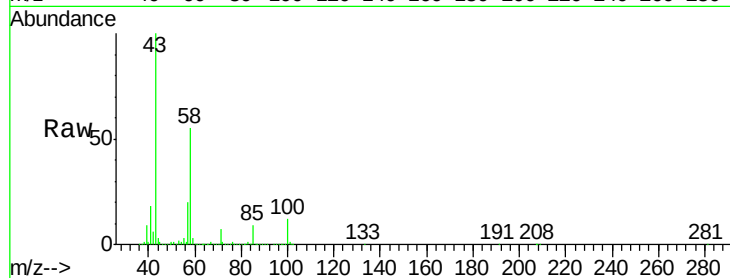




#59
2-Hexanone
Concen: 127.69 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

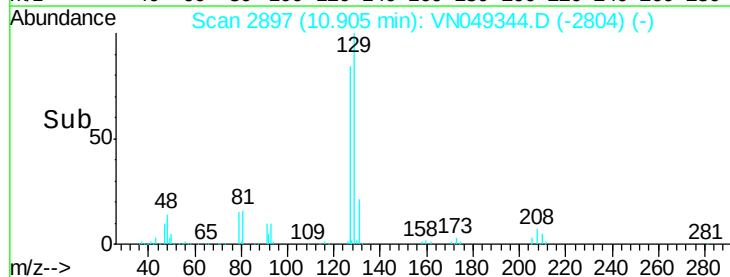
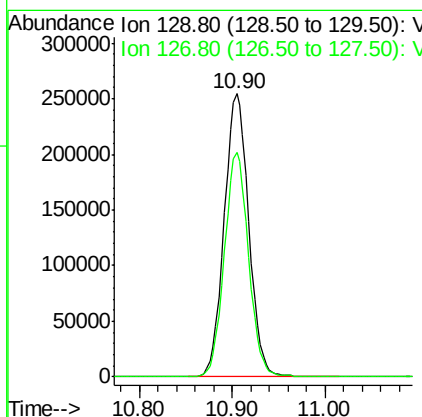
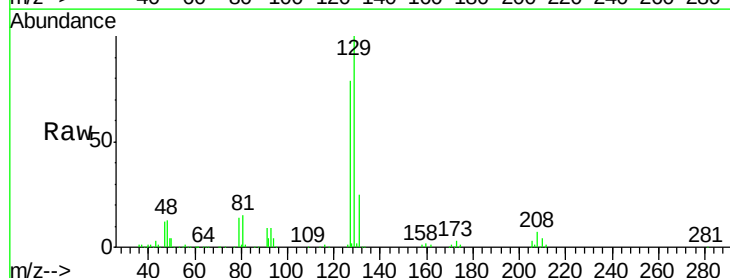
Instrument :
MSVOA_N
ClientSampleId :

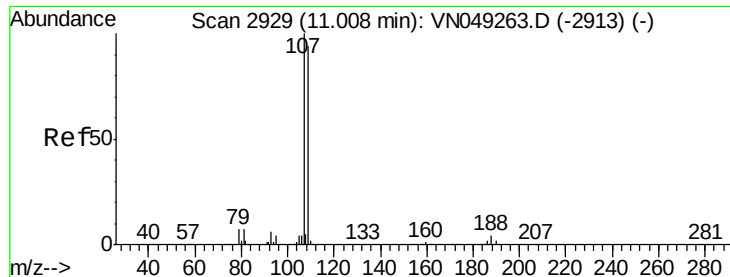
Tot Ion: 43 Resp: 1321872
Ion Ratio Lower Upper
43 100
58 55.2 25.2 75.6



#60
Dibromochloromethane
Concen: 21.17 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 129 Resp: 467430
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.33 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

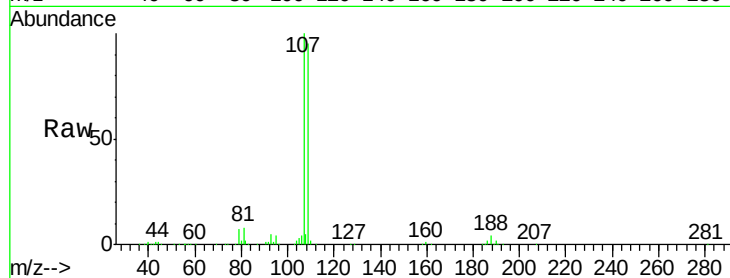
ClientSampled :

Tot Ion:107 Resp: 410715

Ion Ratio Lower Upper

107 100

109 93.9 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

250000

200000

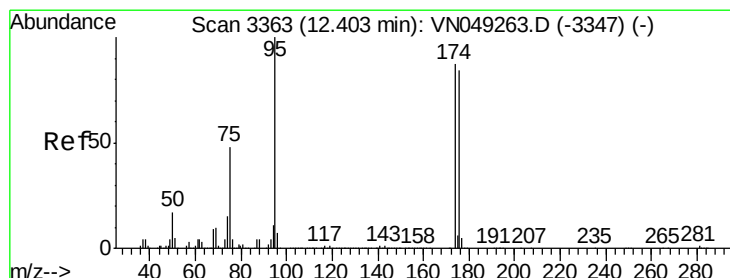
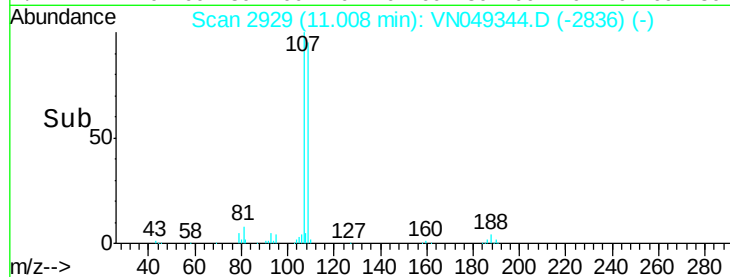
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

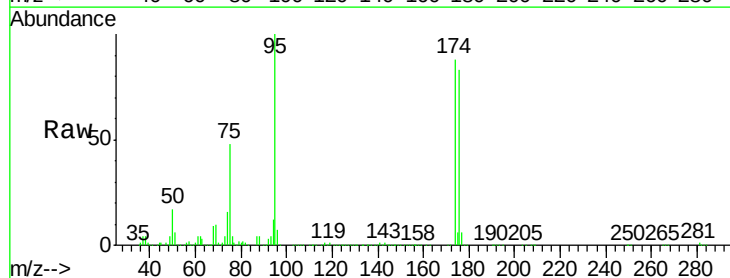
Tgt Ion: 95 Resp: 1321941

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 85.5 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

1000000

800000

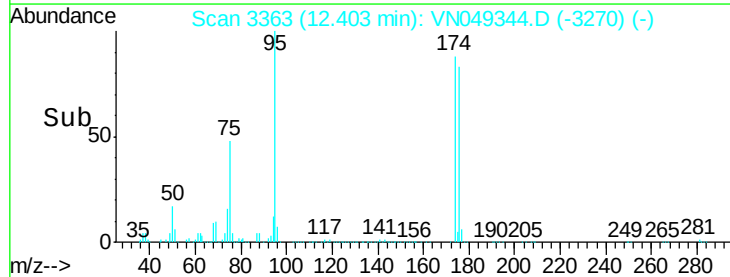
600000

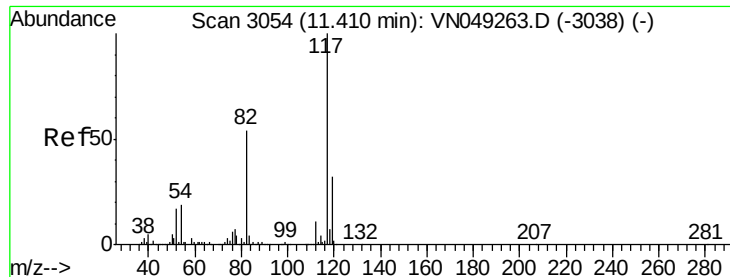
400000

200000

0

Time-->

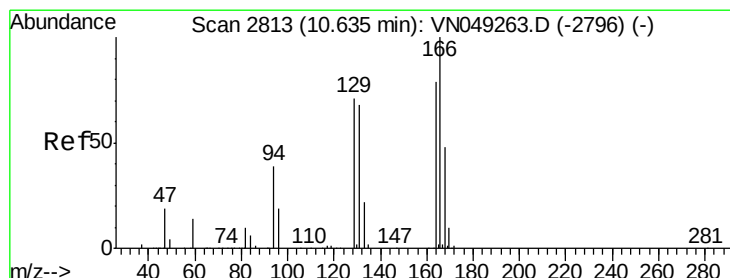
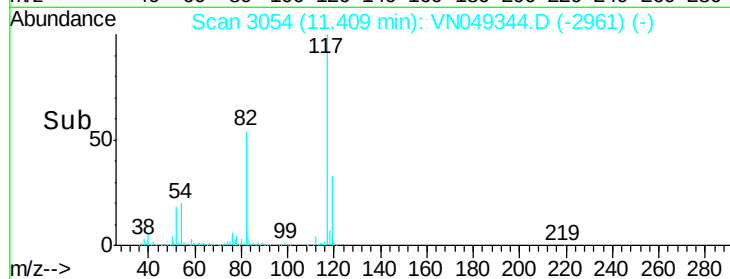
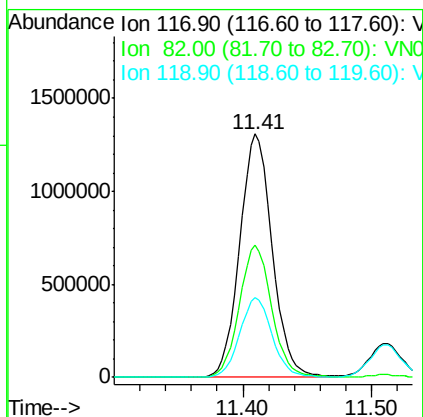
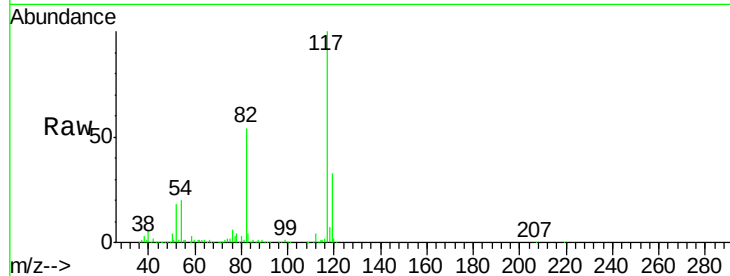




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

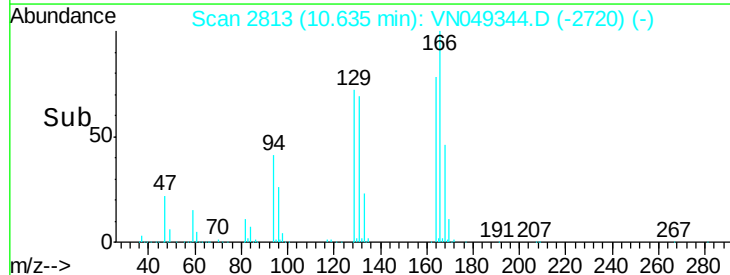
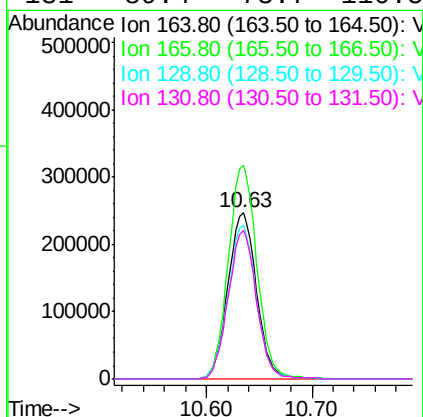
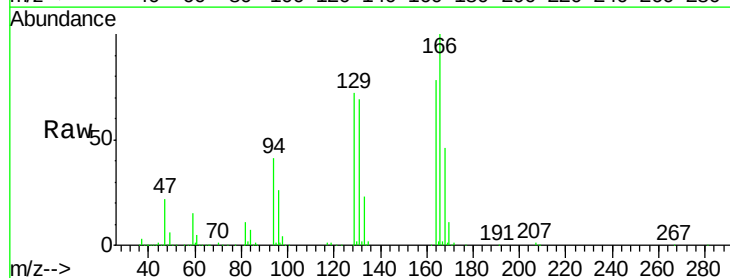
Instrument :
MSVOA_N
ClientSampleId :

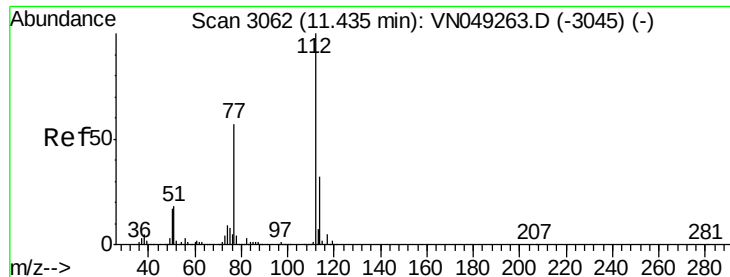
Tot Ion:117 Resp: 2299539
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.59 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion:164 Resp: 461514
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.2
129 92.5 74.1 111.1
131 89.4 73.7 110.5





#65

Chlorobenzene

Concen: 20.90 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

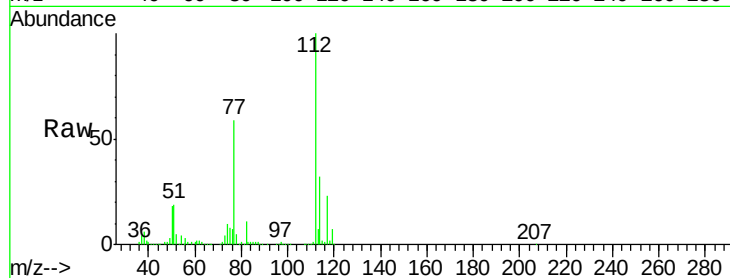
ClientSampleId :

Tot Ion:112 Resp: 1237881

Ion Ratio Lower Upper

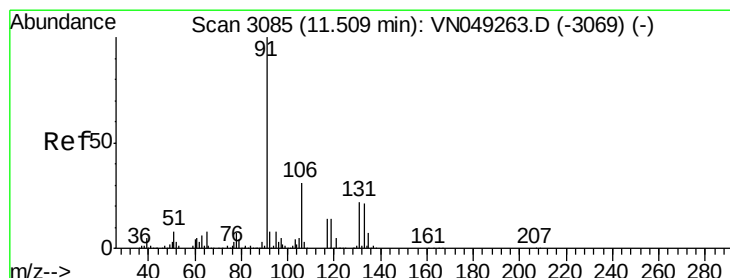
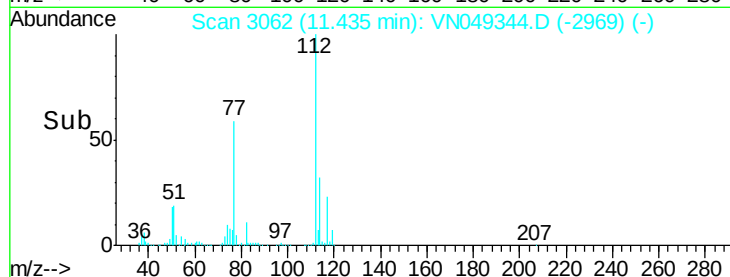
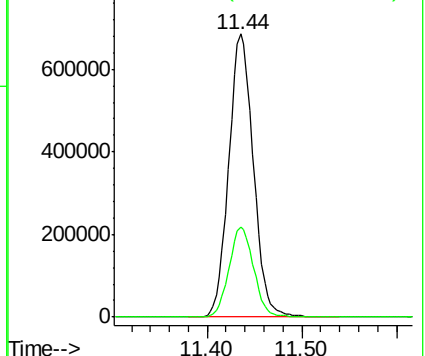
112 100

114 31.8 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: 20.86 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

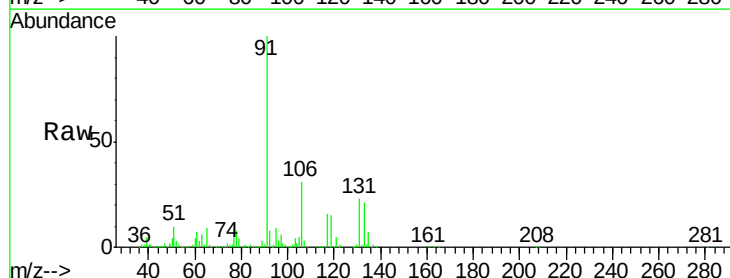
Tgt Ion:131 Resp: 465056

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

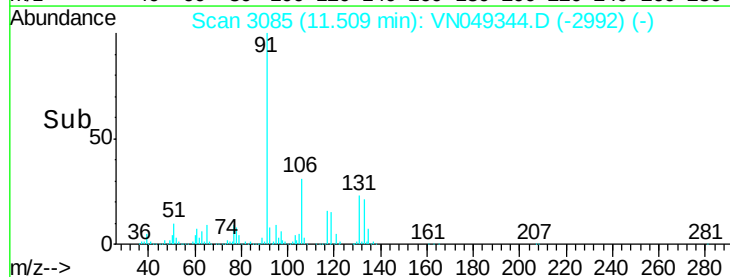
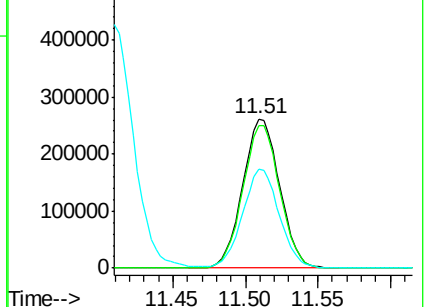
119 65.9 33.6 100.8

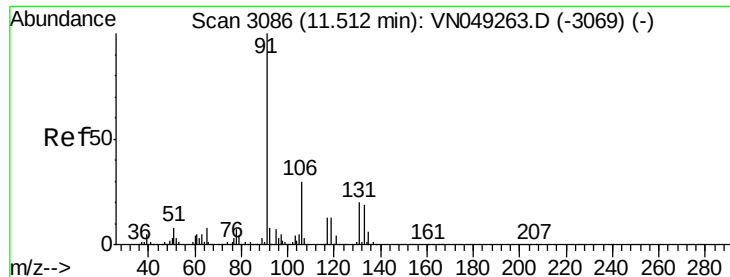


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.42 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

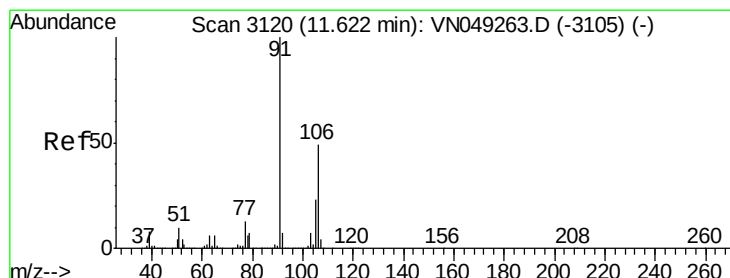
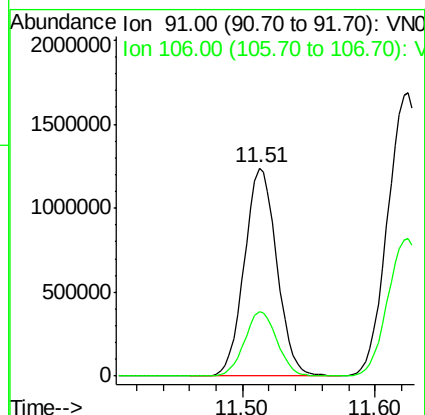
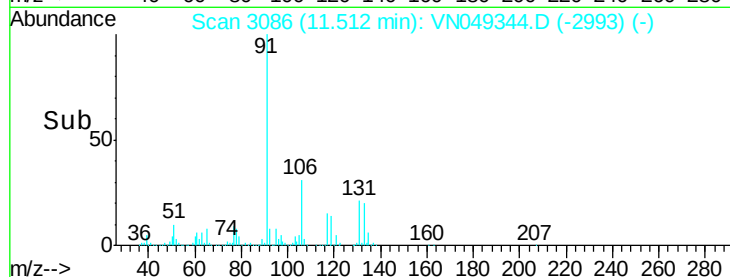
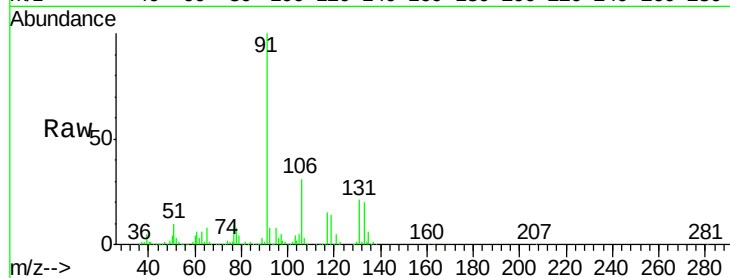
ClientSampleId :

Tot Ion: 91 Resp: 2104321

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 43.49 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049344.D

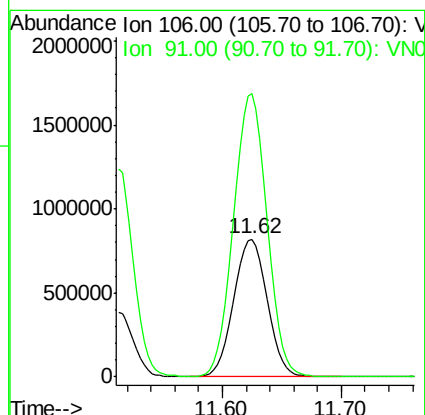
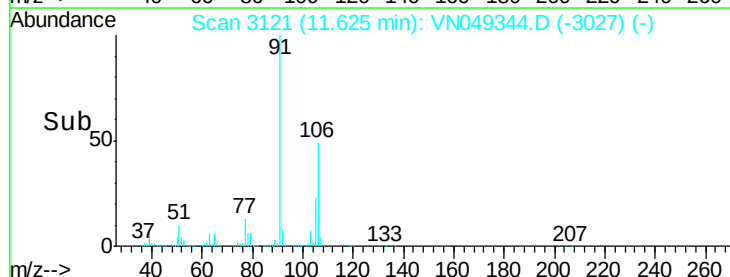
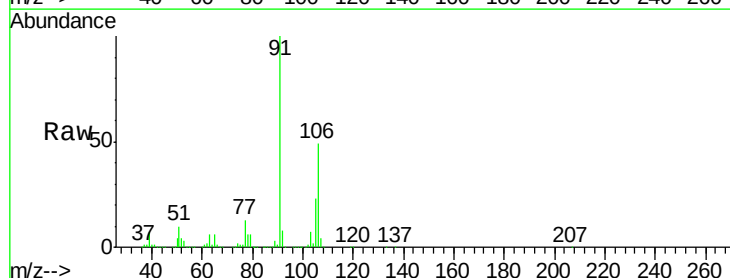
Acq: 18 Jun 2018 15:38

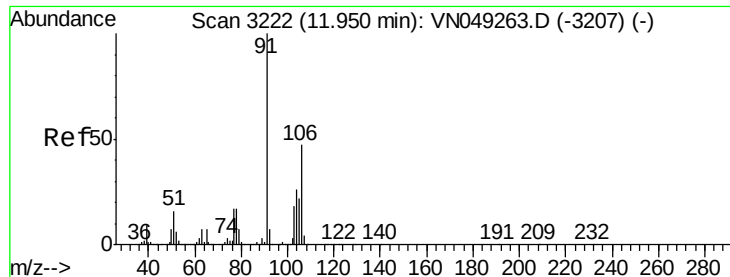
Tgt Ion: 106 Resp: 1603631

Ion Ratio Lower Upper

106 100

91 205.0 167.3 250.9

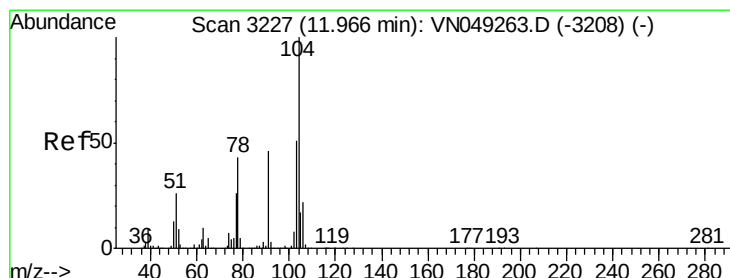
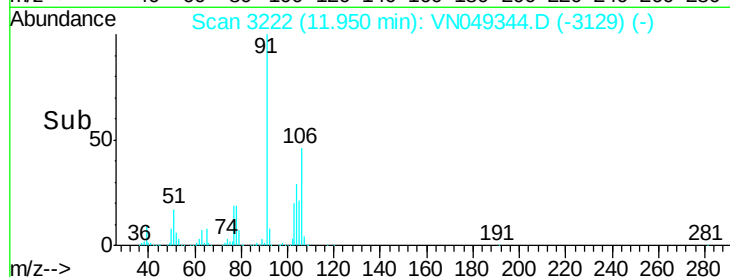
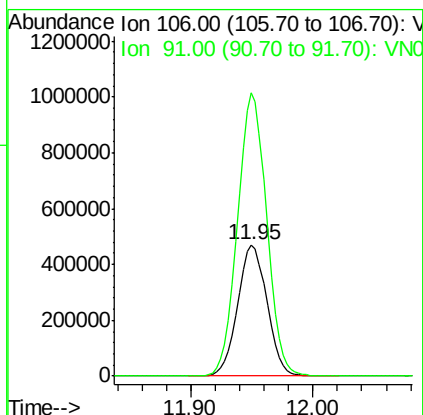
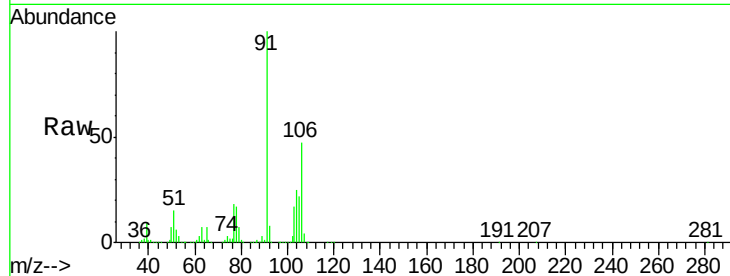




#69
o-Xylene
Concen: 21.96 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

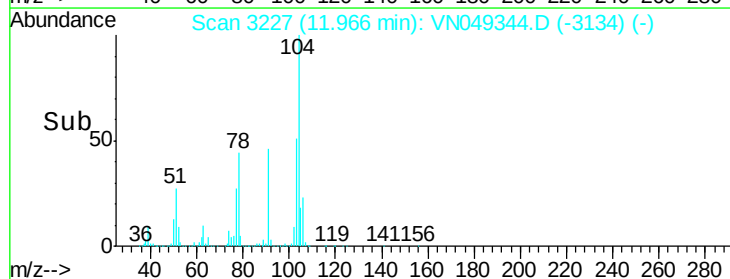
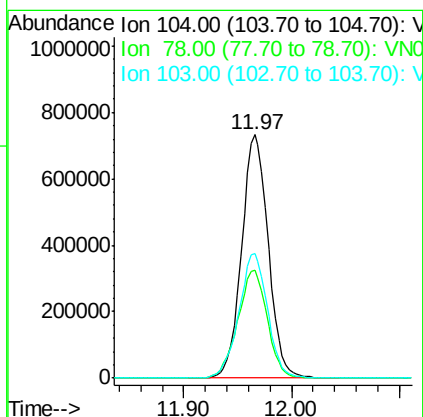
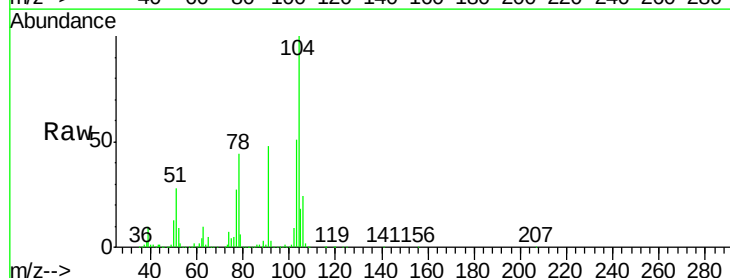
Instrument :
MSVOA_N
ClientSampleId :

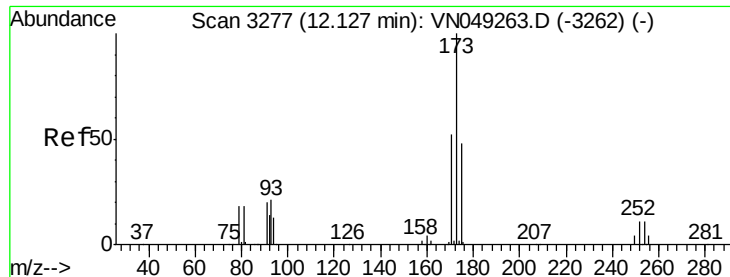
Tot Ion:106 Resp: 780001
Ion Ratio Lower Upper
106 100
91 213.9 111.0 333.0



#70
Styrene
Concen: 22.46 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion:104 Resp: 1258374
Ion Ratio Lower Upper
104 100
78 49.2 41.6 62.4
103 55.4 45.4 68.2





#71

Bromoform

Concen: 22.07 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

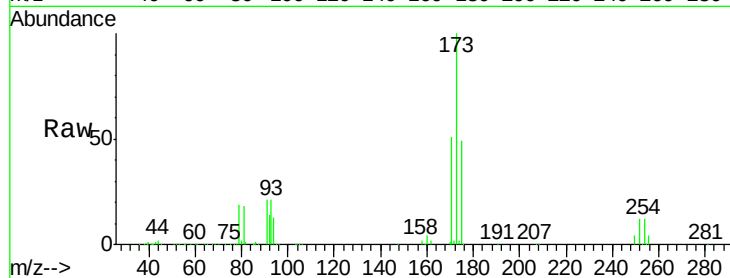
Tot Ion:173 Resp: 318498

Ion Ratio Lower Upper

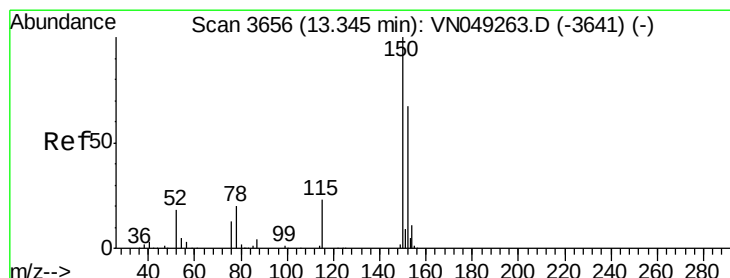
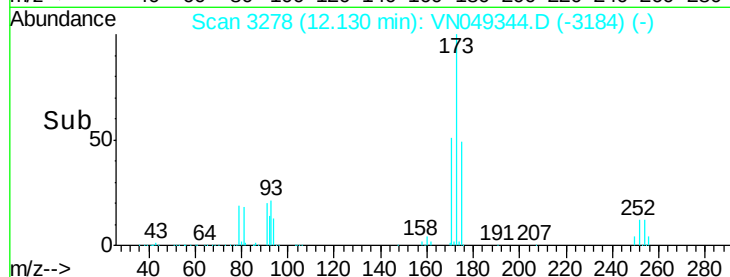
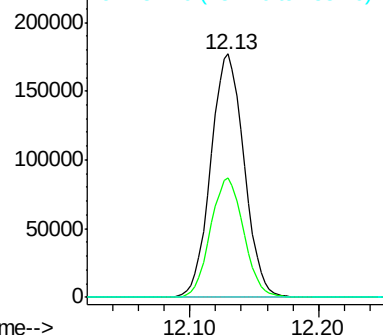
173 100

175 48.9 24.5 73.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

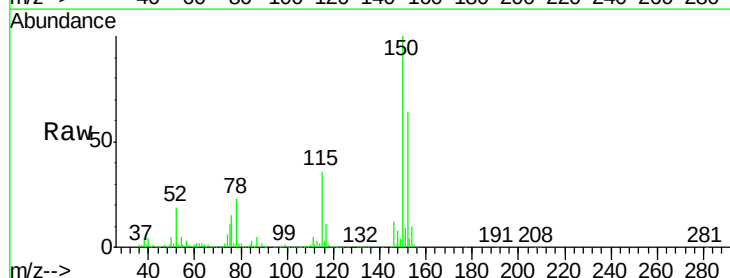
Tgt Ion:152 Resp: 1138086

Ion Ratio Lower Upper

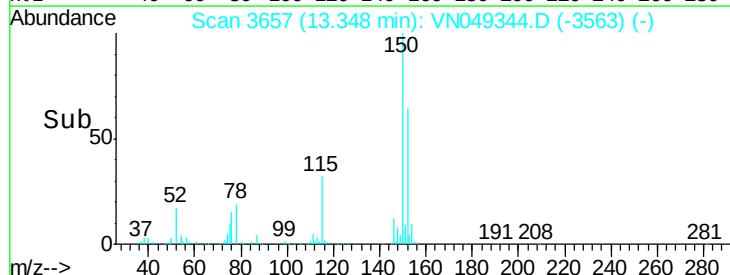
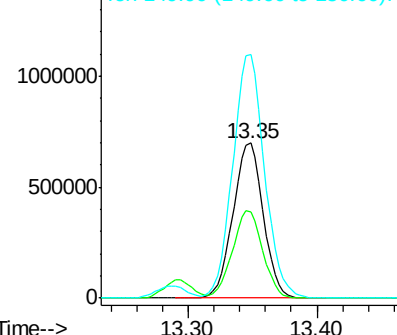
152 100

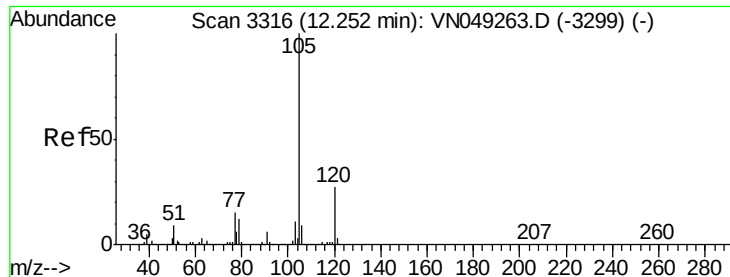
115 56.7 28.7 86.1

150 165.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.78 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

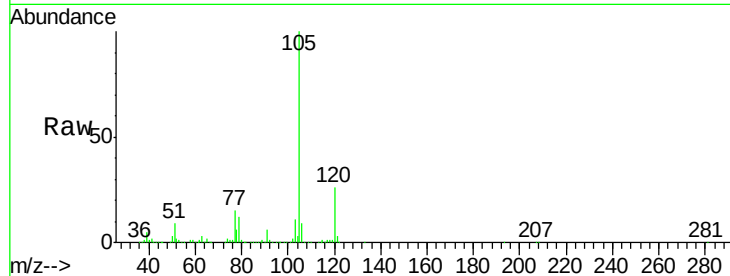
ClientSampled :

Tot Ion:105 Resp: 2076011

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

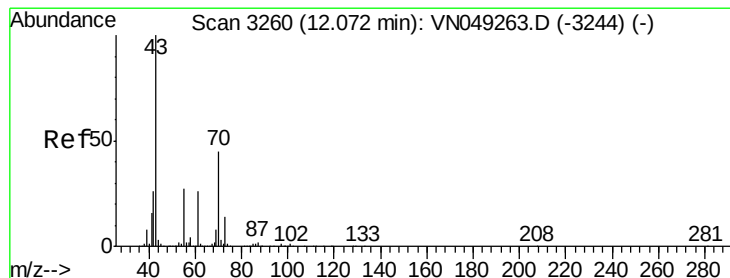
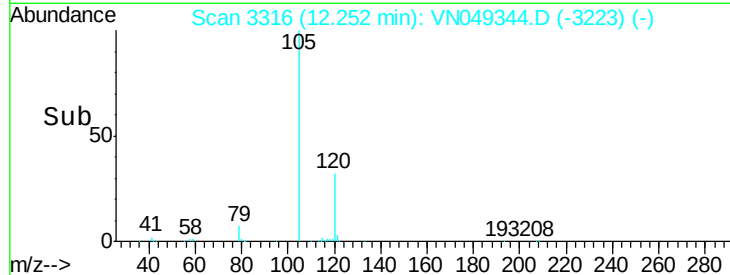
12.25

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 23.53 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Tgt Ion: 43 Resp: 575937

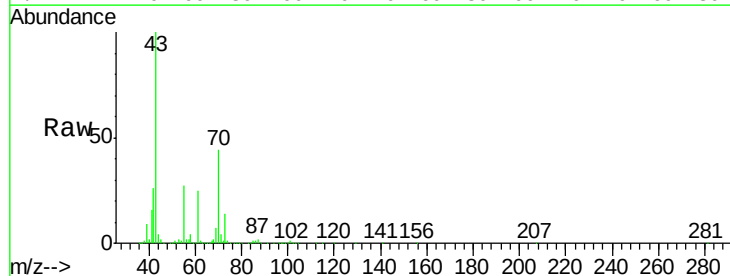
Ion Ratio Lower Upper

43 100

70 43.4 30.3 45.5

55 26.0 19.4 29.2

61 24.9 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

500000

400000

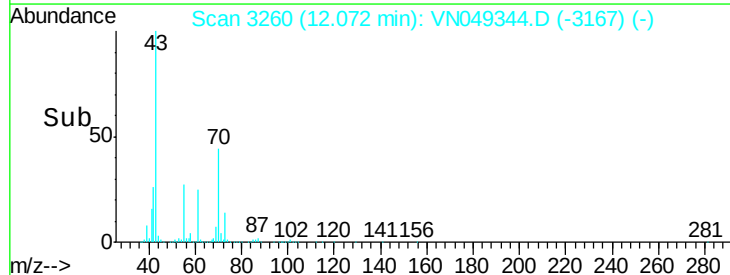
300000

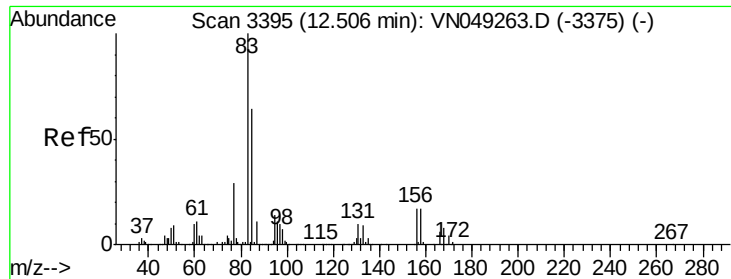
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.05 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

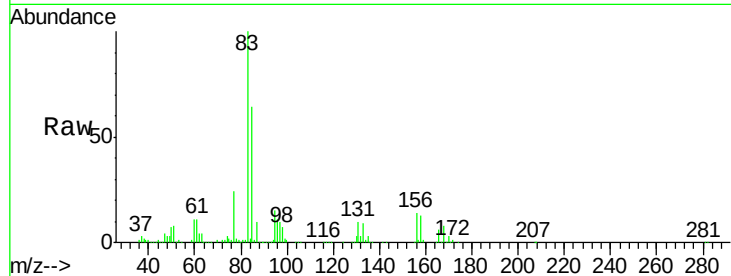
Tot Ion: 83 Resp: 518287

Ion Ratio Lower Upper

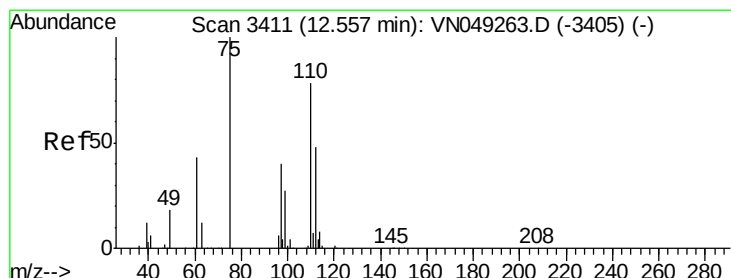
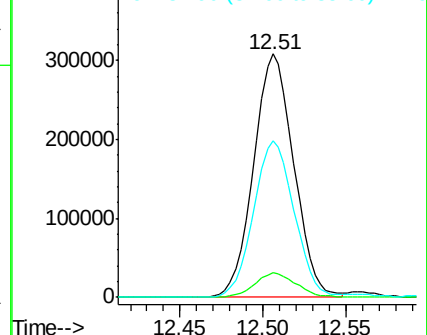
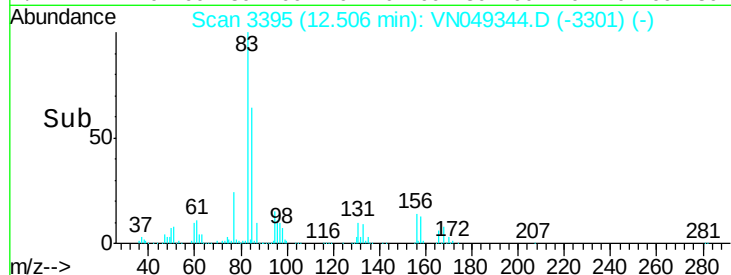
83 100

131 10.4 5.0 15.0

85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049344.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 33.10 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN049344.D

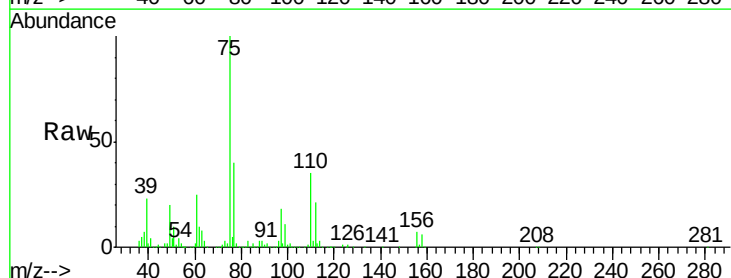
Acq: 18 Jun 2018 15:38

Tgt Ion: 75 Resp: 642744

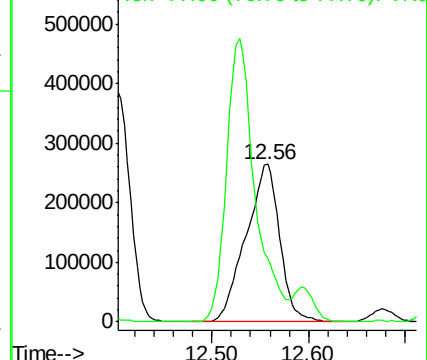
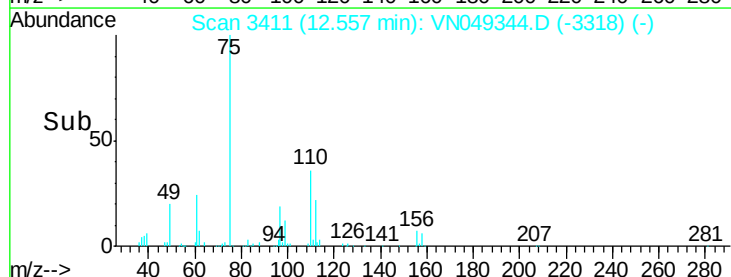
Ion Ratio Lower Upper

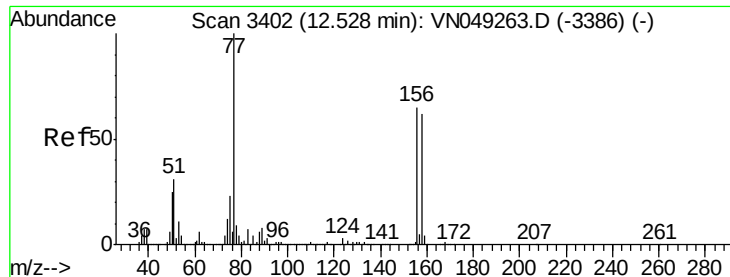
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049344.D (-3318) (-)





#77

Bromobenzene

Concen: 20.01 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

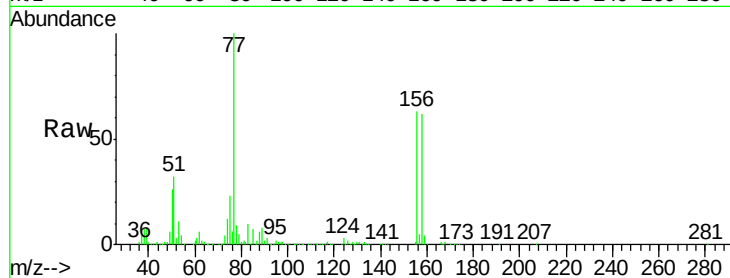
Tot Ion:156 Resp: 528023

Ion Ratio Lower Upper

156 100

77 185.8 100.8 302.4

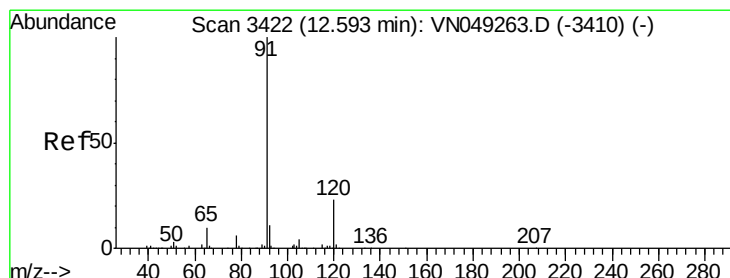
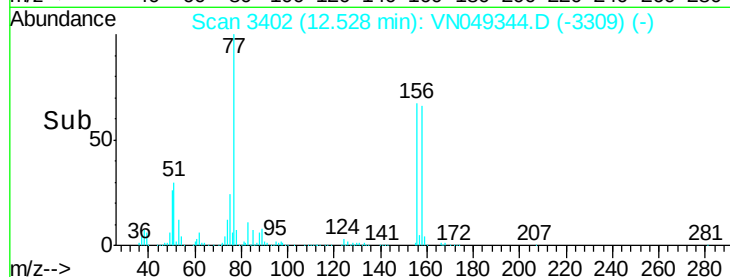
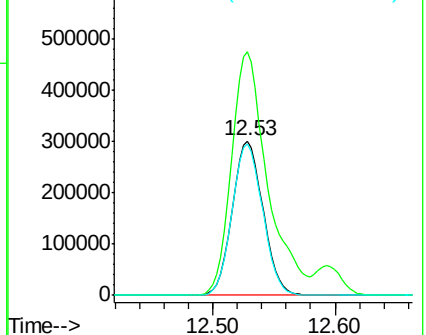
158 97.4 49.3 147.9



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: 20.91 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049344.D

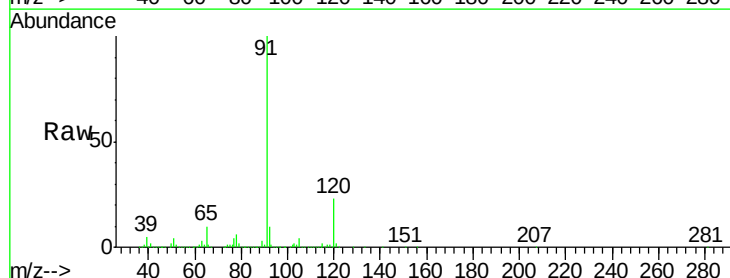
Acq: 18 Jun 2018 15:38

Tgt Ion: 91 Resp: 2294531

Ion Ratio Lower Upper

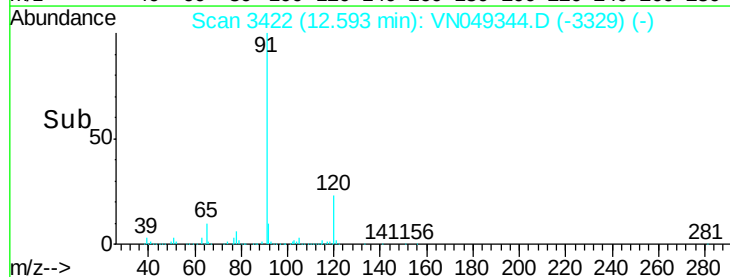
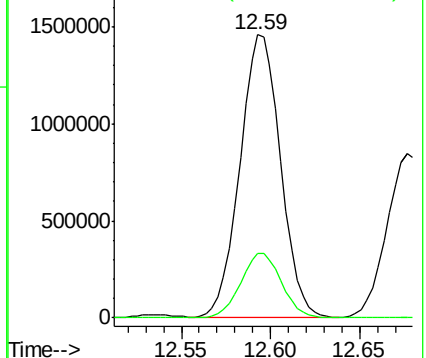
91 100

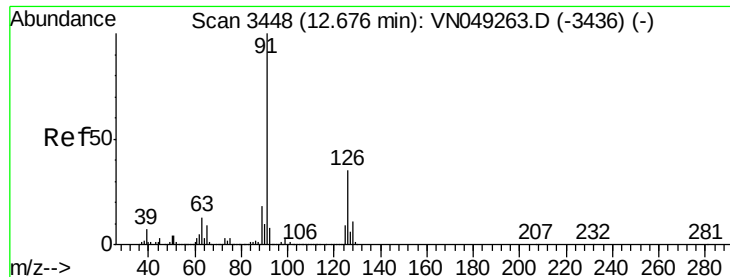
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.23 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

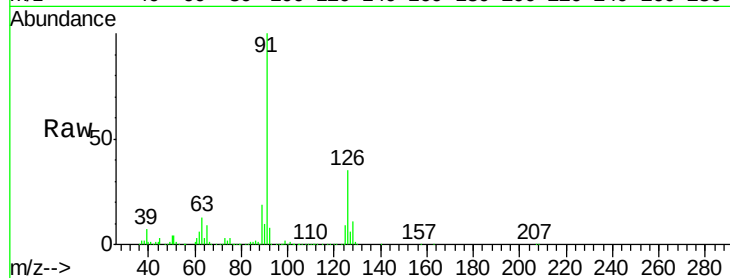
ClientSampleId :

Tot Ion: 91 Resp: 1406089

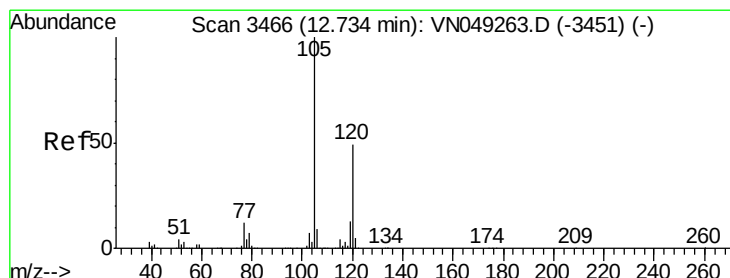
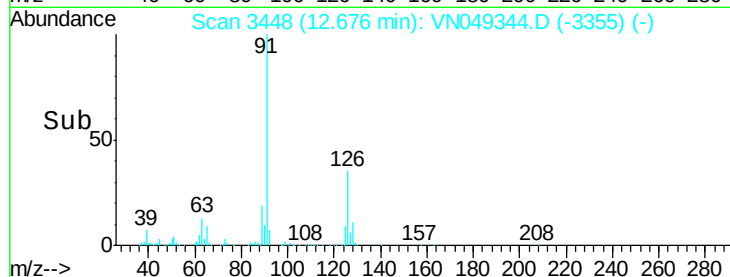
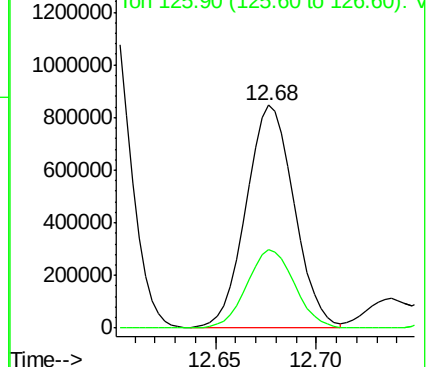
Ion Ratio Lower Upper

91 100

126 35.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049344.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.26 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049344.D

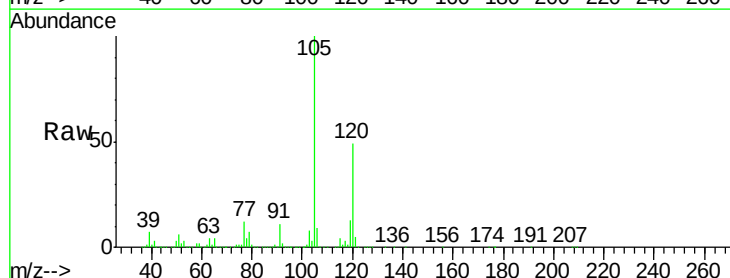
Acq: 18 Jun 2018 15:38

Tgt Ion:105 Resp: 1669624

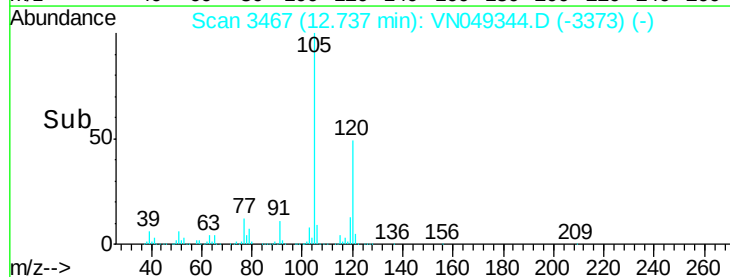
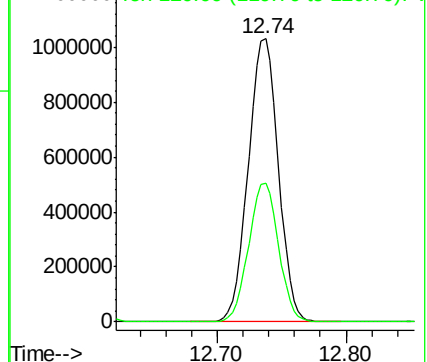
Ion Ratio Lower Upper

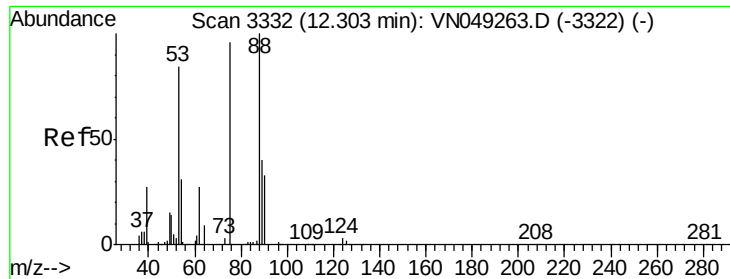
105 100

120 48.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049344.D (-3373) (-)

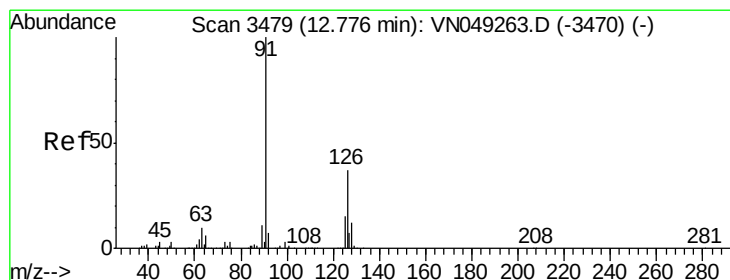
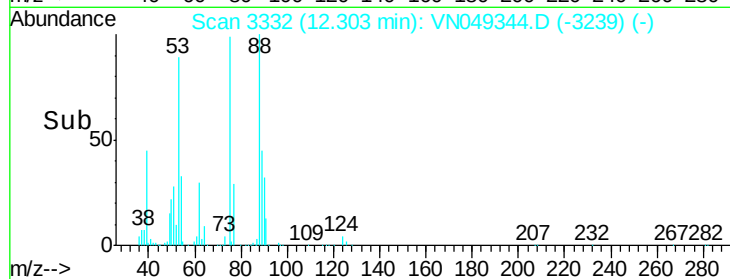
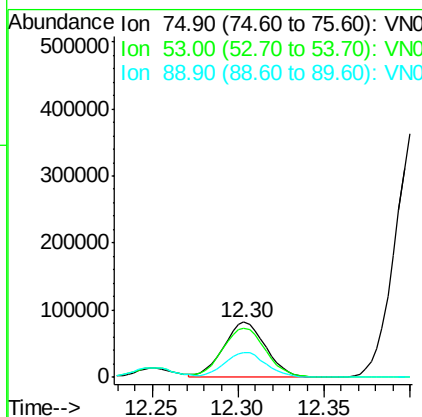
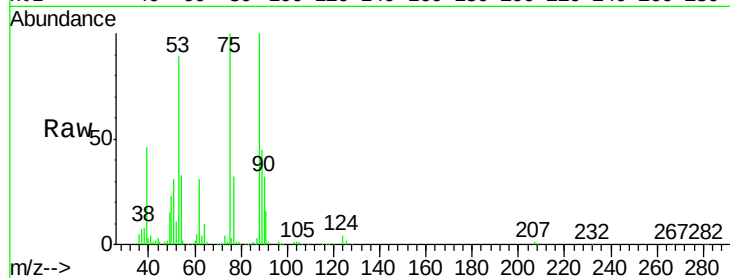




#81
trans-1,4-Dichloro-2-butene
Concen: 22.76 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

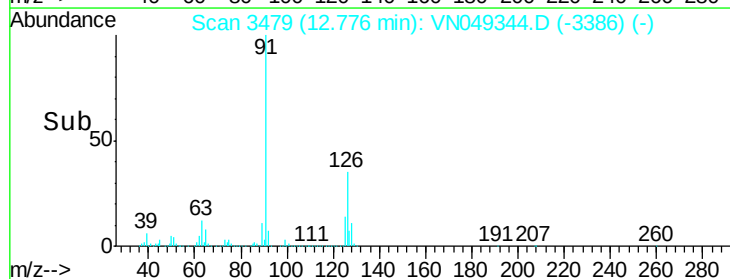
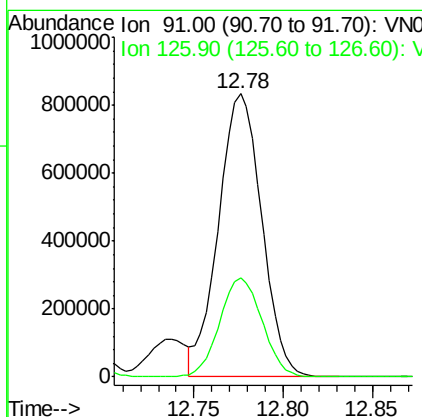
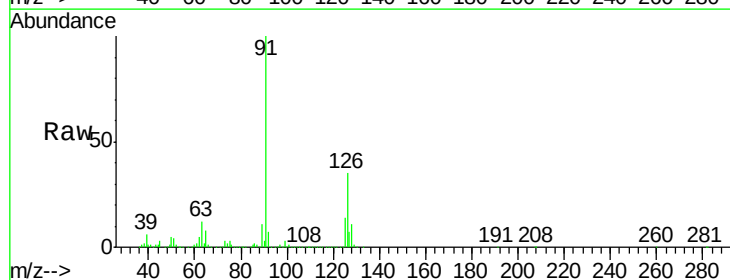
Instrument :
MSVOA_N
ClientSampleId :

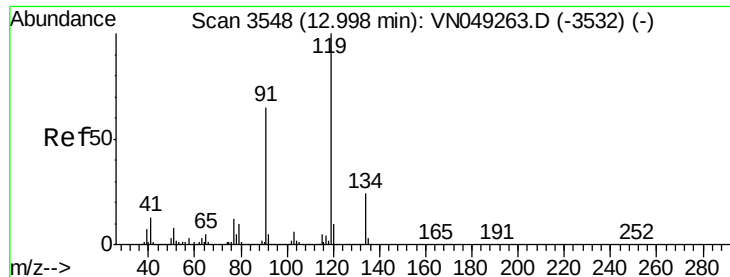
Tot Ion: 75 Resp: 139817
Ion Ratio Lower Upper
75 100
53 93.3 82.7 124.1
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.81 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 91 Resp: 1395555
Ion Ratio Lower Upper
91 100
126 34.6 16.4 49.1





#83

tert-Butylbenzene

Concen: 20.80 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

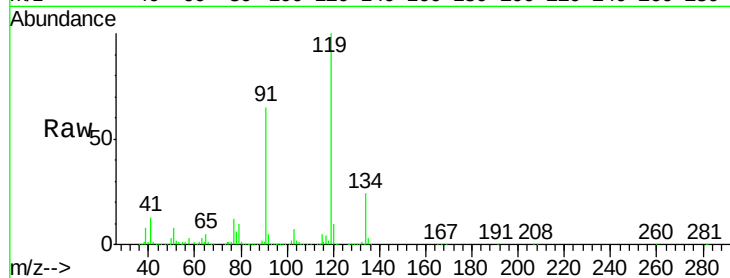
Tot Ion:119 Resp: 1447006

Ion Ratio Lower Upper

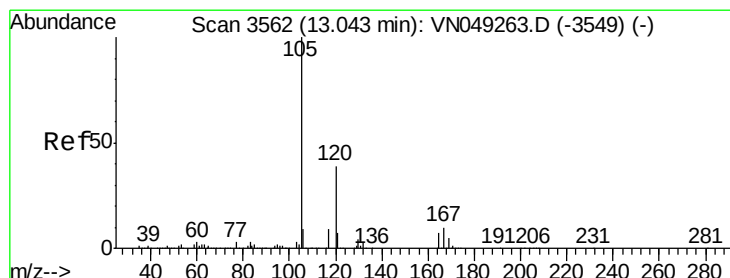
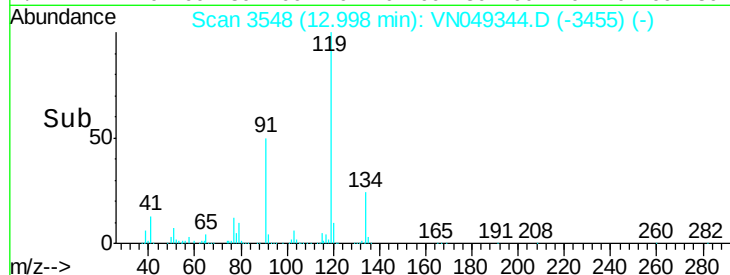
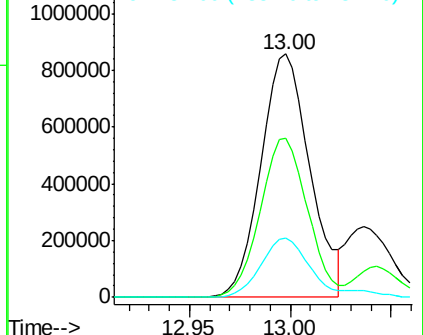
119 100

91 62.9 33.7 101.0

134 25.9 12.9 38.6



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



#84

1,2,4-Trimethylbenzene

Concen: 21.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049344.D

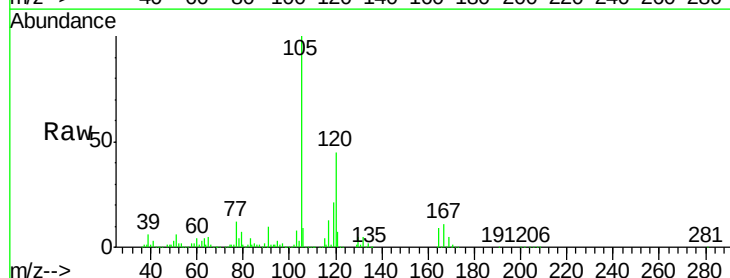
Acq: 18 Jun 2018 15:38

Tgt Ion:105 Resp: 1674460

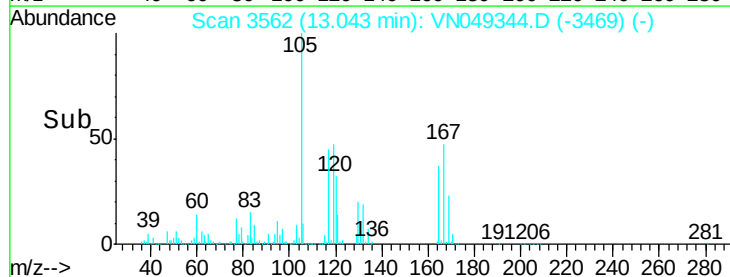
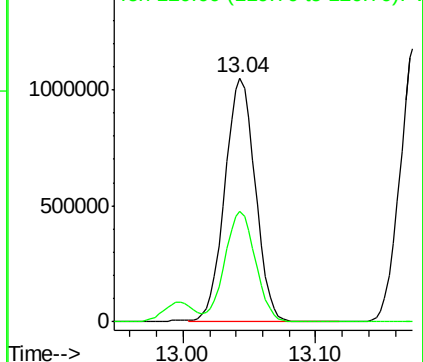
Ion Ratio Lower Upper

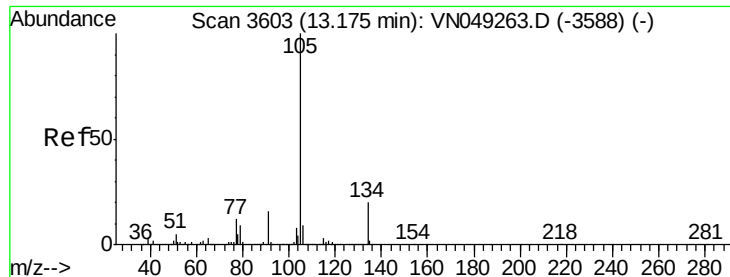
105 100

120 45.6 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 20.54 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Instrument :

MSVOA_N

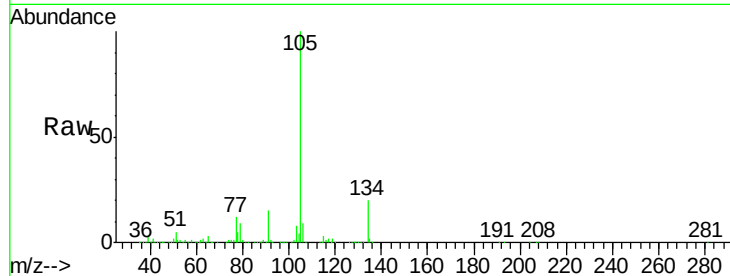
ClientSampleId :

Tot Ion:105 Resp: 1902401

Ion Ratio Lower Upper

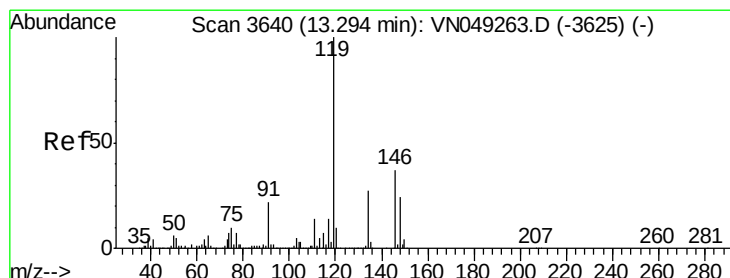
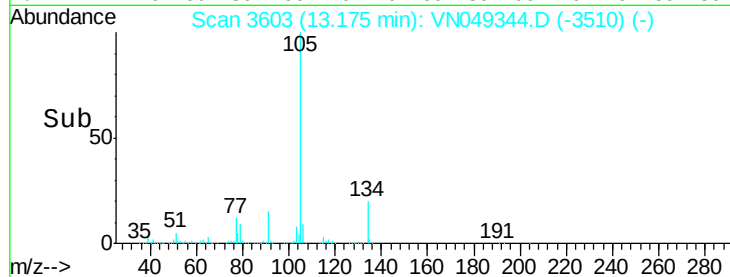
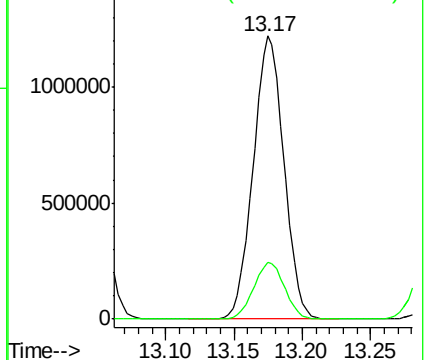
105 100

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: 20.95 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. -0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

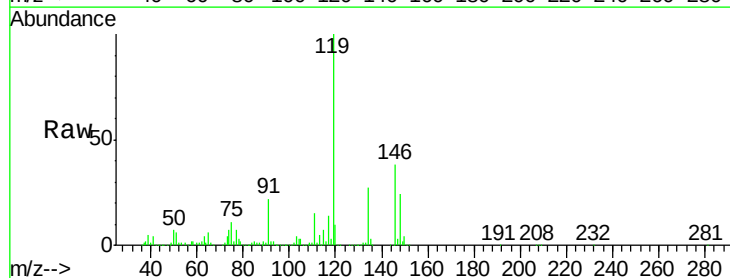
Tgt Ion:119 Resp: 1620734

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

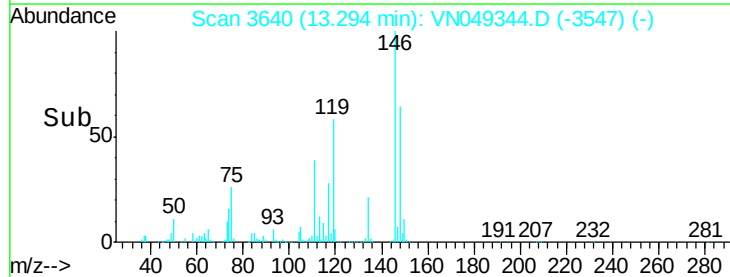
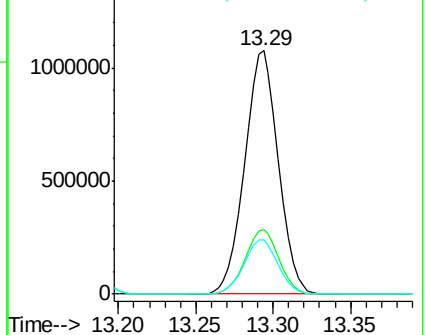
91 22.7 12.1 36.3

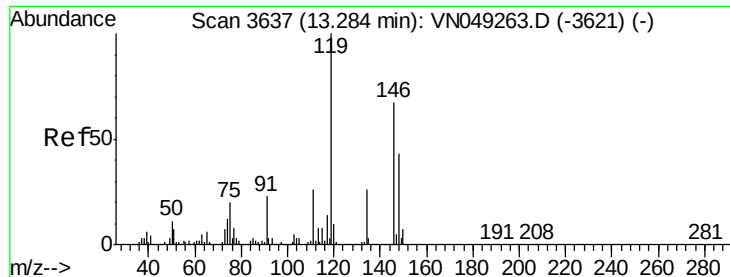


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

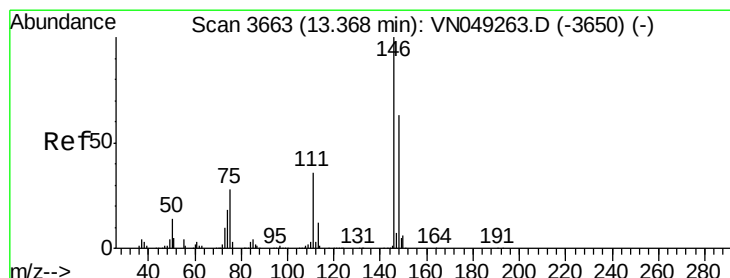
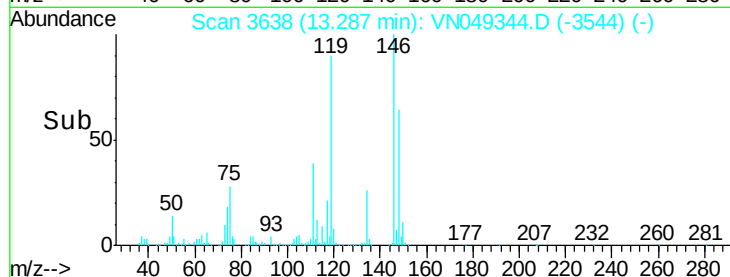
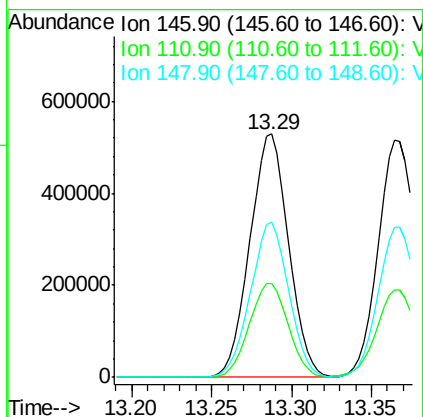
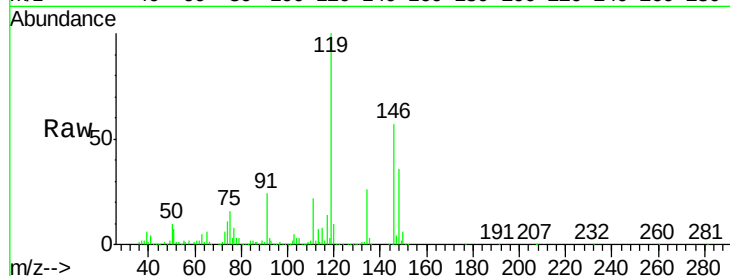




#87
 1,3-Dichlorobenzene
 Concen: 20.20 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

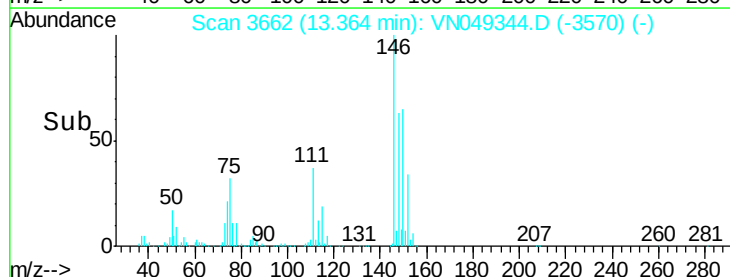
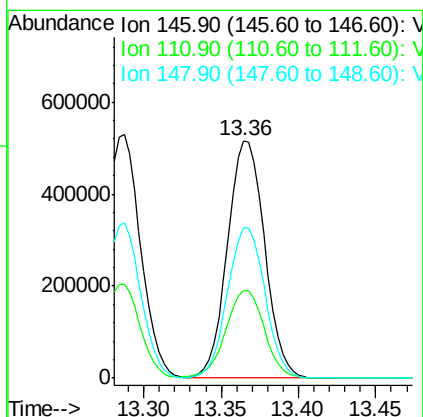
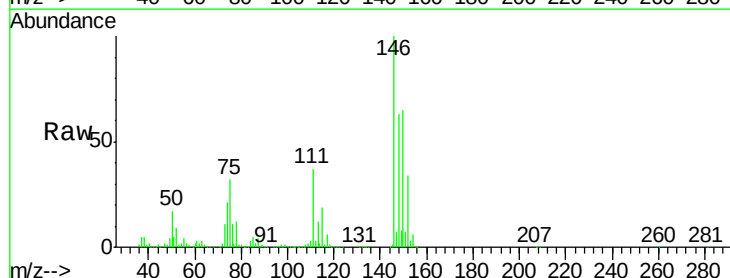
Instrument :
 MSVOA_N
 ClientSampleId :

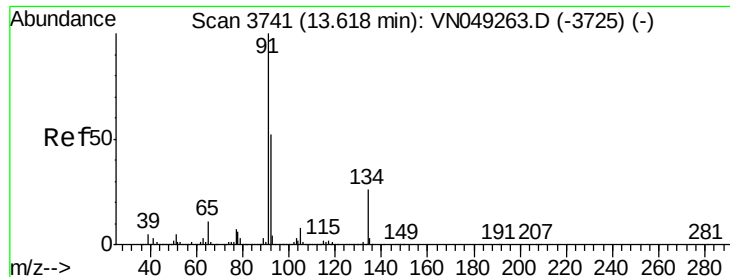
Tot Ion:146 Resp: 876946
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.6
 148 62.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion:146 Resp: 858152
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 64.3 32.0 96.2

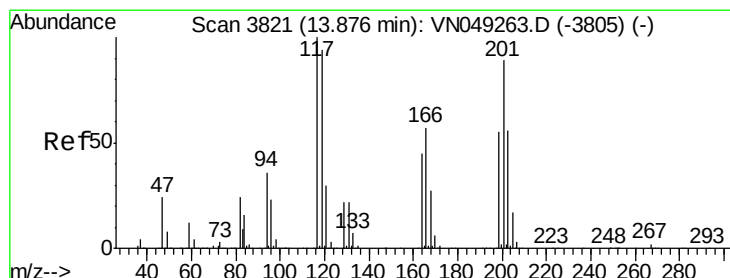
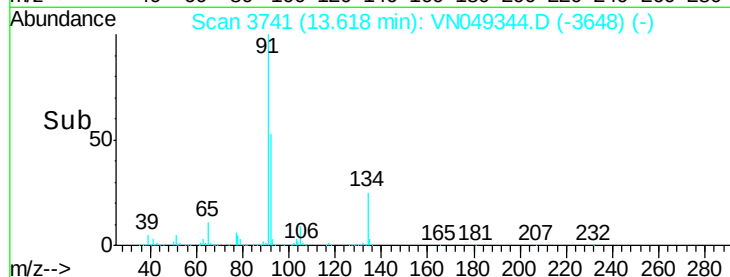
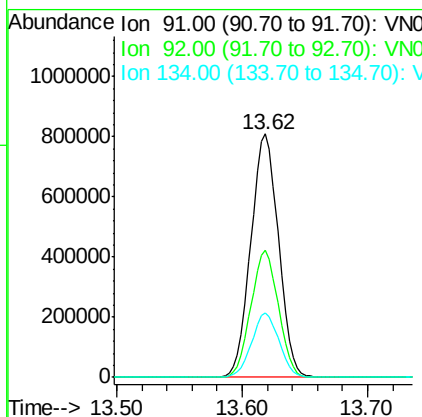
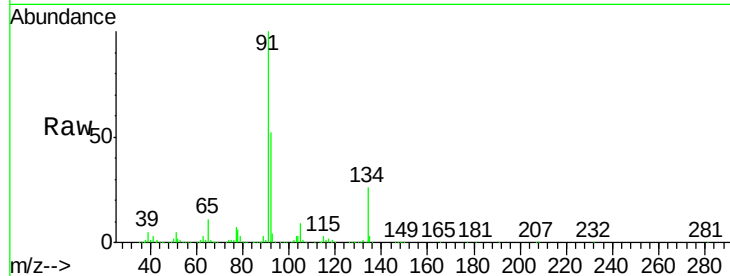




#89
n-Butylbenzene
Concen: 20.42 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. -0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

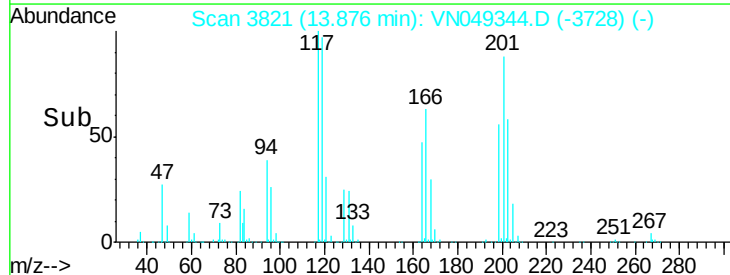
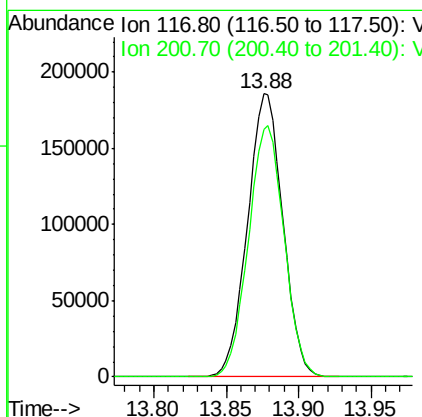
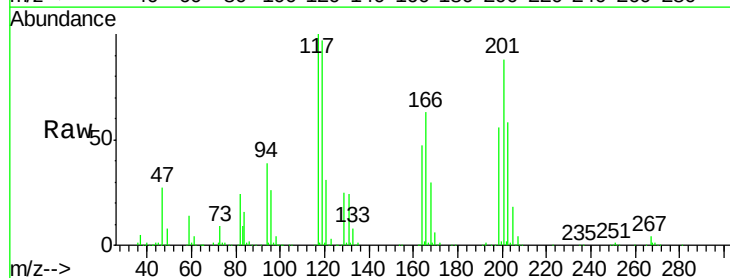
Instrument :
MSVOA_N
ClientSampled :

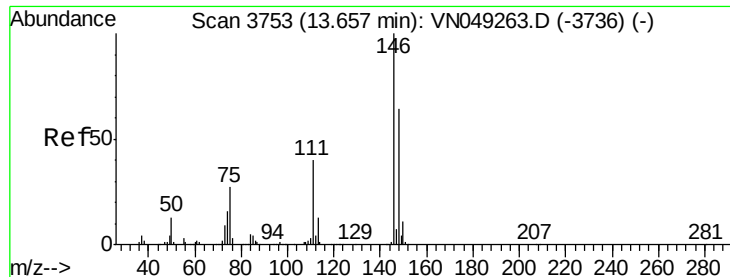
Tot Ion: 91 Resp: 1234284
Ion Ratio Lower Upper
91 100
92 51.9 25.1 75.4
134 26.1 12.0 36.0



#90
Hexachloroethane
Concen: 20.55 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion: 117 Resp: 315573
Ion Ratio Lower Upper
117 100
201 89.4 40.1 120.2

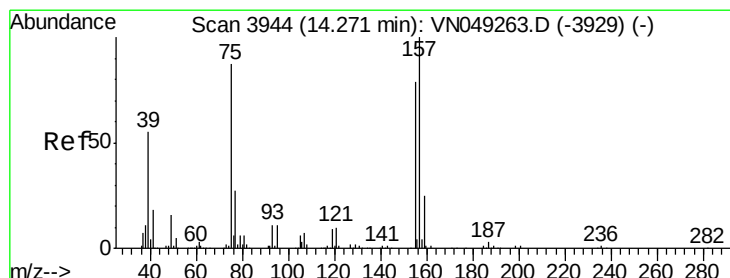
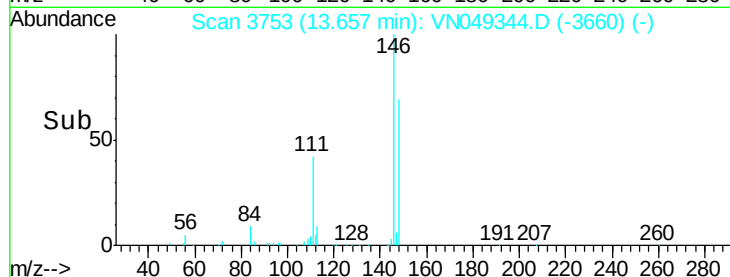
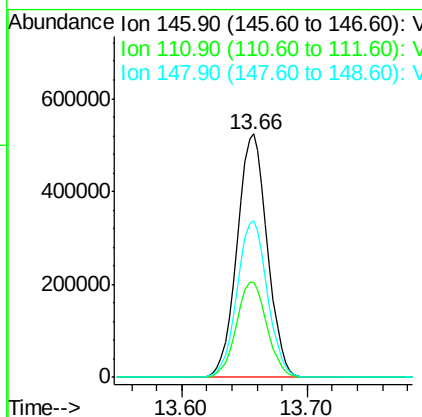
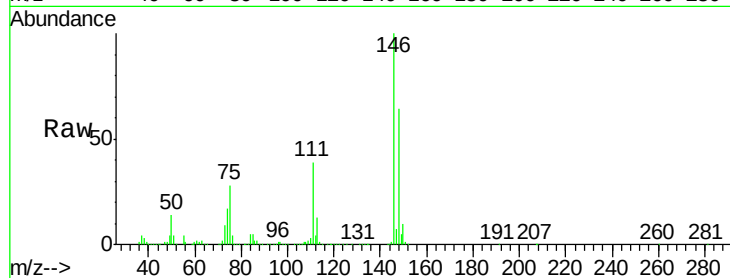




#91
 1,2-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

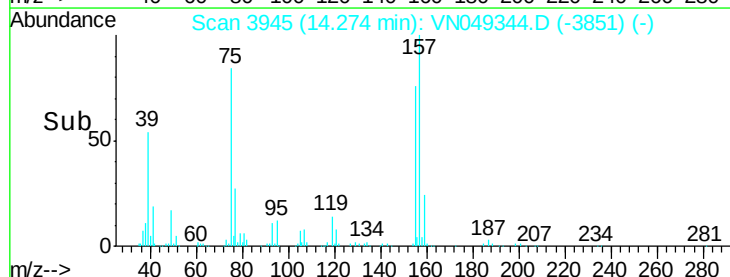
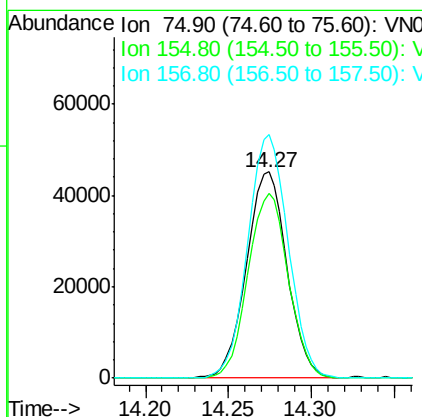
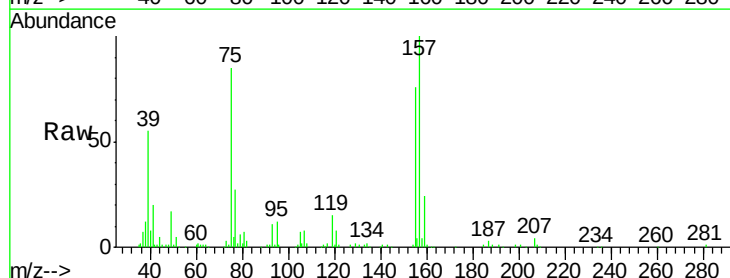
Instrument :
 MSVOA_N
 ClientSampleId :

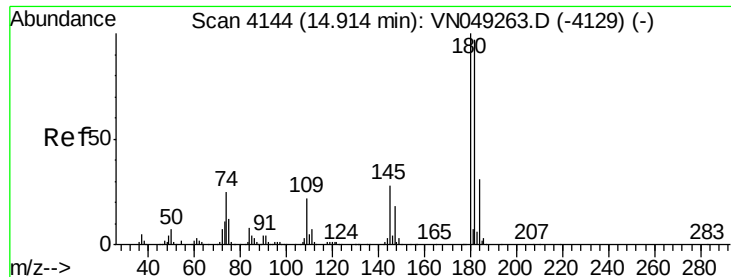
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.8	62.2
148	64.7	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.09 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049344.D
 Acq: 18 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	38.8	116.3
157	117.3	51.0	153.1

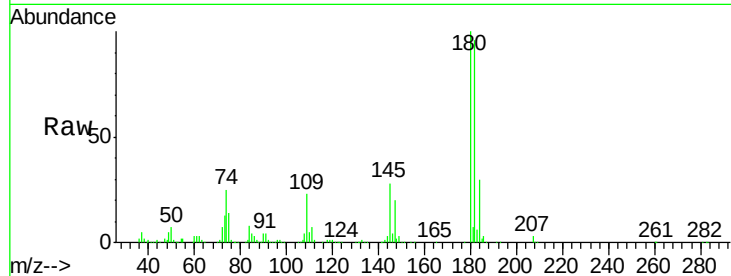




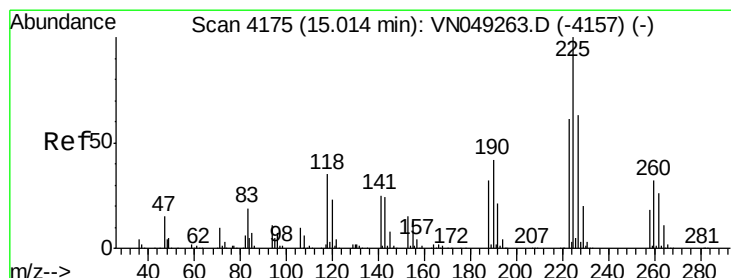
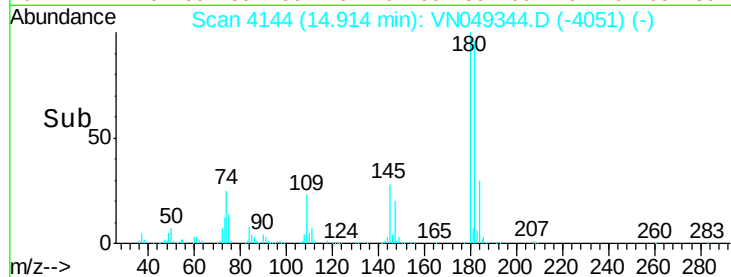
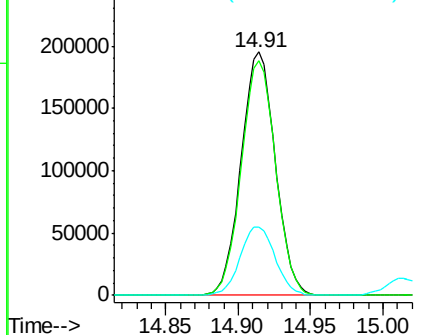
#93
1,2,4-Trichlorobenzene
Concen: 19.60 ug/l
RT: 14.91 min Scan# 4144
Delta R.T. 0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.8
145	28.9	14.7	44.1

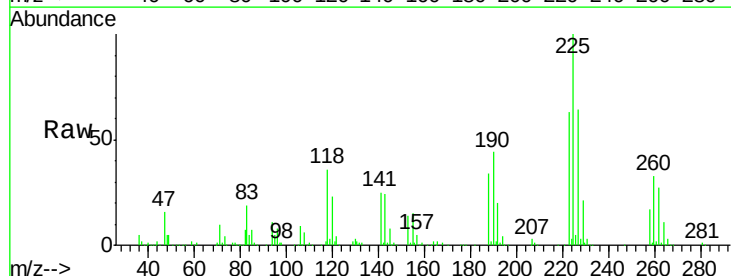


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

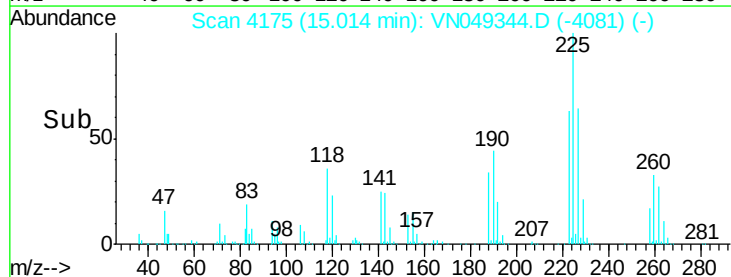
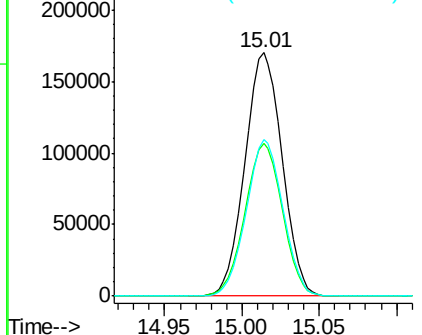


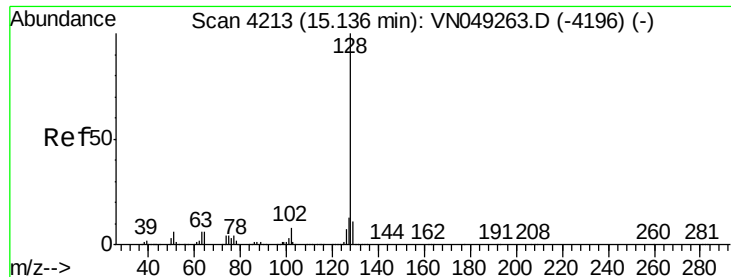
#94
Hexachlorobutadiene
Concen: 21.38 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049344.D
Acq: 18 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	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: 22.45 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

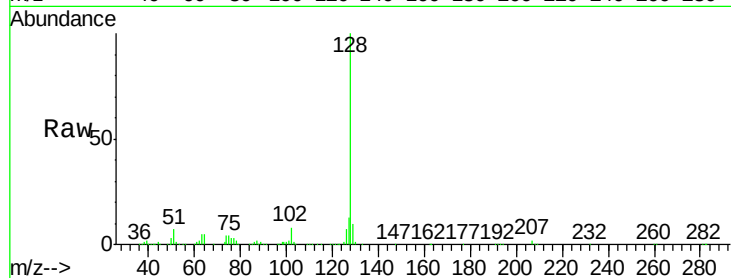
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 681619

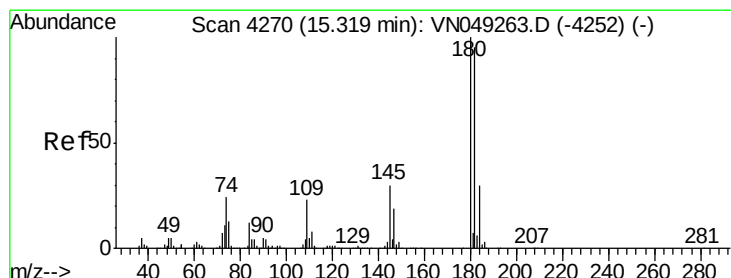
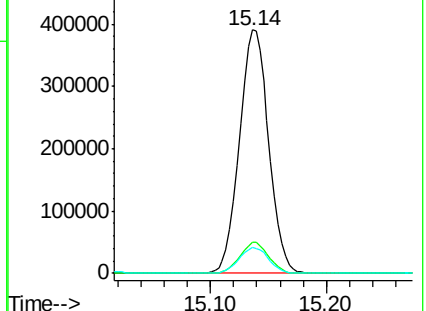
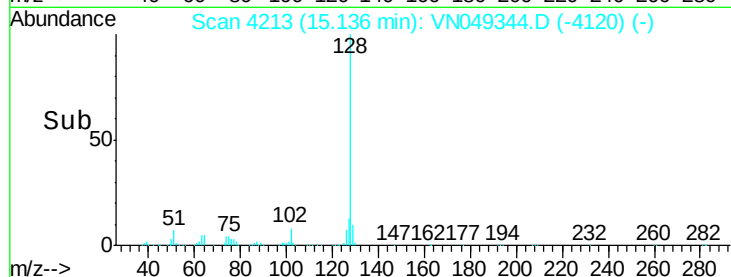
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	10.8	8.5	12.7



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: 20.31 ug/l

RT: 15.32 min Scan# 4270

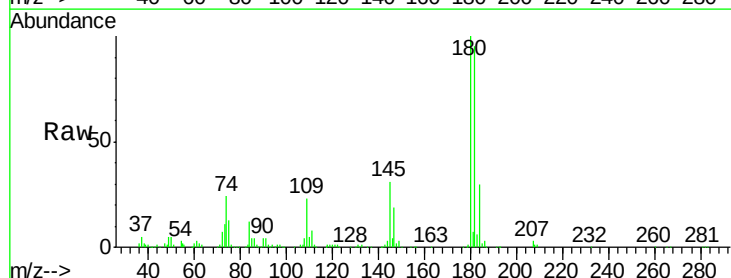
Delta R.T. 0.00 min

Lab File: VN049344.D

Acq: 18 Jun 2018 15:38

Tgt Ion:180 Resp: 345529

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	141.8
145	30.7	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

