

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
 Data File : VN049217.D
 Acq On : 13 Jun 2018 22:44
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

Quant Time: Jun 14 05:18:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	988311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1559746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1435730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	692310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	756912	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.59	113	622277	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.09	98	2480458	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	847228	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	624664	43.88	ug/l	99
3) Chloromethane	2.06	50	639036	43.93	ug/l	99
4) Vinyl Chloride	2.18	62	652028	43.71	ug/l	99
5) Bromomethane	2.56	94	372599	43.44	ug/l	98
6) Chloroethane	2.70	64	419202	41.62	ug/l	99
7) Trichlorofluoromethane	3.02	101	868956	41.38	ug/l	97
8) Diethyl Ether	3.41	74	363840	46.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	609117	44.81	ug/l	98
10) Methyl Iodide	3.95	142	649969	49.17	ug/l	94
11) Tert butyl alcohol	4.80	59	217570	250.12	ug/l	96
12) 1,1-Dichloroethene	3.73	96	578167	46.84	ug/l	96
13) Acrolein	3.61	56	314041	265.16	ug/l	100
14) Allyl chloride	4.32	41	1128230	48.67	ug/l	88
15) Acrylonitrile	4.99	53	1160880	247.95	ug/l	99
16) Acetone	3.82	43	851655	223.35	ug/l	96
17) Carbon Disulfide	4.05	76	1933188	45.91	ug/l	100
18) Methyl Acetate	4.33	43	559542	49.09	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1647237	48.98	ug/l	99
20) Methylene Chloride	4.55	84	694231	44.83	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	625900	45.74	ug/l	100
22) Diisopropyl ether	5.96	45	2298273	49.67	ug/l	96
23) Vinyl Acetate	5.90	43	7679377	251.08	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1250974	45.37	ug/l	99
25) 2-Butanone	6.84	43	1296779	237.50	ug/l	100
26) 2,2-Dichloropropane	6.82	77	921748	44.58	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	710535	47.68	ug/l	97
28) Bromochloromethane	7.20	49	622682	47.58	ug/l	99
29) Tetrahydrofuran	7.22	42	878635	250.14	ug/l	98
30) Chloroform	7.37	83	1193207	45.04	ug/l	98
31) Cyclohexane	7.65	56	1165685	49.10	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1043028	45.71	ug/l	98
36) 1,1-Dichloropropene	7.80	75	945180	48.50	ug/l	99
37) Ethyl Acetate	6.93	43	606805	49.33	ug/l	99
38) Carbon Tetrachloride	7.78	117	905654	46.13	ug/l	99

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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	994665	49.41	ug/l	98
40) Benzene	8.04	78	2807779	47.56	ug/l	99
41) Methacrylonitrile	7.18	41	331908	47.69	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	895686	45.97	ug/l	98
43) Isopropyl Acetate	8.17	43	1127865	49.86	ug/l	98
44) Trichloroethene	8.84	130	683660	46.37	ug/l	97
45) 1,2-Dichloropropane	9.12	63	769474	47.38	ug/l	99
46) Dibromomethane	9.21	93	416430	46.42	ug/l	97
47) Bromodichloromethane	9.41	83	937615	46.40	ug/l	96
48) Methyl methacrylate	9.20	41	559043	50.58	ug/l	93
49) 1,4-Dioxane	9.20	88	127728	978.64	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3024677	251.09	ug/l	98
52) Toluene	10.16	92	1702573	49.56	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	953452	49.63	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1111443	49.92	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	592319	46.98	ug/l	99
56) Ethyl methacrylate	10.43	69	811186	53.38	ug/l #	92
57) 1,3-Dichloropropane	10.71	76	1044948	48.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1319014	229.64	ug/l	99
59) 2-Hexanone	10.75	43	1943373	258.91	ug/l	98
60) Dibromochloromethane	10.90	129	674532	48.25	ug/l	100
61) 1,2-Dibromoethane	11.01	107	547776	46.98	ug/l	99
64) Tetrachloroethene	10.63	164	664262	46.18	ug/l	99
65) Chlorobenzene	11.44	112	1791015	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	663225	47.08	ug/l	99
67) Ethyl Benzene	11.51	91	3304016	51.71	ug/l	99
68) m/p-Xylenes	11.62	106	2458794	105.23	ug/l	99
69) o-Xylene	11.95	106	1189976	52.88	ug/l	99
70) Styrene	11.97	104	1935546	54.33	ug/l	99
71) Bromoform	12.13	173	436358	49.56	ug/l	99
73) Isopropylbenzene	12.25	105	3191728	48.00	ug/l	99
74) N-amyl acetate	12.07	43	981067	51.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	734941	54.19	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	916396	81.35	ug/l #	100
77) Bromobenzene	12.53	156	737573	52.11	ug/l	99
78) n-propylbenzene	12.59	91	3706890	50.18	ug/l	99
79) 2-Chlorotoluene	12.68	91	2207414	47.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2558225	50.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	189634	45.76	ug/l	93
82) 4-Chlorotoluene	12.78	91	2202592	49.84	ug/l	100
83) tert-Butylbenzene	13.00	119	2147007	48.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2623013	51.76	ug/l	100
85) sec-Butylbenzene	13.17	105	3000975	51.25	ug/l	99
86) p-Isopropyltoluene	13.29	119	2503154	52.78	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1288108	49.52	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1251381	48.84	ug/l	99
89) n-Butylbenzene	13.62	91	2141732	51.55	ug/l	99
90) Hexachloroethane	13.88	117	501639	52.43	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1244550	48.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	106666	46.12	ug/l	95

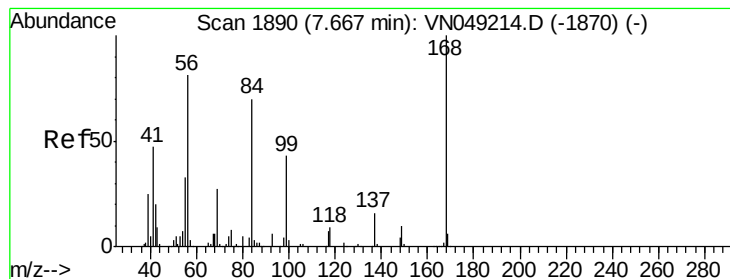
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	544412	49.57	ug/l	98
94) Hexachlorobutadiene	15.01	225	402726	52.04	ug/l	98
95) Naphthalene	15.14	128	1183948	49.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	555948	55.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

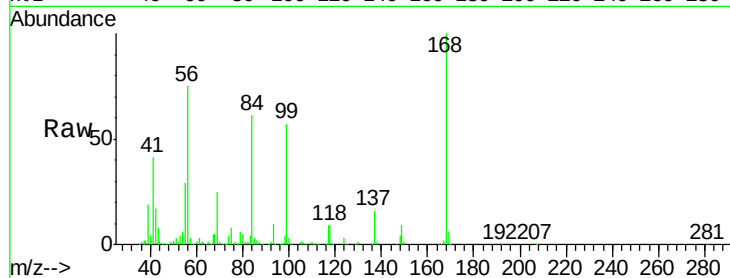
ICVVN061318

Tgt Ion:168 Resp: 988311

Ion Ratio Lower Upper

168 100

99 56.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

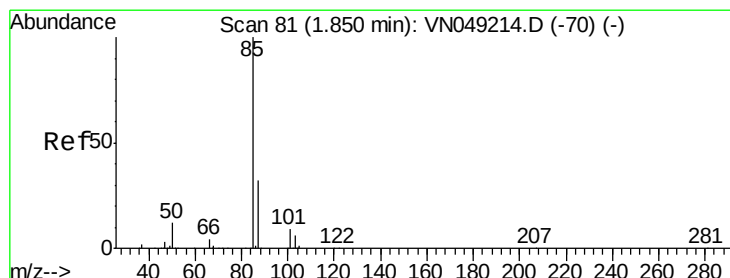
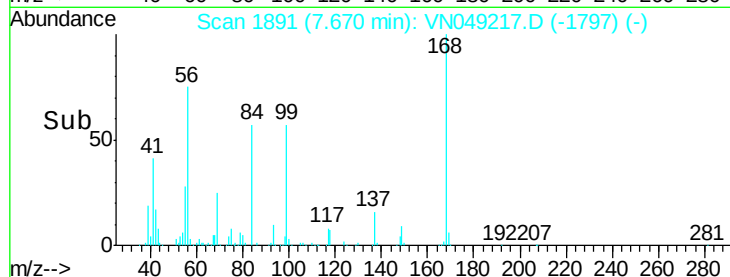
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.88 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049217.D

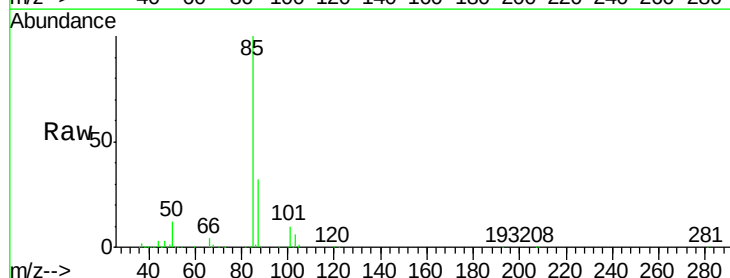
Acq: 13 Jun 2018 22:44

Tgt Ion: 85 Resp: 624664

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

300000

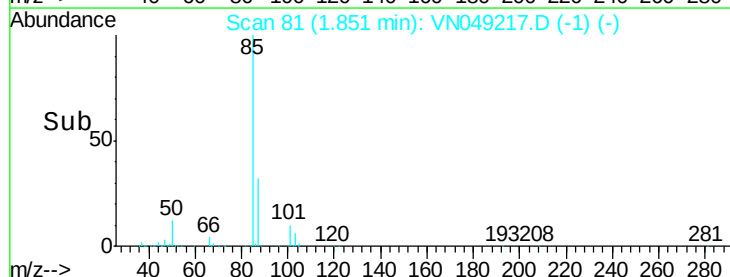
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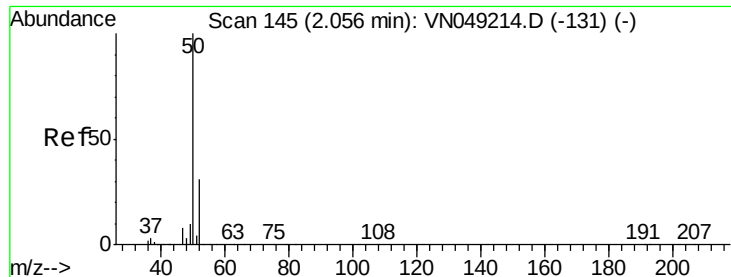
100000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.93 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampled :

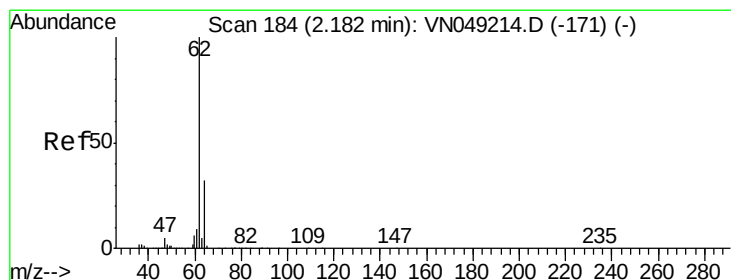
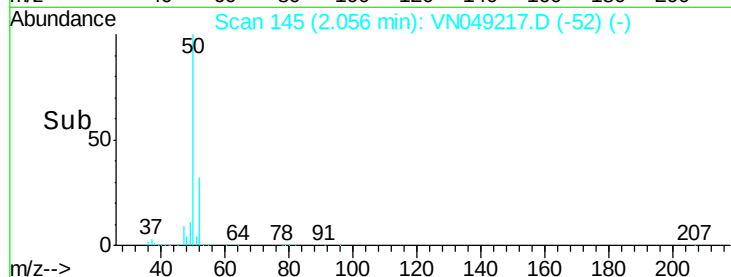
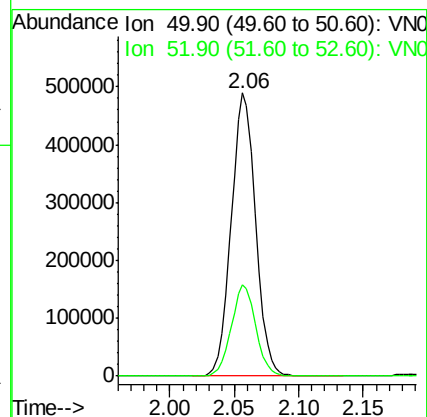
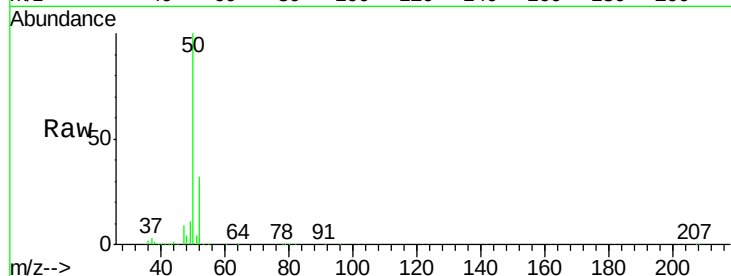
ICVVN061318

Tgt Ion: 50 Resp: 639036

Ion Ratio Lower Upper

50 100

52 32.3 25.2 37.8



#4

Vinyl Chloride

Concen: 43.71 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049217.D

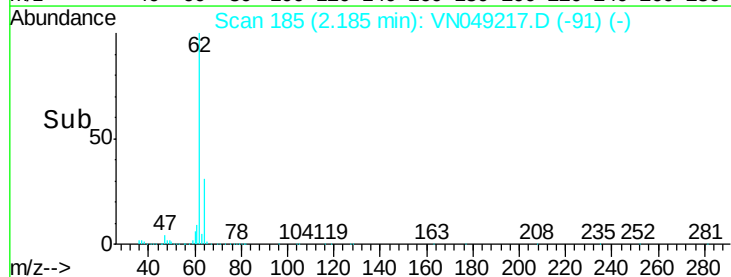
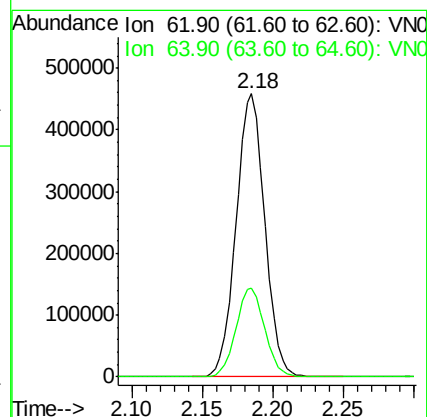
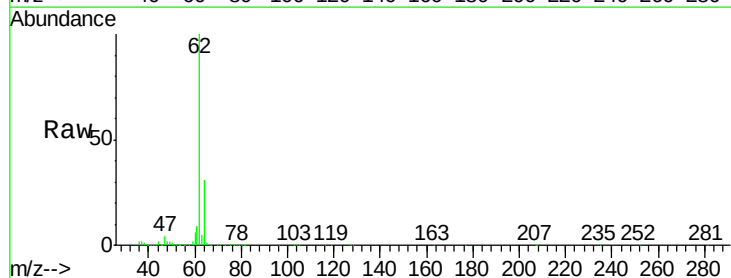
Acq: 13 Jun 2018 22:44

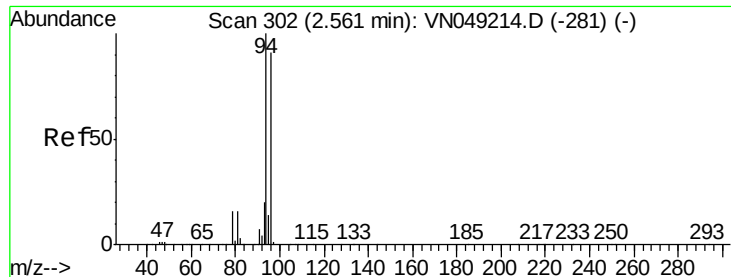
Tgt Ion: 62 Resp: 652028

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 43.44 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

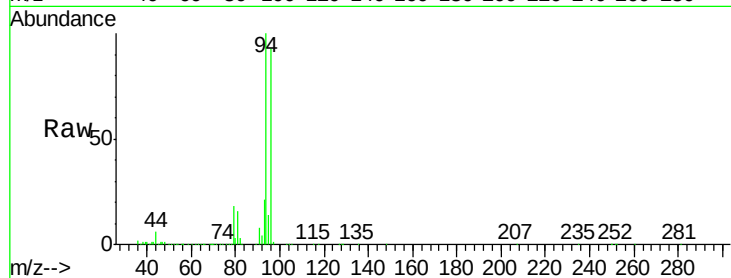
ICVVN061318

Tgt Ion: 94 Resp: 372599

Ion Ratio Lower Upper

94 100

96 93.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

200000

150000

100000

50000

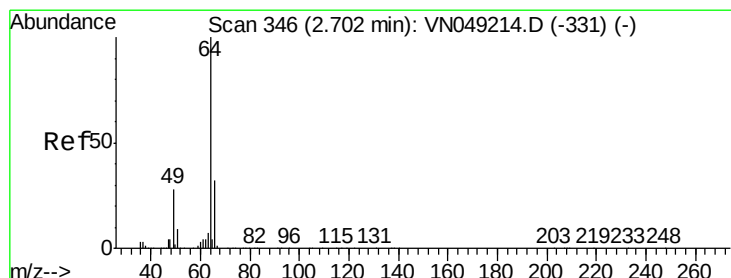
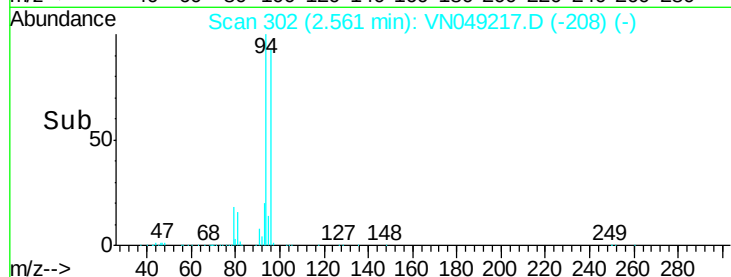
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Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 41.62 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049217.D

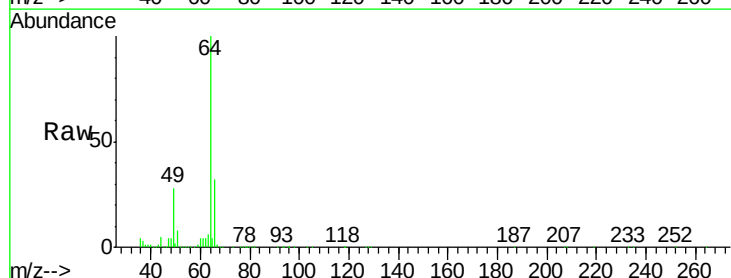
Acq: 13 Jun 2018 22:44

Tgt Ion: 64 Resp: 419202

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

250000

200000

150000

100000

50000

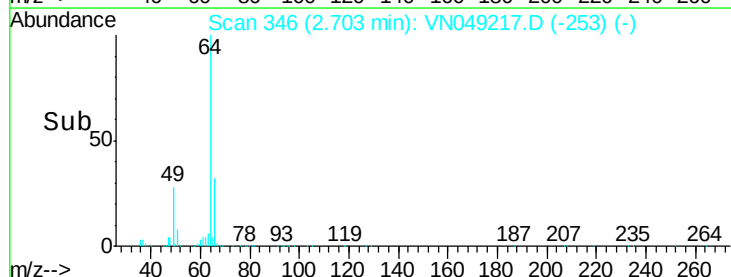
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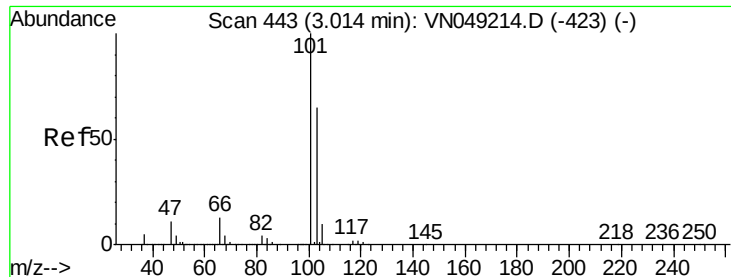
Time-->

2.60

2.70

2.80



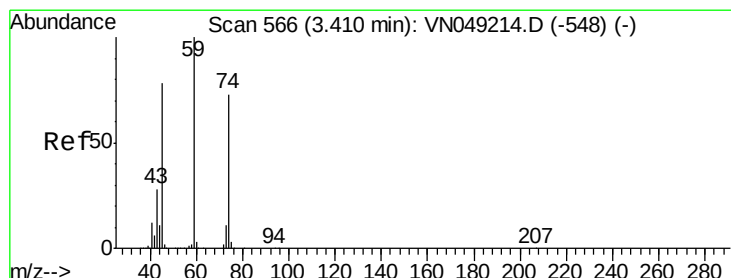
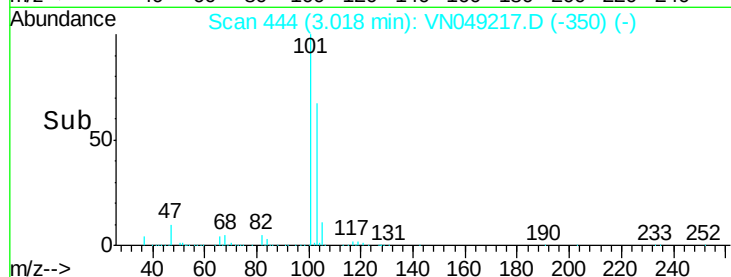
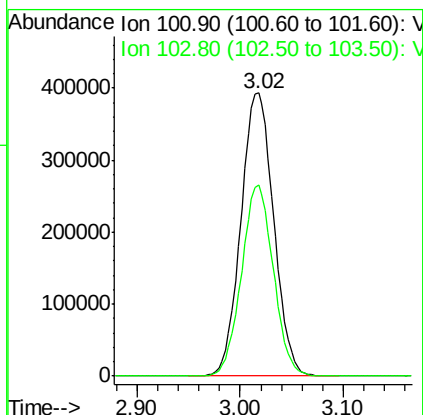
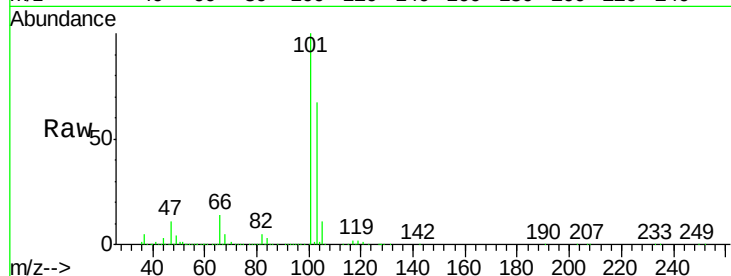


#7

Trichlorofluoromethane
 Concen: 41.38 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Instrument :
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 ICVVN061318

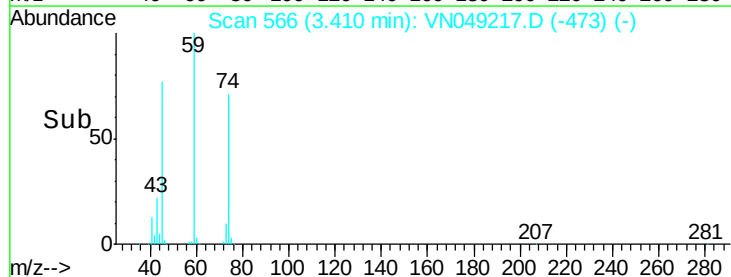
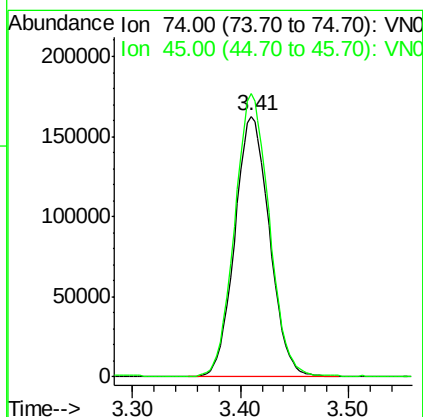
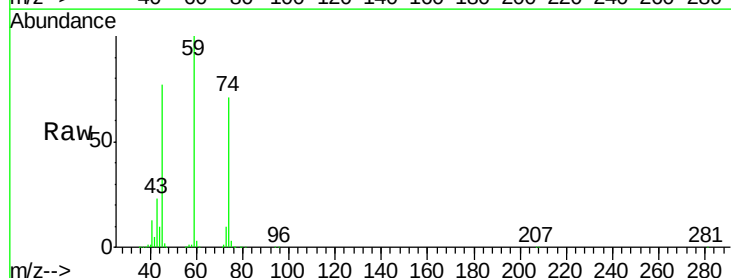
Tgt Ion:101 Resp: 868956
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.7 77.5

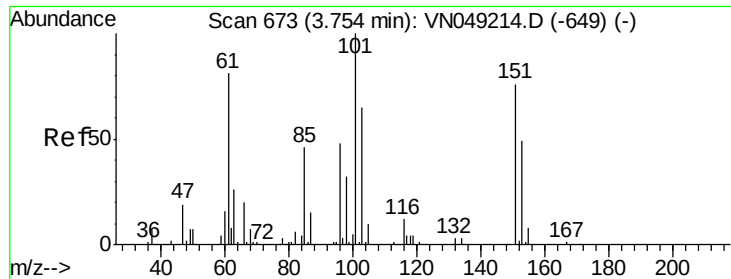


#8

Diethyl Ether
 Concen: 46.65 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 74 Resp: 363840
 Ion Ratio Lower Upper
 74 100
 45 107.8 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.81 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

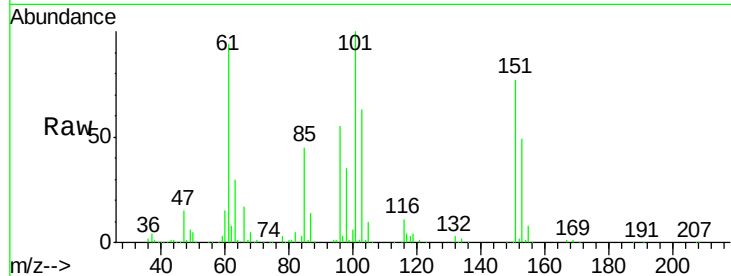
Tgt Ion:101 Resp: 609117

Ion Ratio Lower Upper

101 100

85 44.6 37.6 56.4

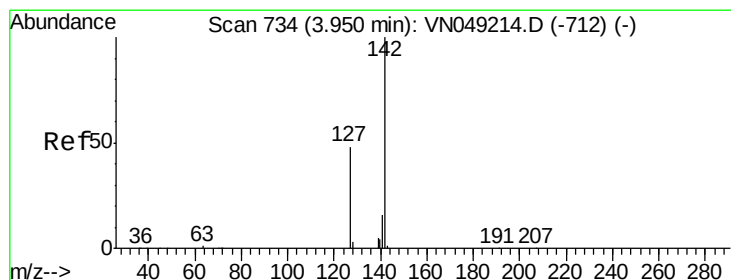
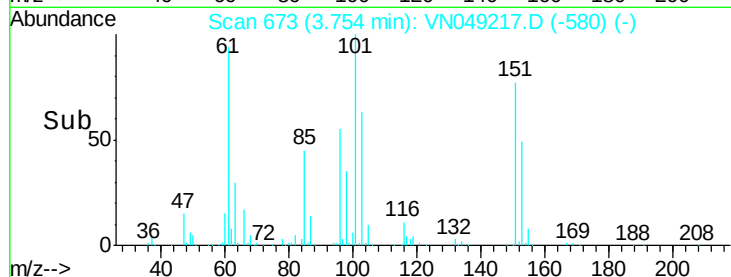
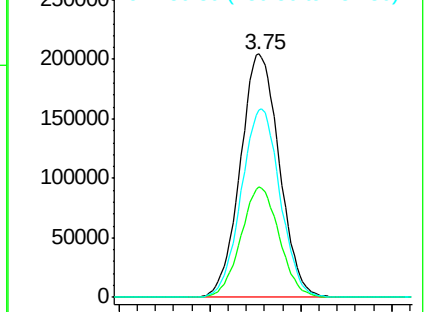
151 77.2 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN049217.D (-580) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.17 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

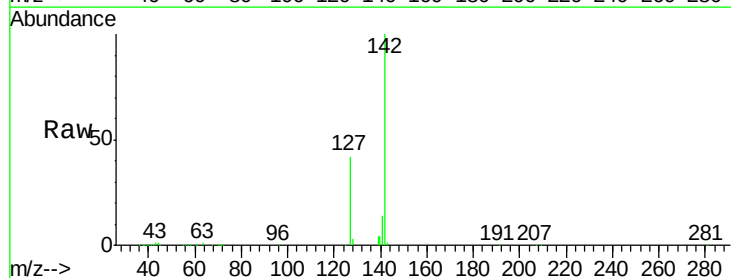
Tgt Ion:142 Resp: 649969

Ion Ratio Lower Upper

142 100

127 43.0 38.2 57.4

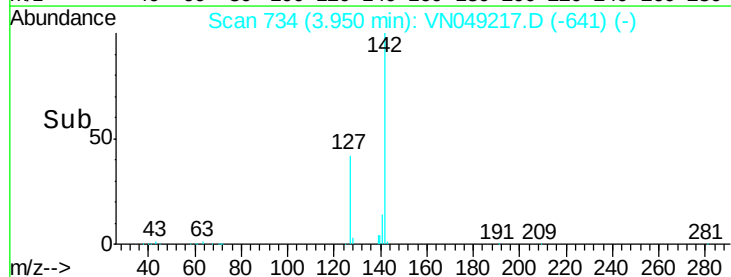
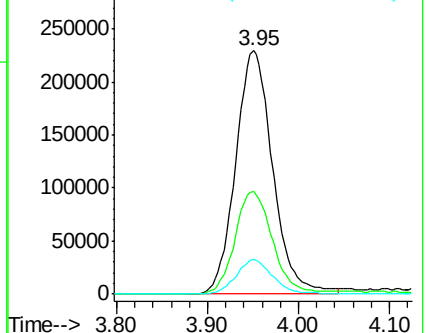
141 14.1 11.9 17.9

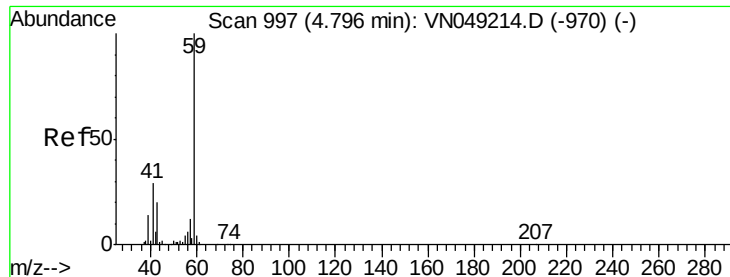


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



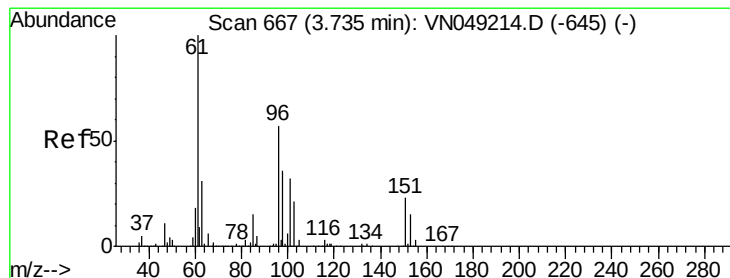
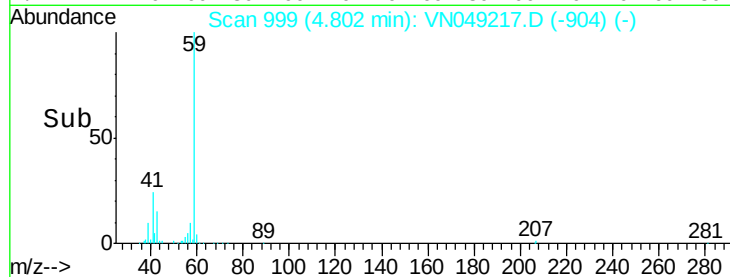
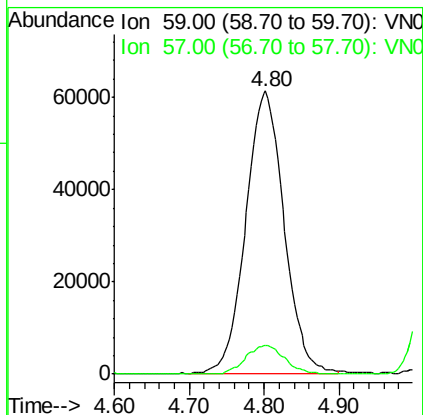
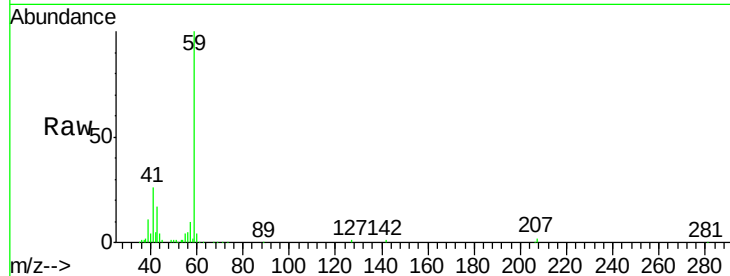


#11

Tert butyl alcohol
 Concen: 250.12 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

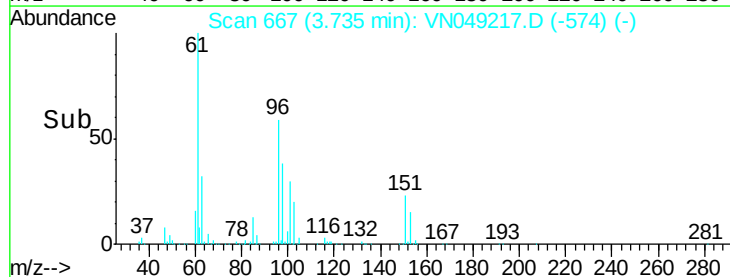
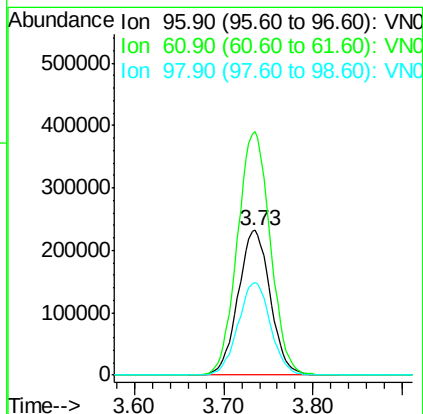
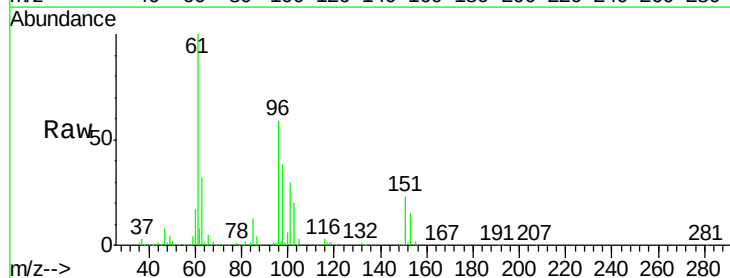
Tgt Ion: 59 Resp: 217570
 Ion Ratio Lower Upper
 59 100
 57 9.6 9.0 13.6

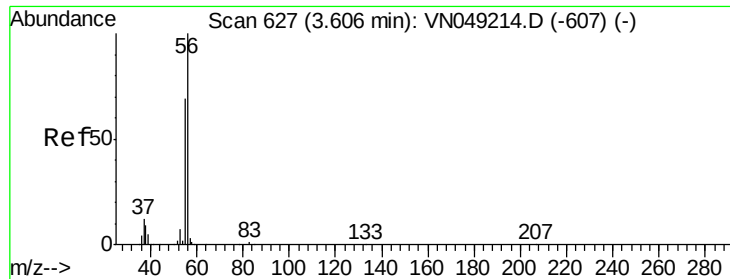


#12

1,1-Dichloroethene
 Concen: 46.84 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 96 Resp: 578167
 Ion Ratio Lower Upper
 96 100
 61 168.5 141.0 211.4
 98 64.2 50.4 75.6





#13

Acrolein

Concen: 265.16 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

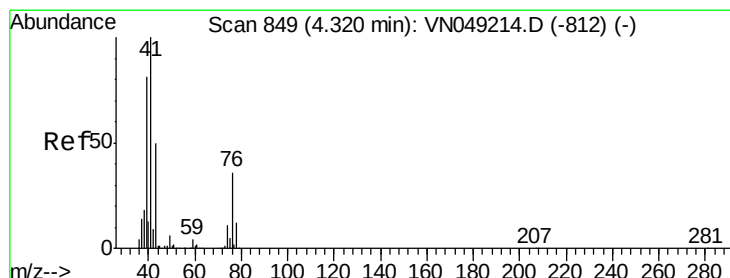
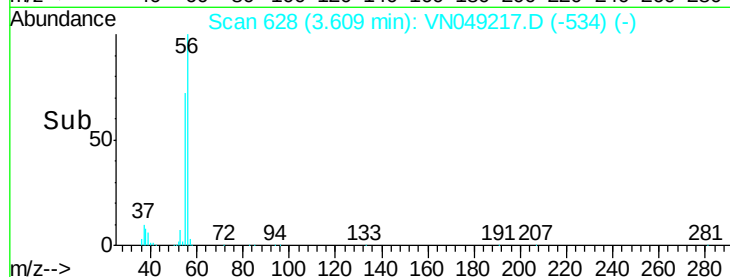
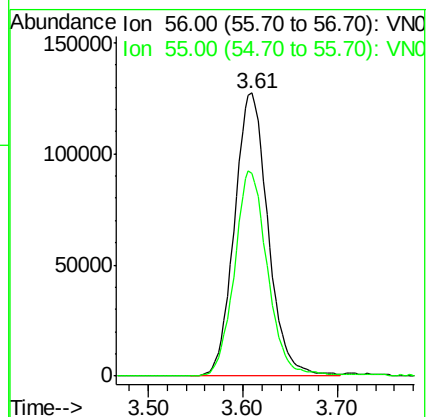
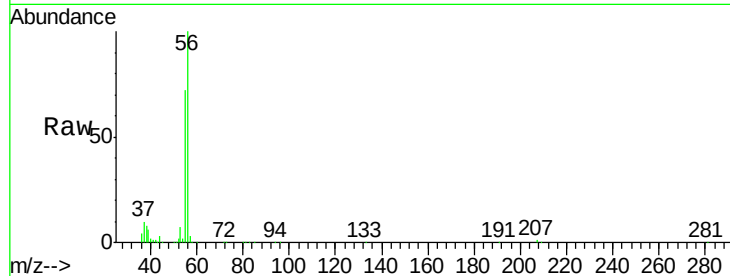
ICVVN061318

Tgt Ion: 56 Resp: 314041

Ion Ratio Lower Upper

56 100

55 71.4 57.1 85.7



#14

Allyl chloride

Concen: 48.67 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

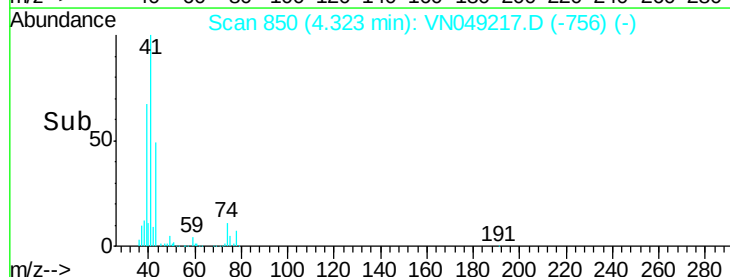
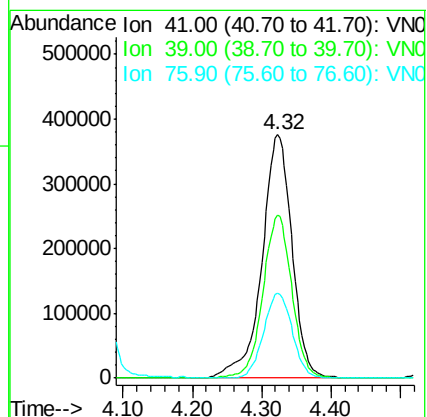
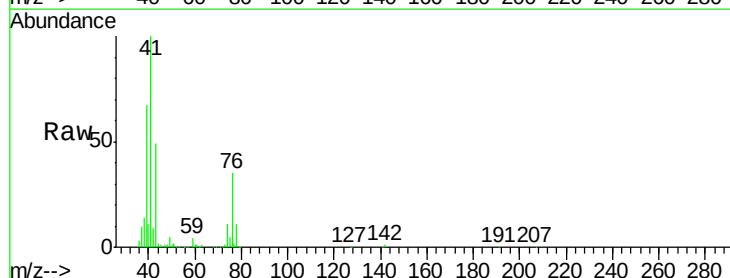
Tgt Ion: 41 Resp: 1128230

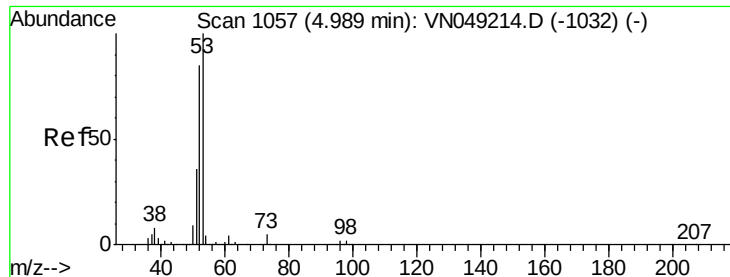
Ion Ratio Lower Upper

41 100

39 64.1 62.5 93.7

76 33.0 27.1 40.7





#15

Acrylonitrile

Concen: 247.95 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

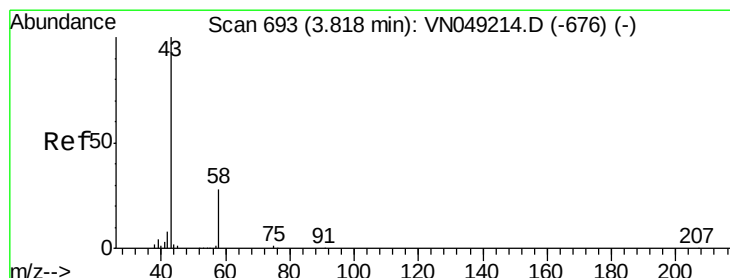
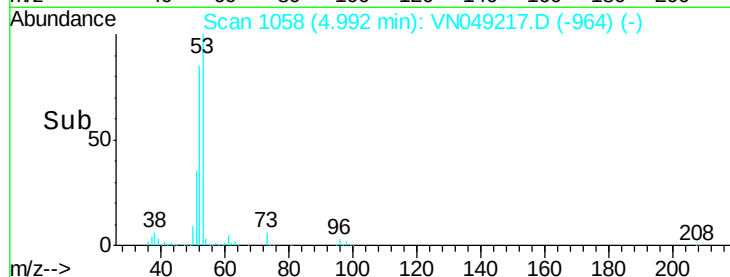
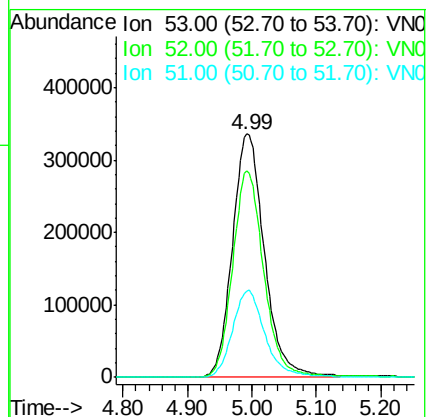
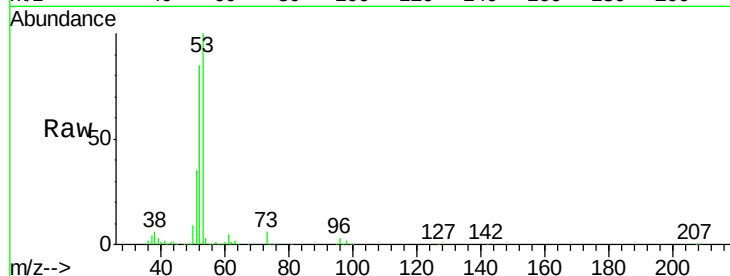
Tgt Ion: 53 Resp: 1160880

Ion Ratio Lower Upper

53 100

52 82.3 66.6 100.0

51 36.2 29.8 44.8



#16

Acetone

Concen: 223.35 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049217.D

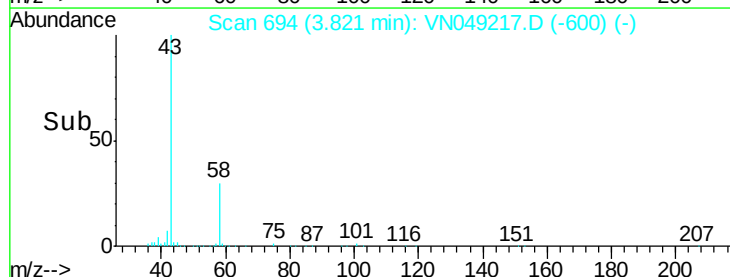
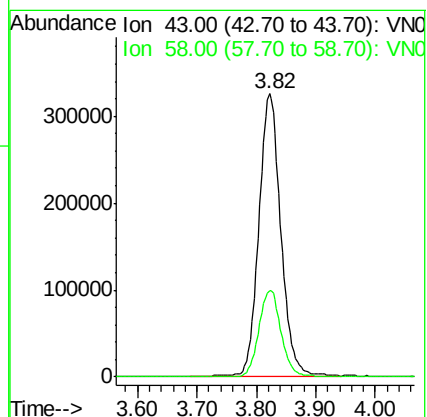
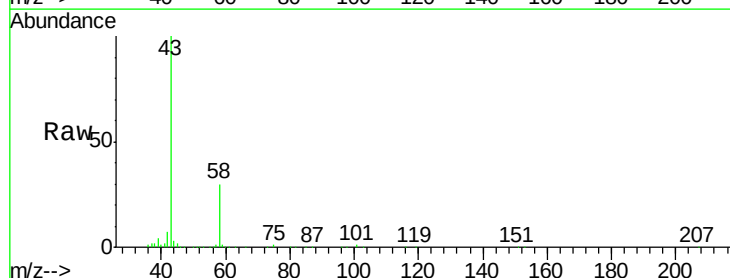
Acq: 13 Jun 2018 22:44

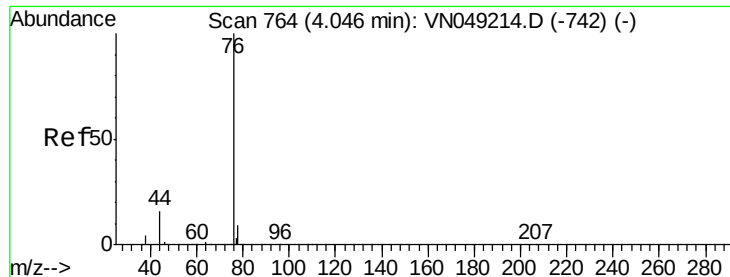
Tgt Ion: 43 Resp: 851655

Ion Ratio Lower Upper

43 100

58 30.4 22.4 33.6

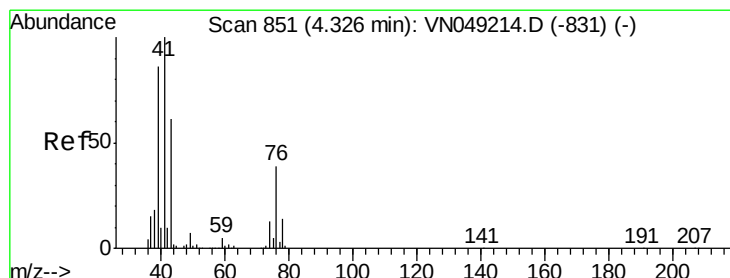
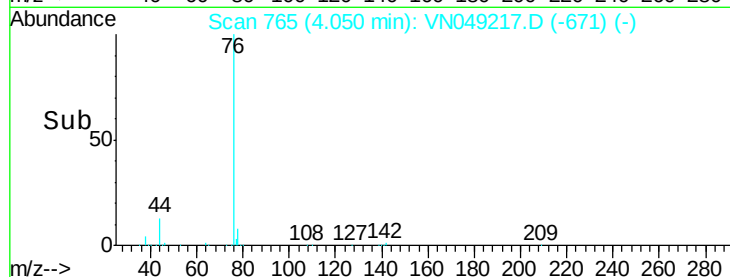
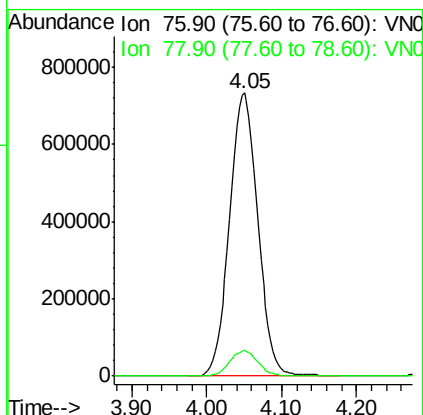
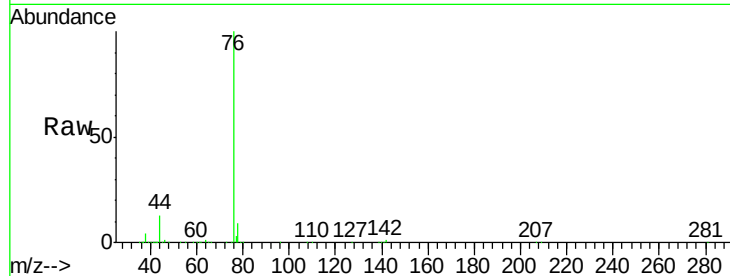




#17
Carbon Disulfide
Concen: 45.91 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

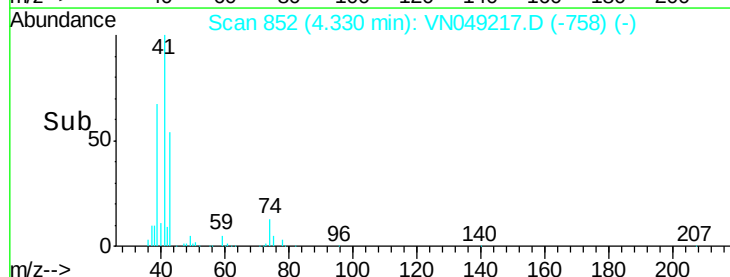
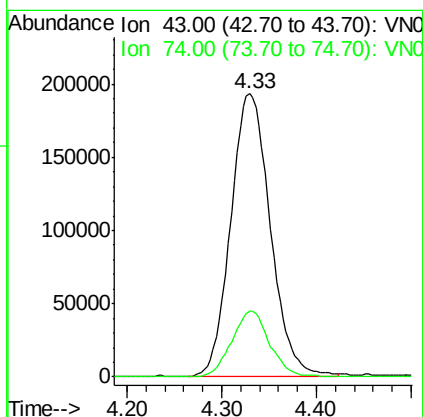
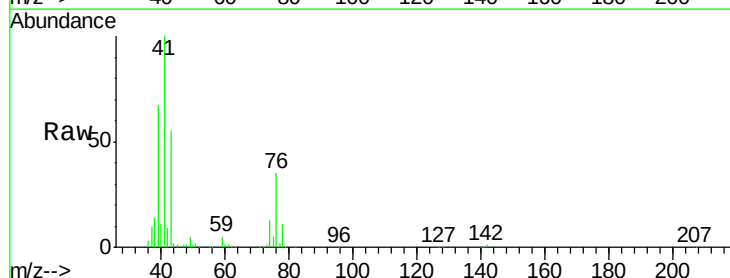
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

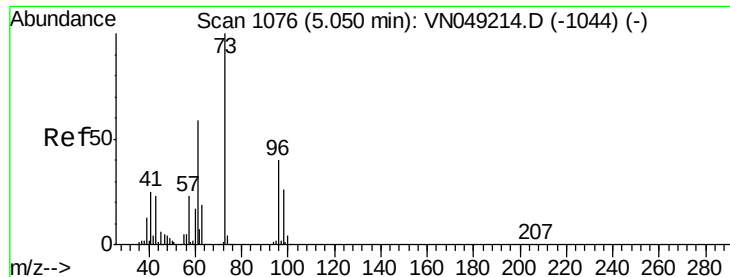
Tgt Ion: 76 Resp: 1933188
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.09 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 43 Resp: 559542
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

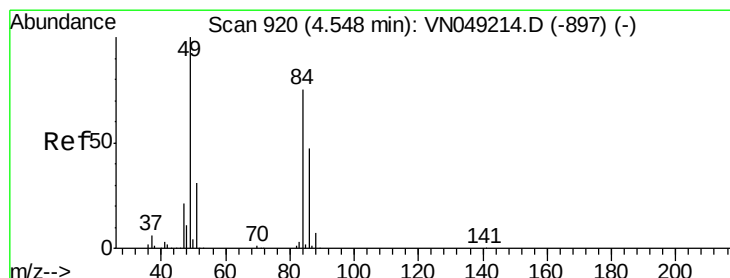
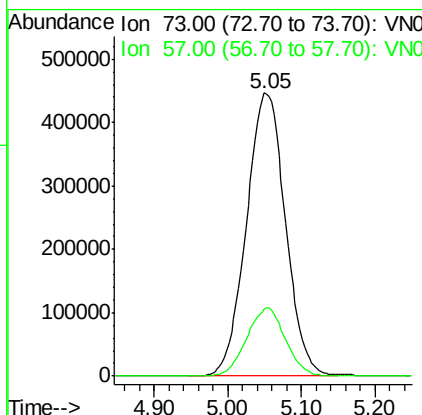
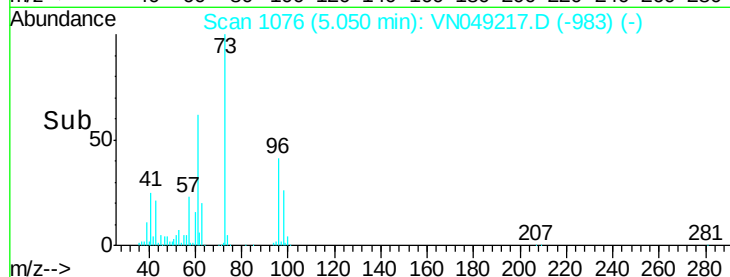
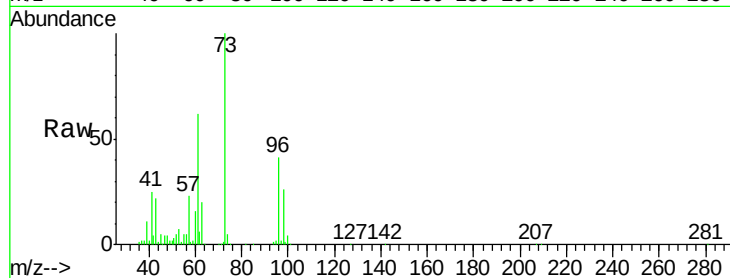




#19
Methyl tert-butyl Ether
Concen: 48.98 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

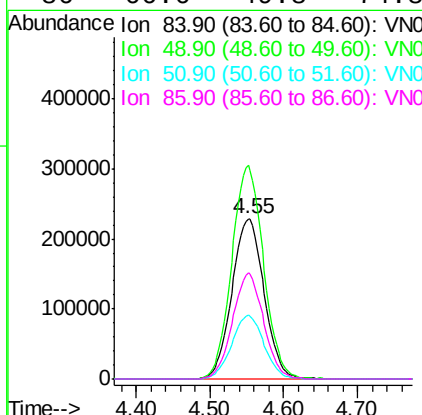
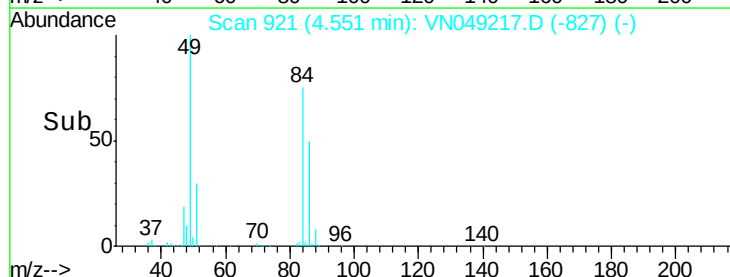
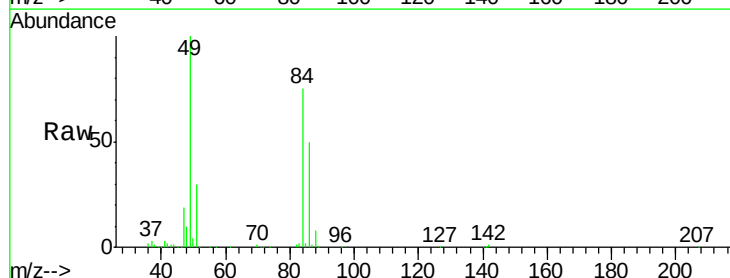
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

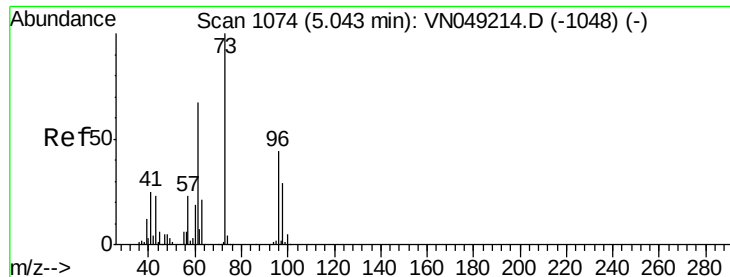
Tgt Ion: 73 Resp: 1647237
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 44.83 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 84 Resp: 694231
Ion Ratio Lower Upper
84 100
49 133.3 106.9 160.3
51 39.7 32.7 49.1
86 66.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 45.74 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

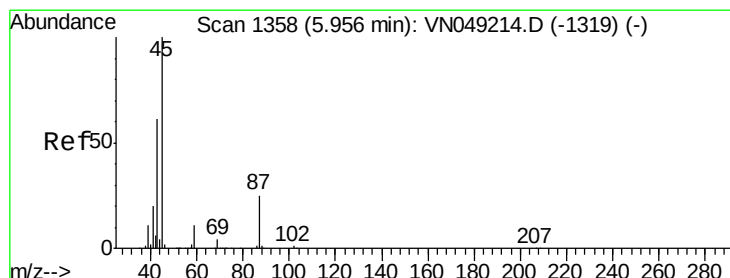
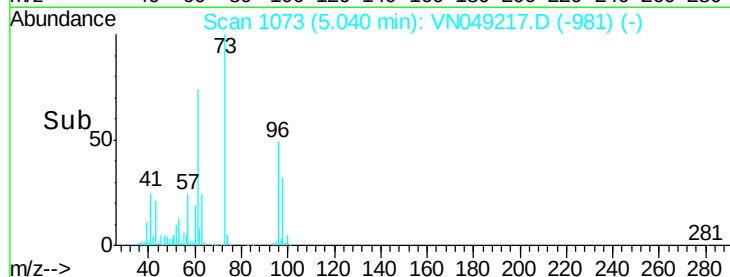
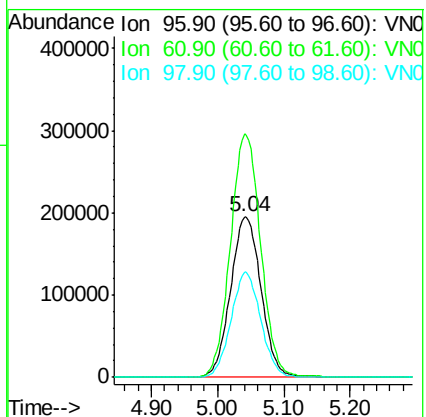
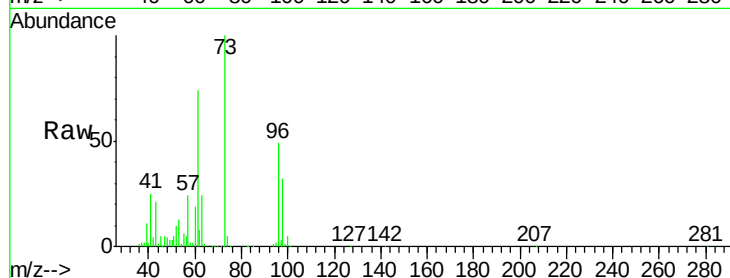
Tgt Ion: 96 Resp: 625900

Ion Ratio Lower Upper

96 100

61 151.5 121.3 181.9

98 65.6 52.0 78.0



#22

Diisopropyl ether

Concen: 49.67 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Tgt Ion: 45 Resp: 2298273

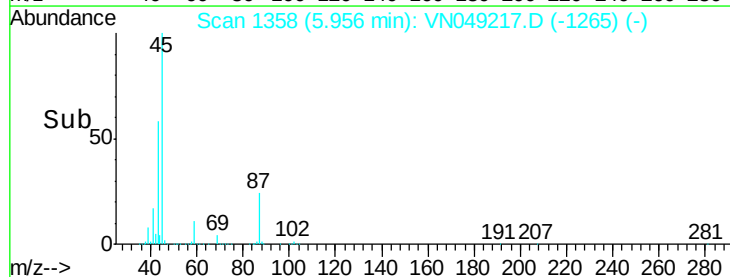
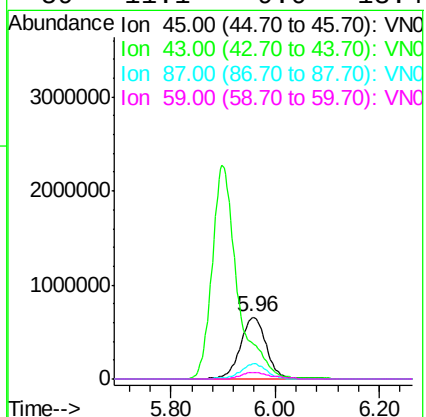
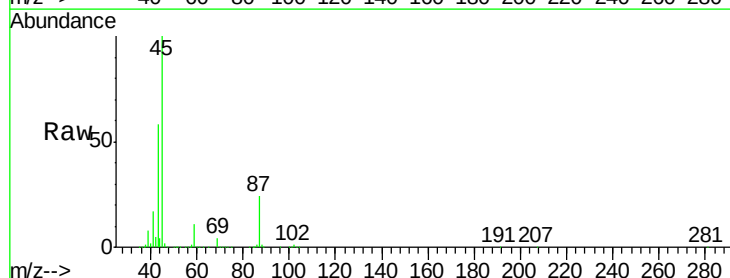
Ion Ratio Lower Upper

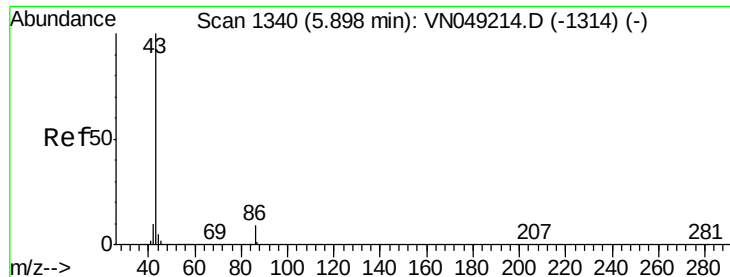
45 100

43 57.0 48.6 72.8

87 23.8 20.2 30.2

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 251.08 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

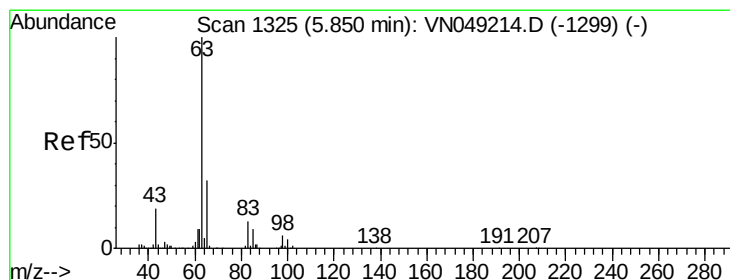
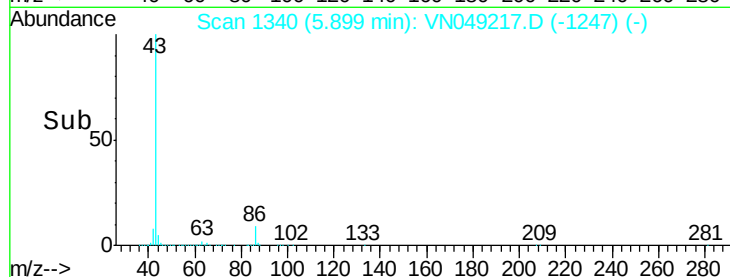
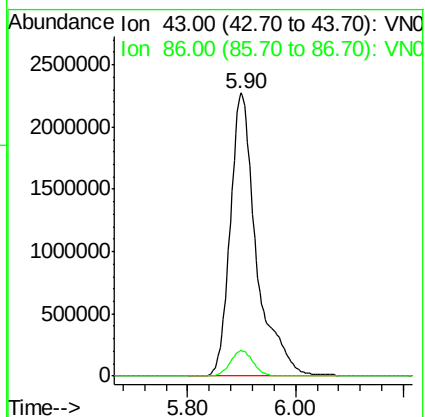
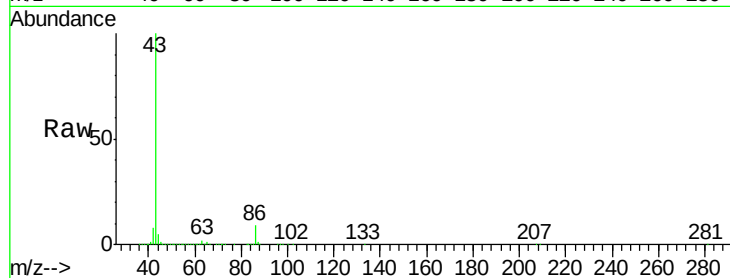
ICVVN061318

Tgt Ion: 43 Resp: 7679377

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



#24

1,1-Dichloroethane

Concen: 45.37 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

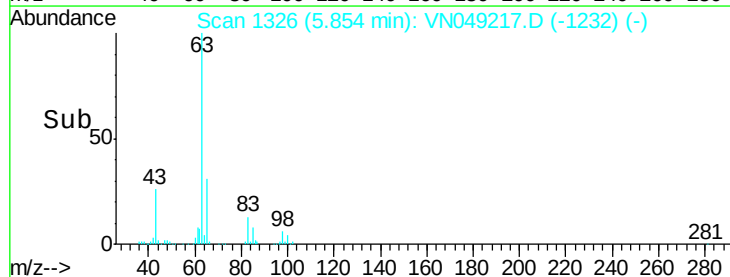
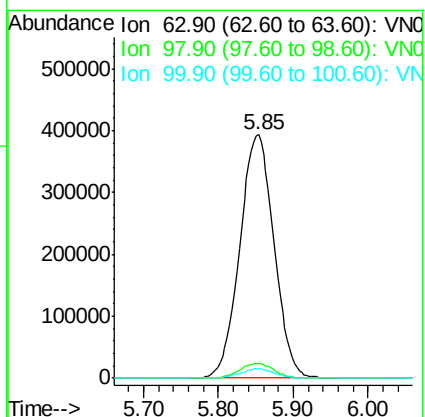
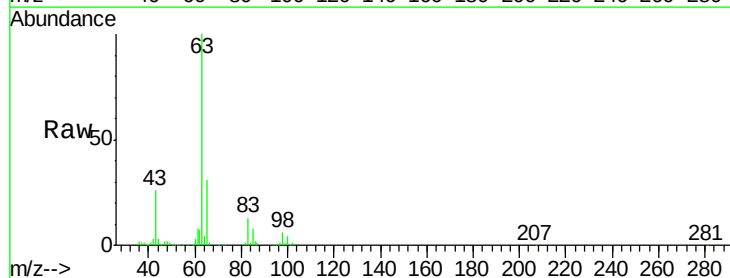
Tgt Ion: 63 Resp: 1250974

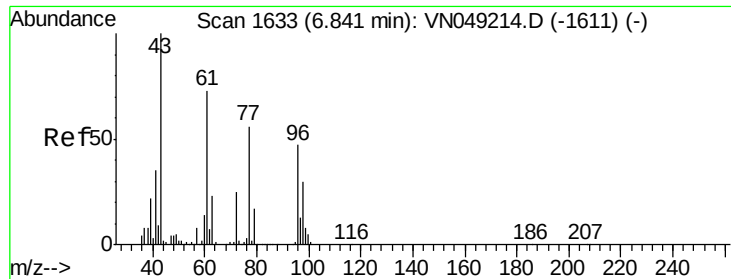
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 2.1 6.3





#25

2-Butanone

Concen: 237.50 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampled :

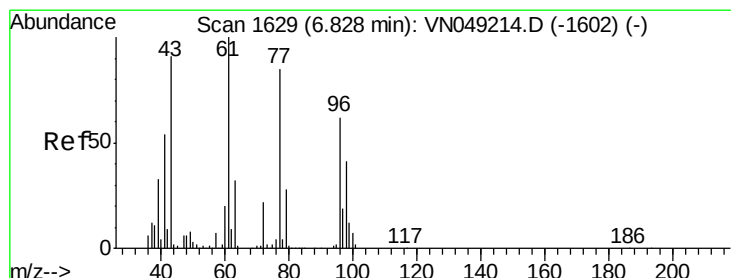
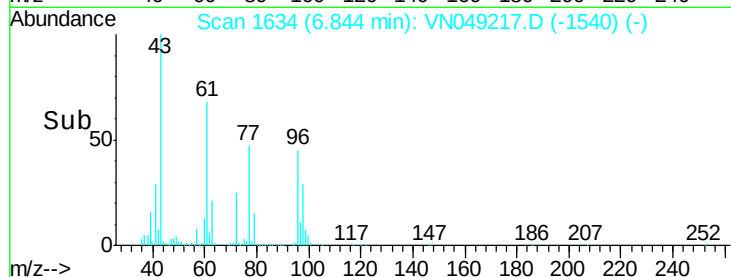
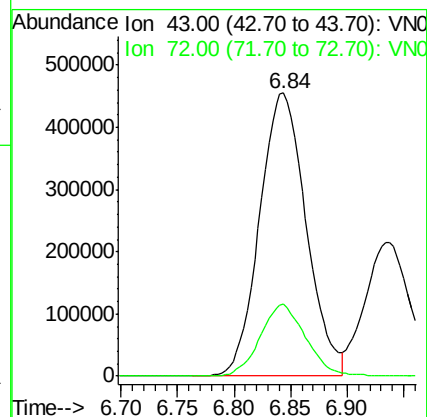
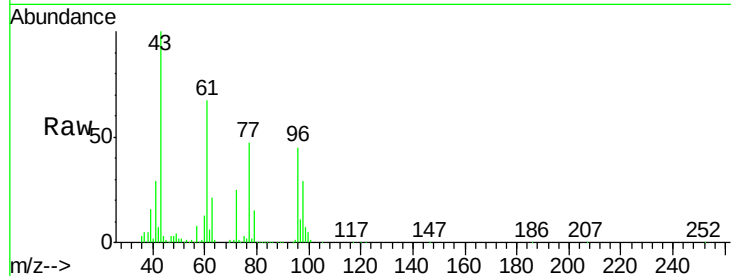
ICVVN061318

Tgt Ion: 43 Resp: 1296779

Ion Ratio Lower Upper

43 100

72 25.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 44.58 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049217.D

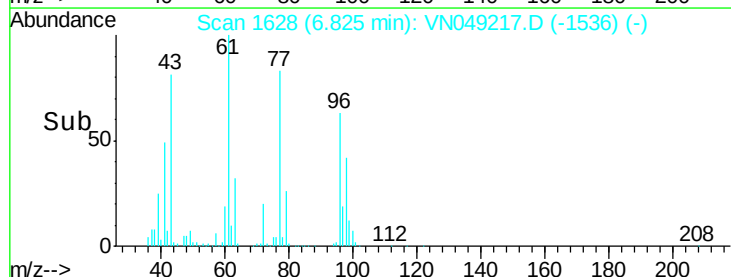
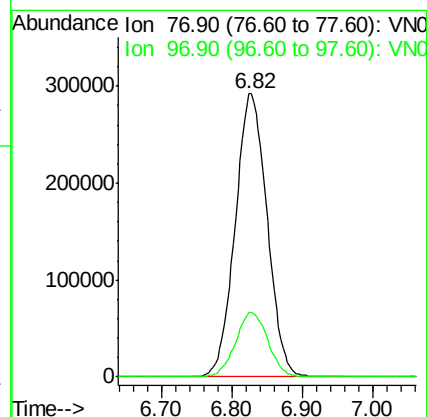
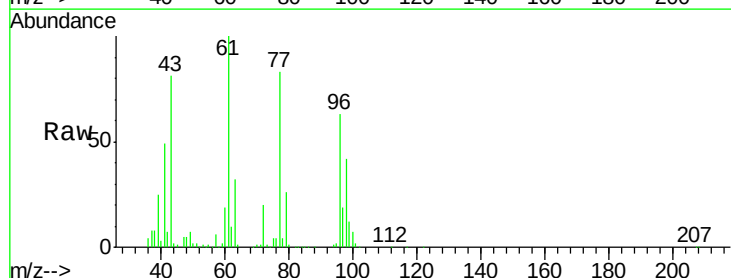
Acq: 13 Jun 2018 22:44

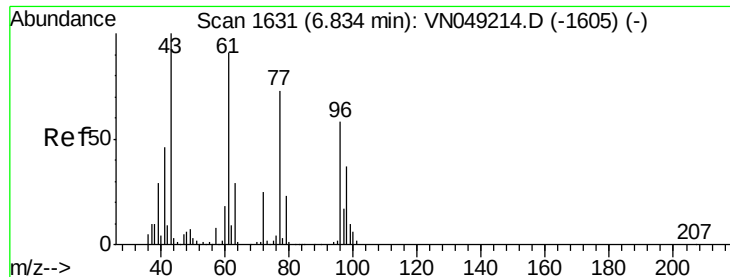
Tgt Ion: 77 Resp: 921748

Ion Ratio Lower Upper

77 100

97 23.1 11.0 33.0

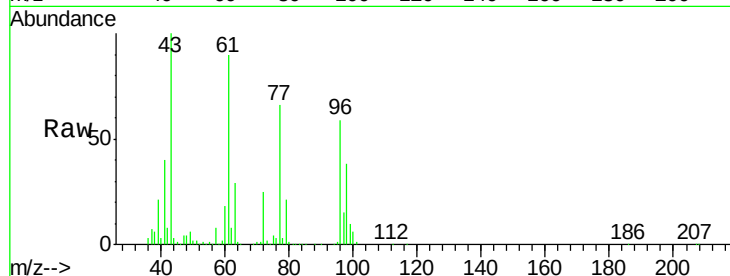




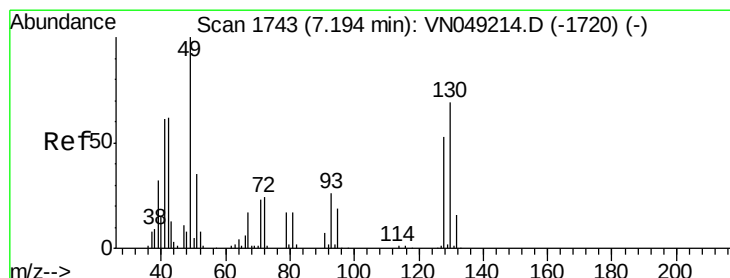
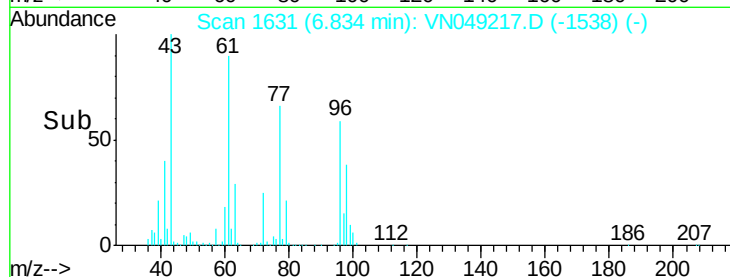
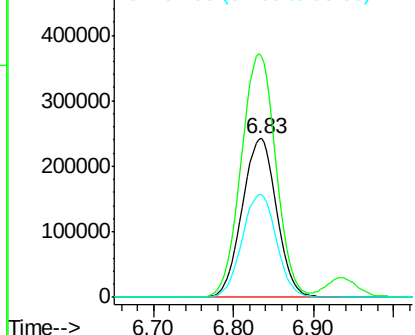
#27
 cis-1,2-Dichloroethene
 Concen: 47.68 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

Tgt Ion: 96 Resp: 710535
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 316.4
 98 64.6 0.0 128.4

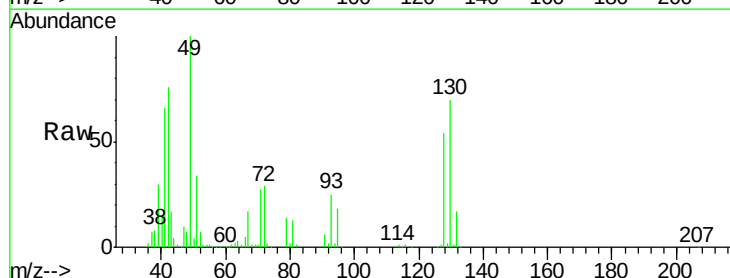


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

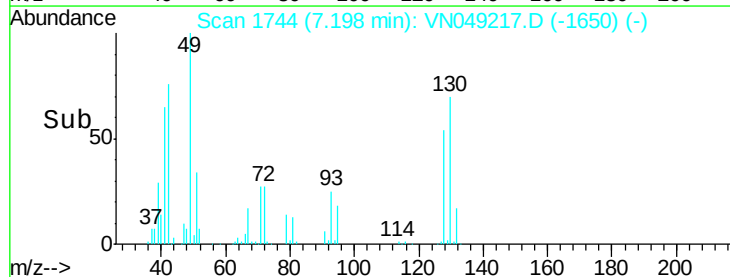
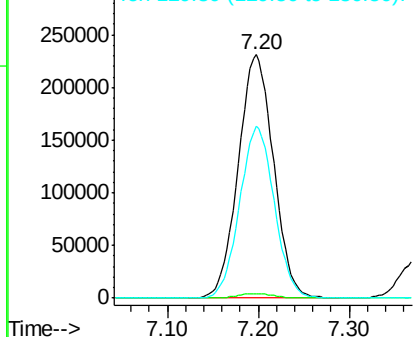


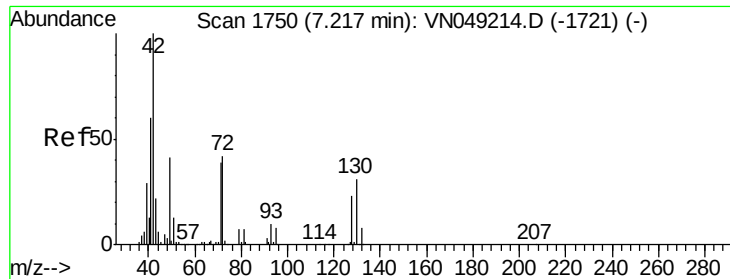
#28
 Bromochloromethane
 Concen: 47.58 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 49 Resp: 622682
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 69.2 54.9 82.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.14 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

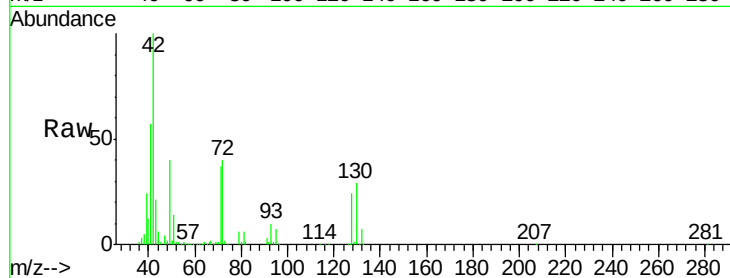
Tgt Ion: 42 Resp: 878635

Ion Ratio Lower Upper

42 100

72 39.2 32.2 48.4

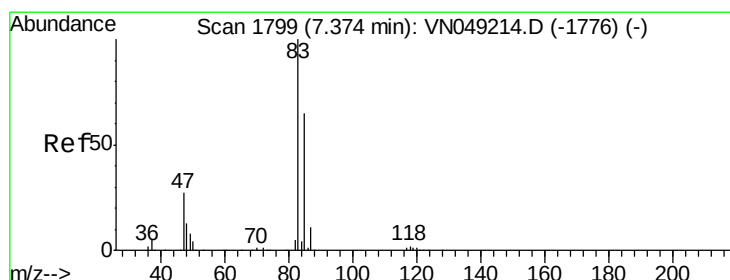
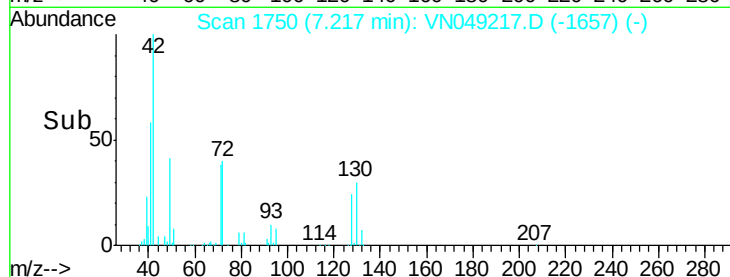
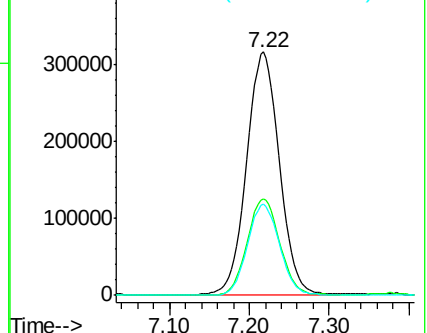
71 36.8 30.5 45.7



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: 45.04 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049217.D

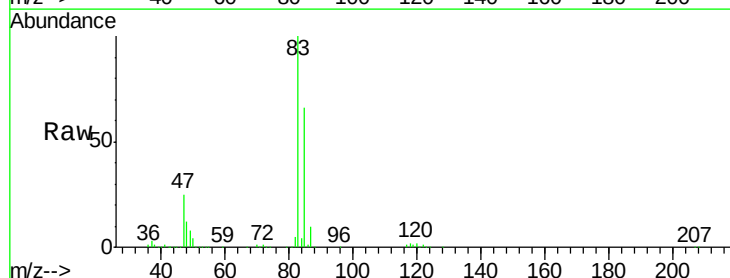
Acq: 13 Jun 2018 22:44

Tgt Ion: 83 Resp: 1193207

Ion Ratio Lower Upper

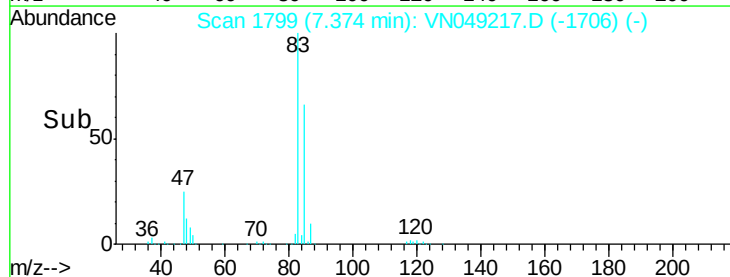
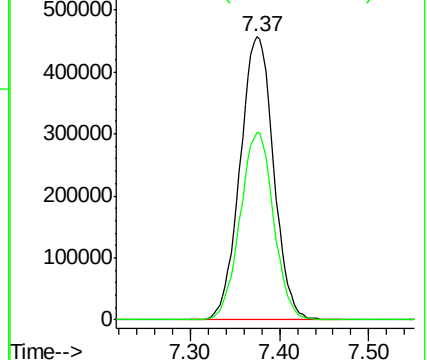
83 100

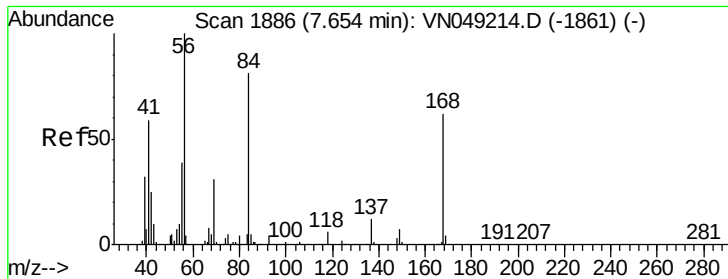
85 66.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

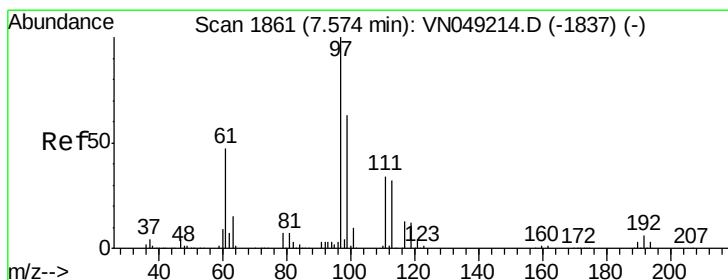
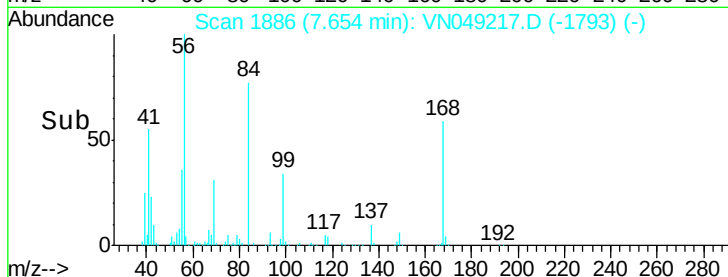
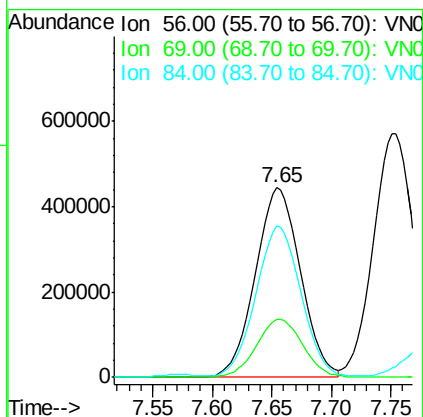
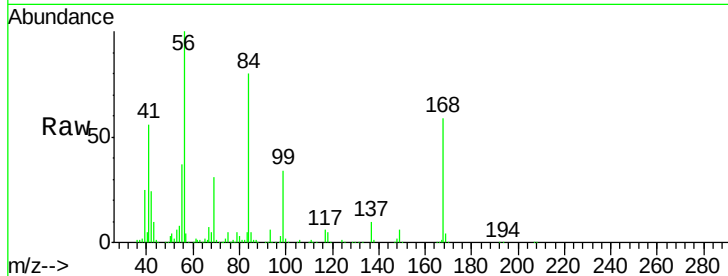




#31
Cyclohexane
Concen: 49.10 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

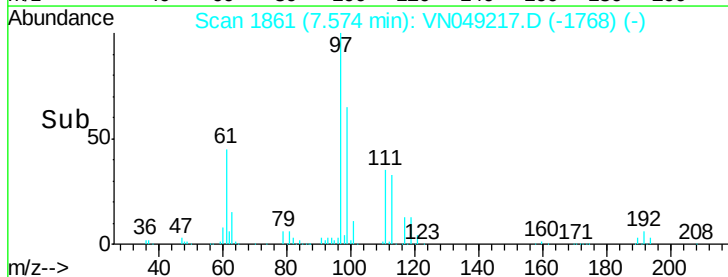
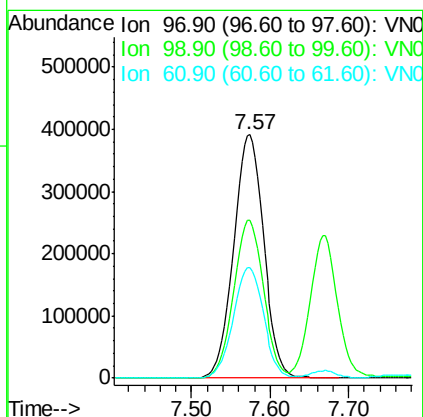
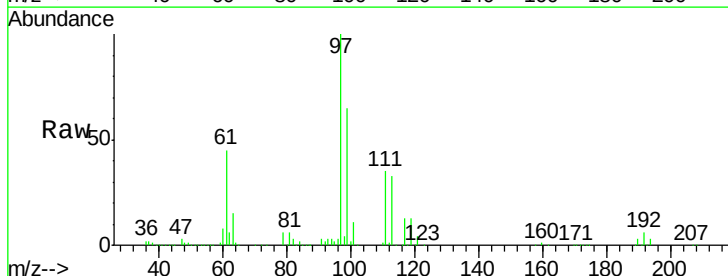
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

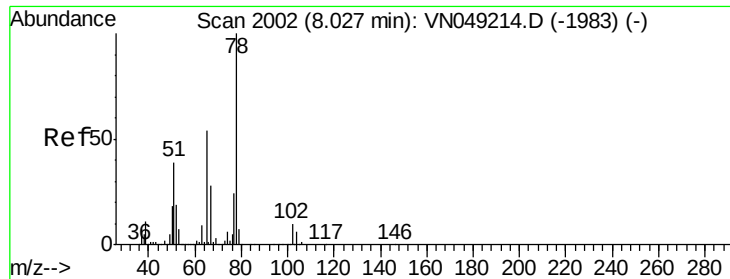
Tgt Ion: 56 Resp: 1165685
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.4
84 78.2 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 45.71 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 97 Resp: 1043028
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 45.6 37.9 56.9

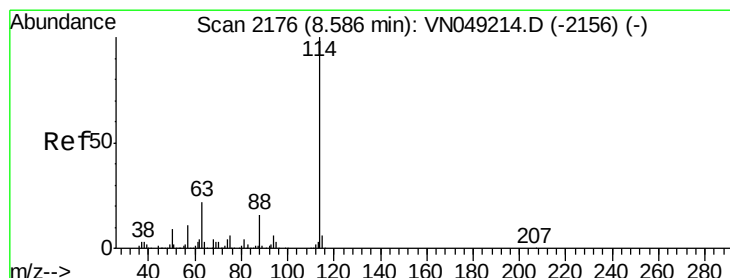
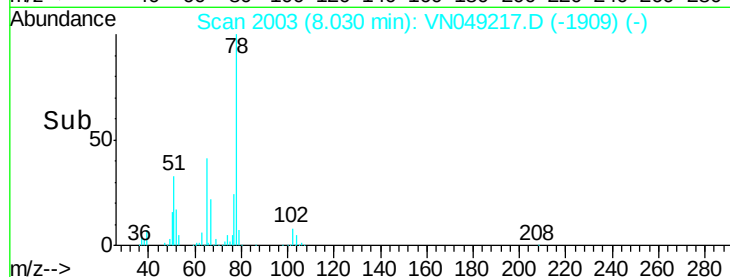
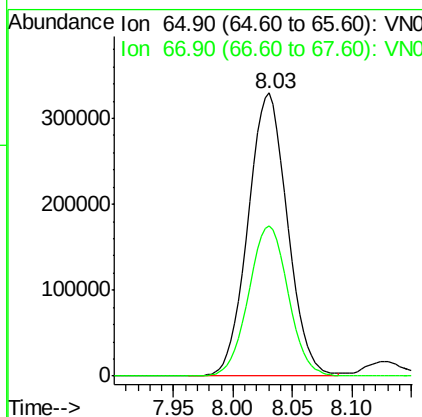
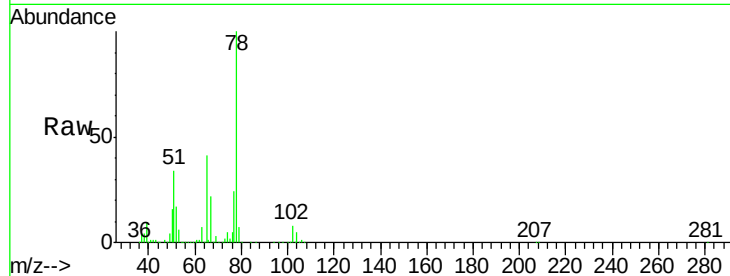




#33
 1,2-Dichloroethane-d4
 Concen: 47.43 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

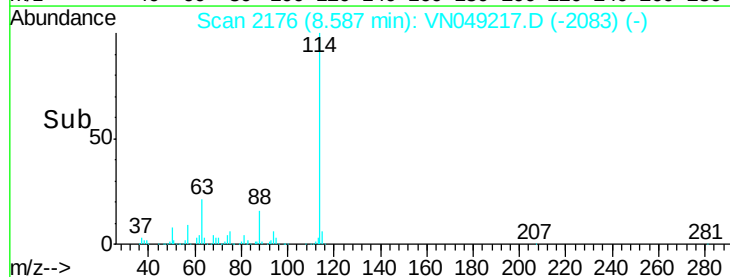
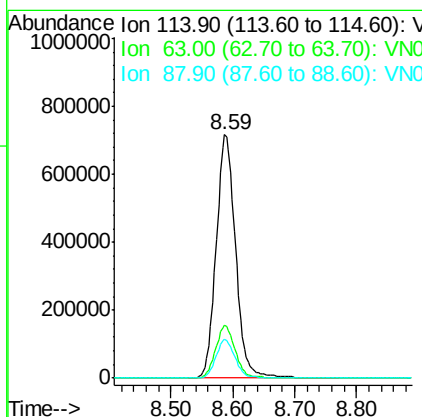
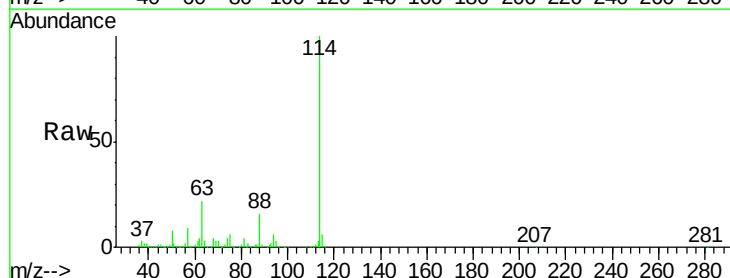
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

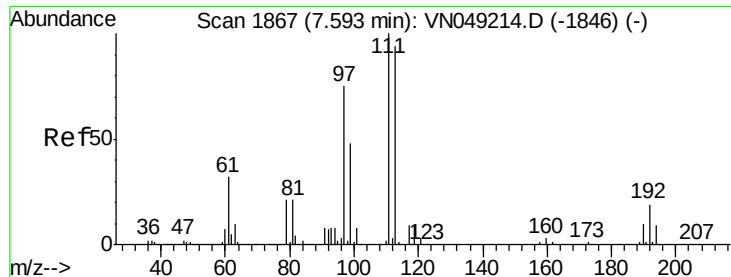
Tgt Ion: 65 Resp: 756912
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 114 Resp: 1559746
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.4
 88 15.9 0.0 31.4

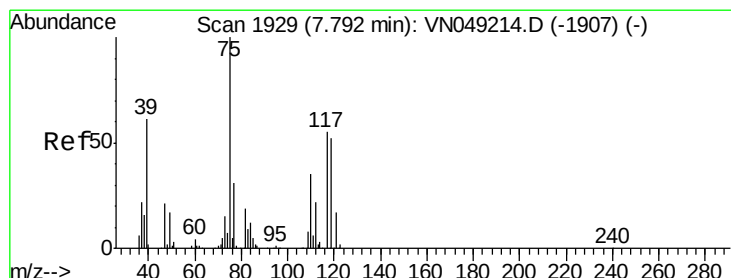
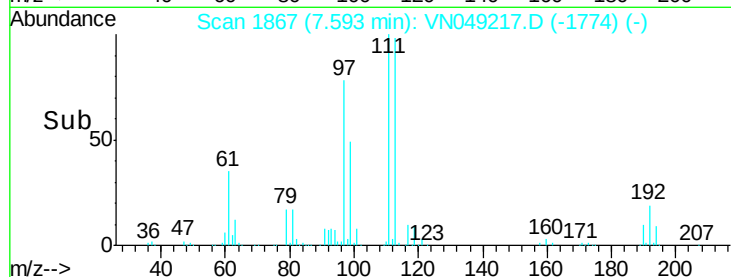
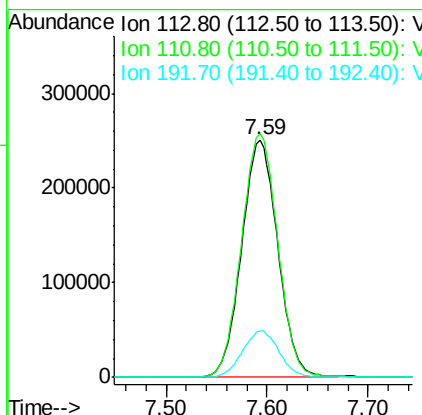
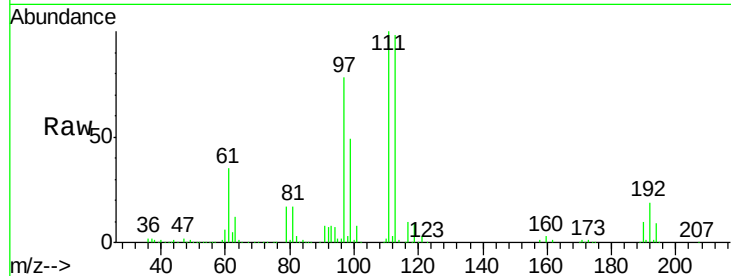




#35
 Dibromofluoromethane
 Concen: 48.20 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

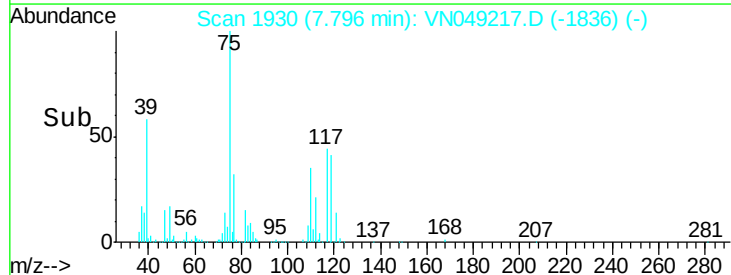
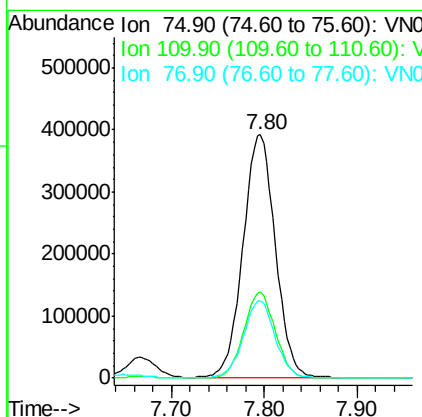
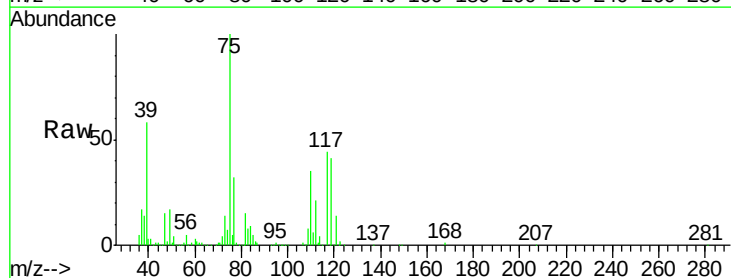
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

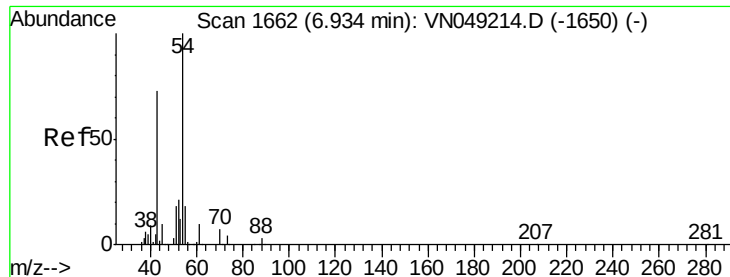
Tgt Ion: 113 Resp: 622277
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.0 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 48.50 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 75 Resp: 945180
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.0 50.9
 77 31.4 24.4 36.6

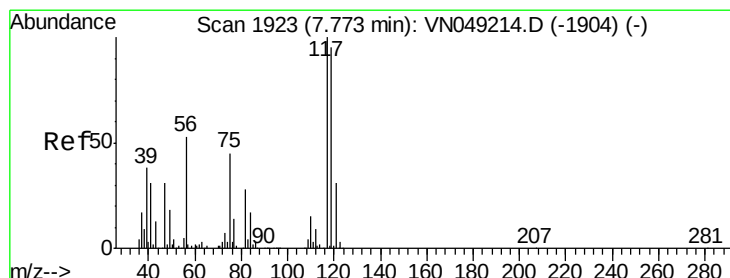
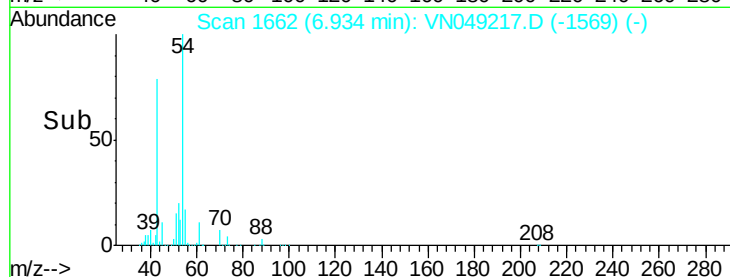
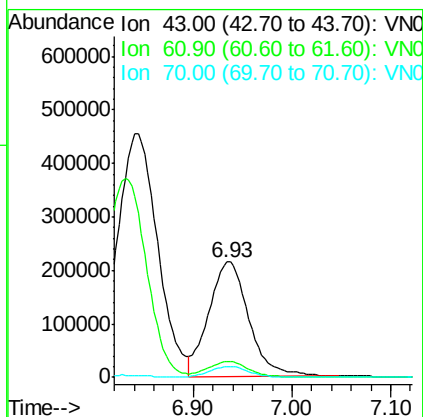
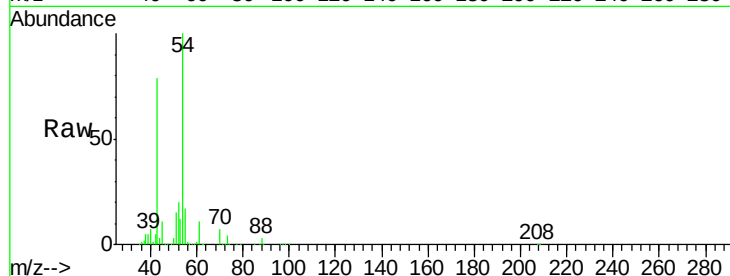




#37
Ethyl Acetate
Concen: 49.33 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

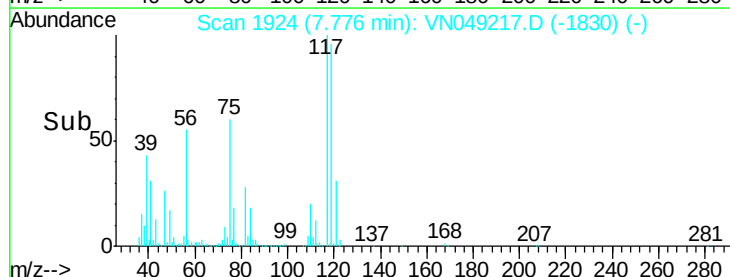
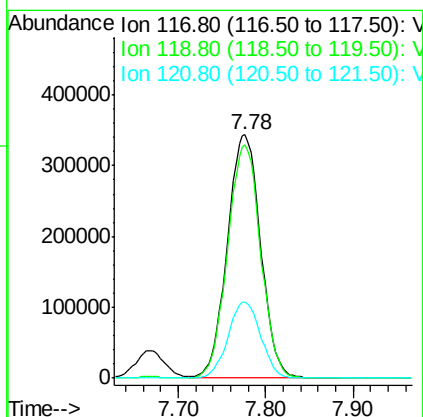
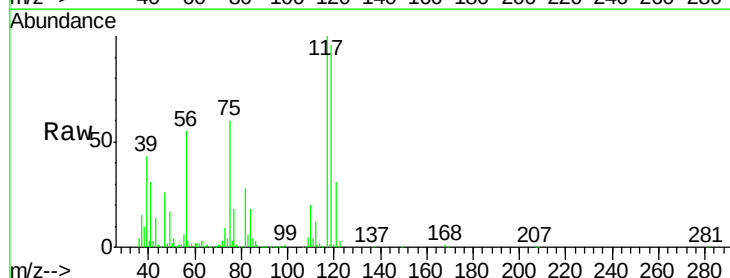
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

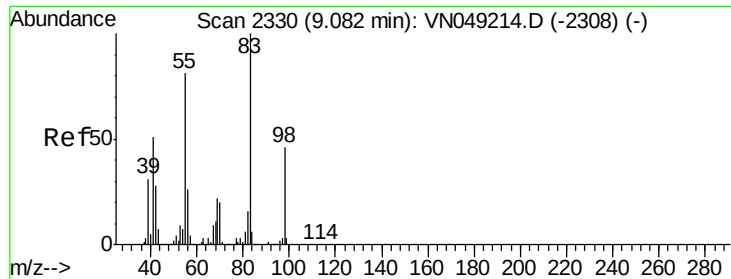
Tgt Ion: 43 Resp: 606805
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 46.13 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 117 Resp: 905654
Ion Ratio Lower Upper
117 100
119 95.9 75.6 113.4
121 31.3 24.7 37.1

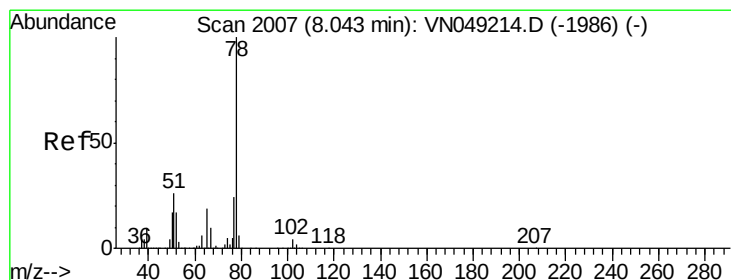
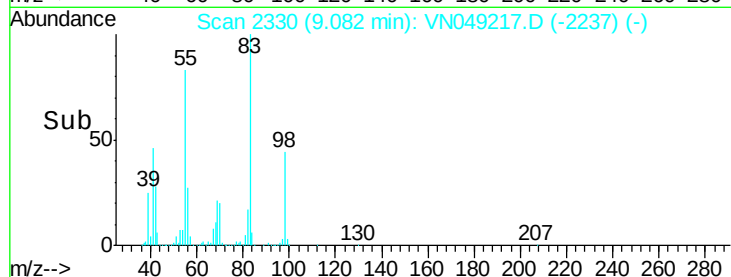
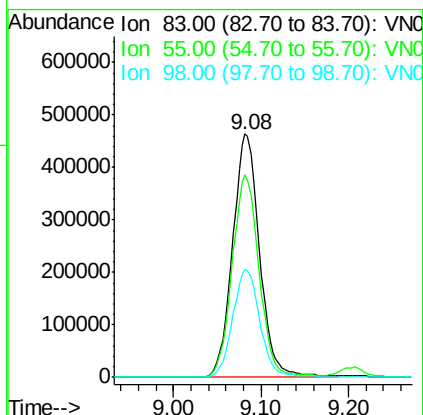
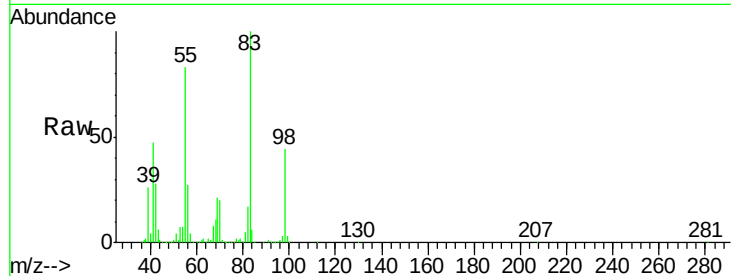




#39
Methylcyclohexane
Concen: 49.41 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

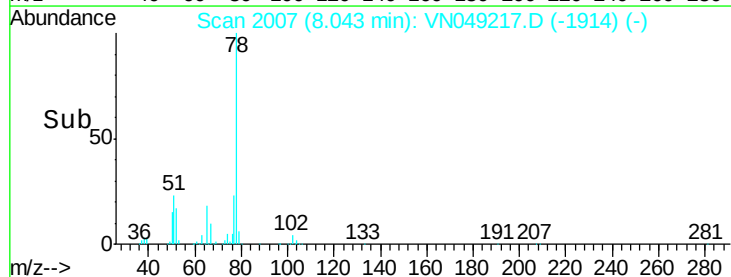
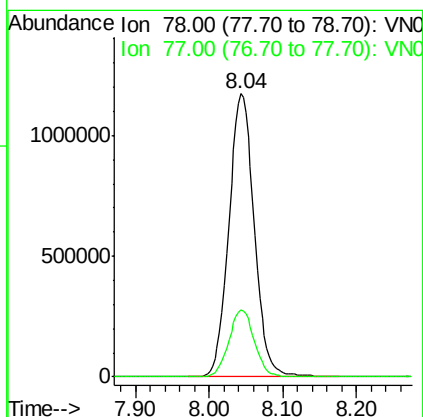
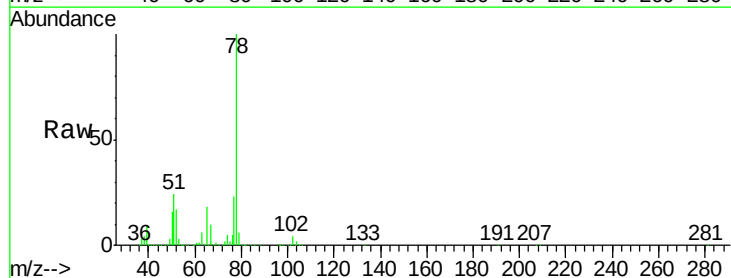
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

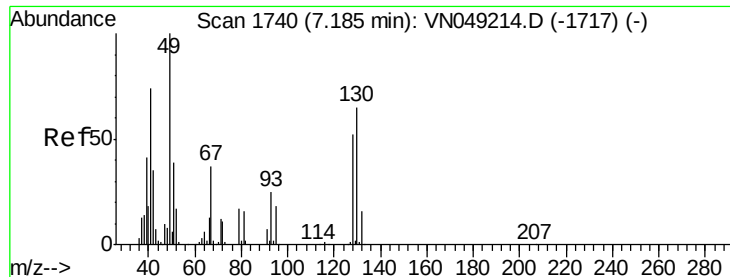
Tgt Ion: 83 Resp: 994665
Ion Ratio Lower Upper
83 100
55 83.1 65.1 97.7
98 44.3 36.5 54.7



#40
Benzene
Concen: 47.56 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 78 Resp: 2807779
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

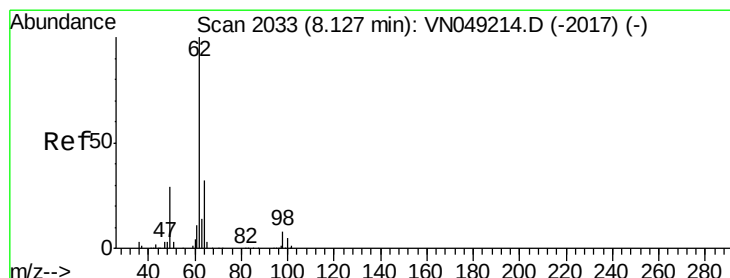
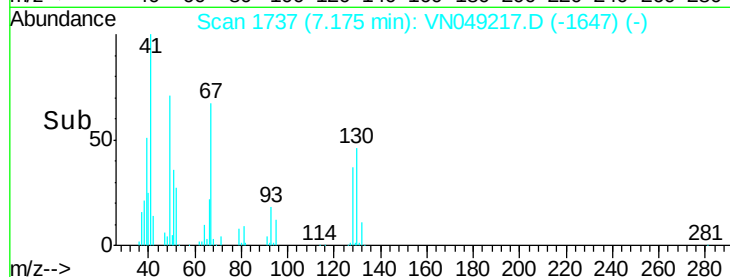
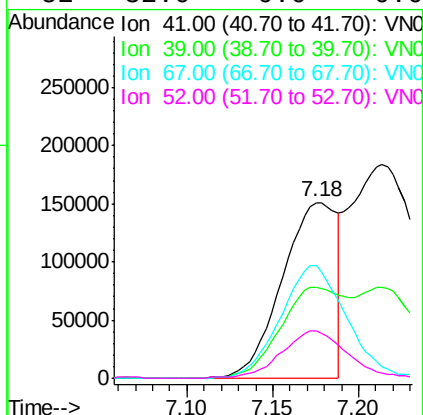
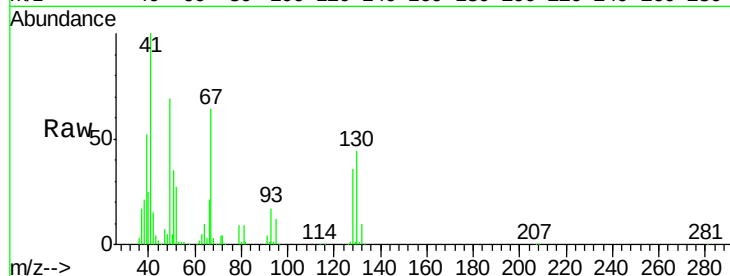




#41
Methacrylonitrile
Concen: 47.69 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

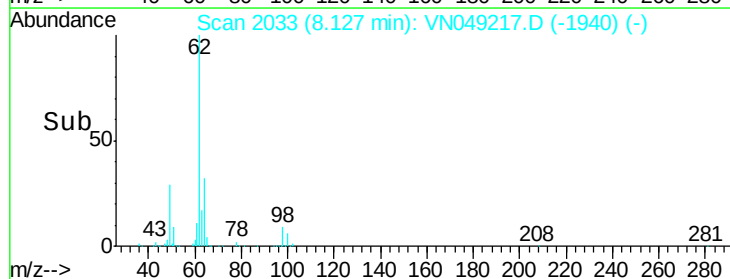
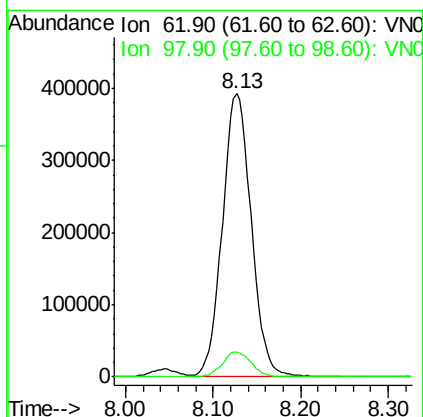
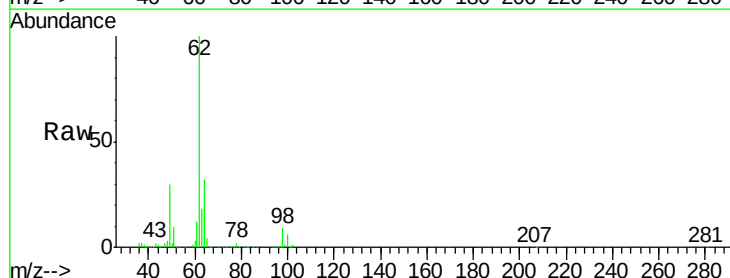
Instrument :
MSVOA_N
ClientSampled :
ICVVN061318

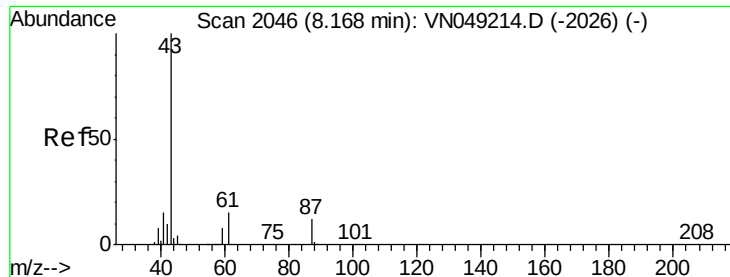
Tgt Ion:	41	Resp:	331908
Ion	Ratio	Lower	Upper
41	100		
39	60.8	0.0	0.0#
67	78.7	0.0	0.0#
52	32.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 45.97 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion:	62	Resp:	895686
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 49.86 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

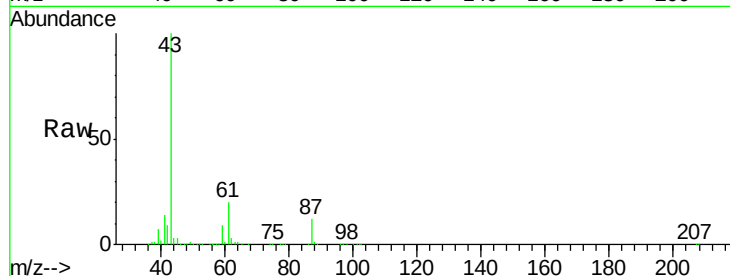
Tgt Ion: 43 Resp: 1127865

Ion Ratio Lower Upper

43 100

61 19.0 14.2 21.4

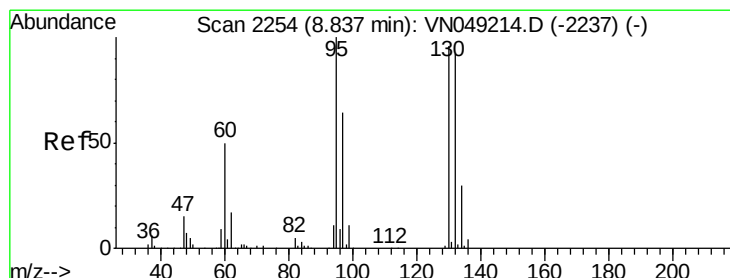
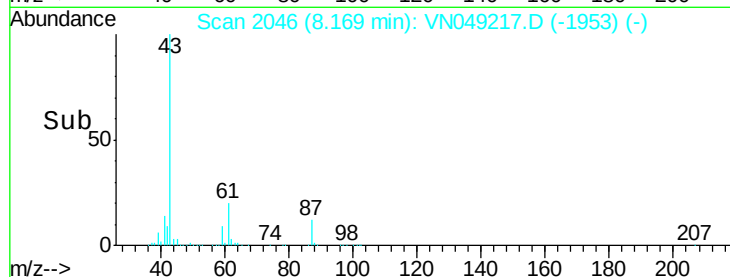
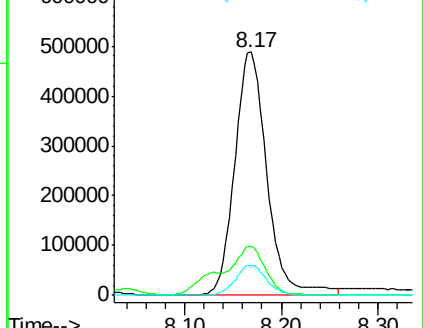
87 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049217.D (-2161) (-)

Ion 61.00 (60.70 to 61.70): VN049217.D (-2161) (-)

Ion 87.00 (86.70 to 87.70): VN049217.D (-2161) (-)



#44

Trichloroethene

Concen: 46.37 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049217.D

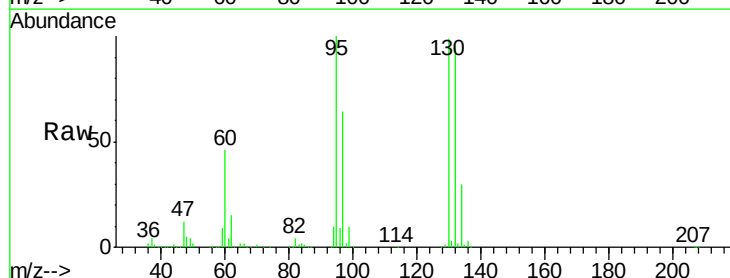
Acq: 13 Jun 2018 22:44

Tgt Ion: 130 Resp: 683660

Ion Ratio Lower Upper

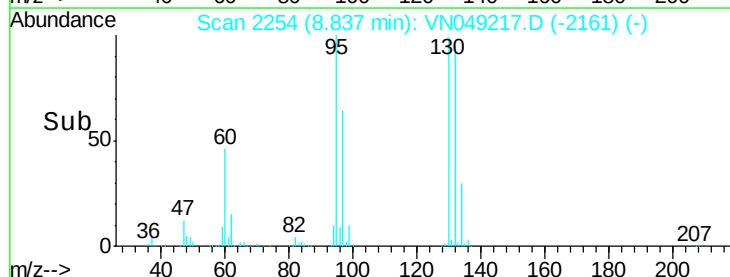
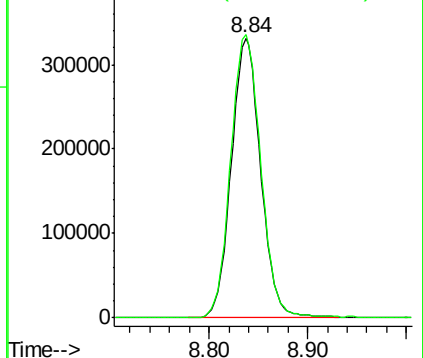
130 100

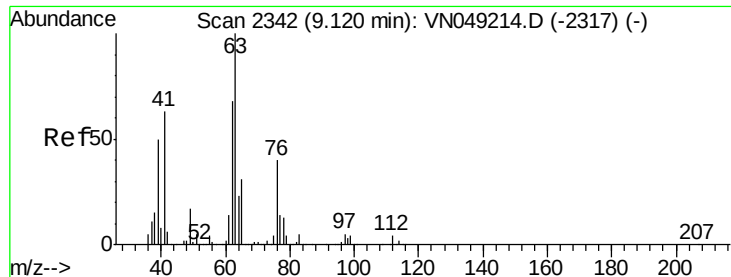
95 101.3 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049217.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049217.D (-2161) (-)

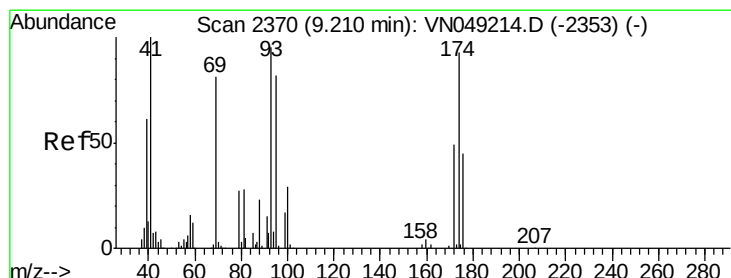
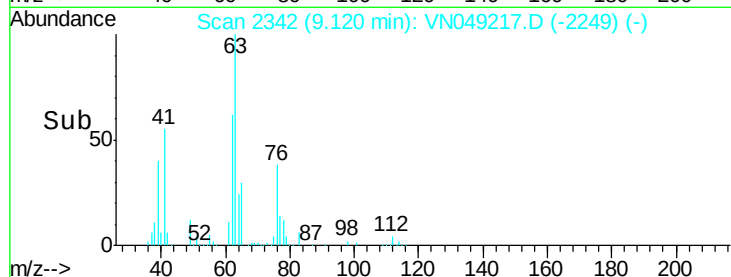
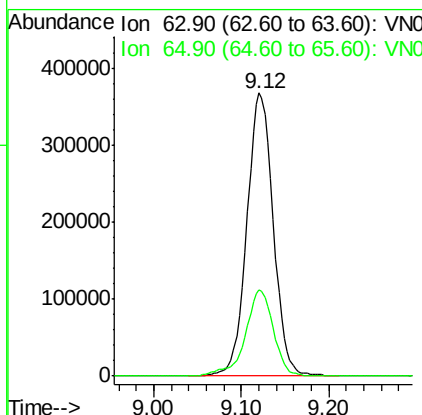
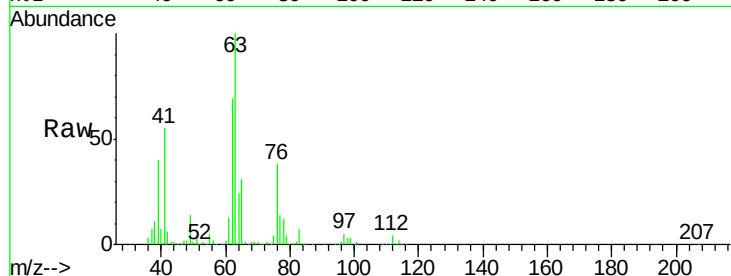




#45
 1,2-Dichloropropane
 Concen: 47.38 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

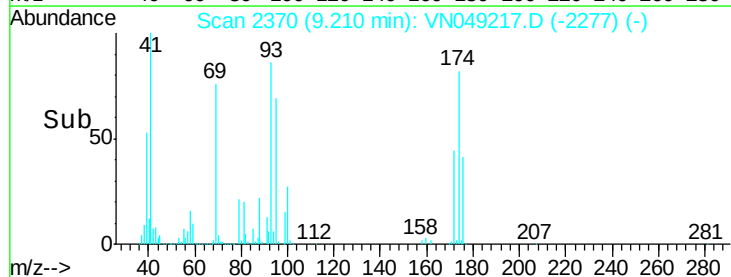
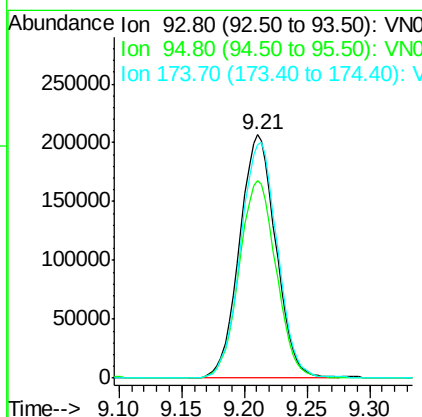
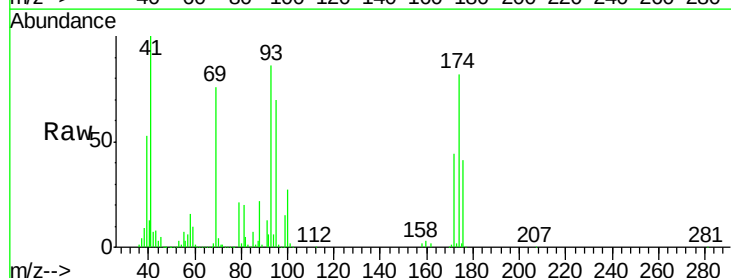
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

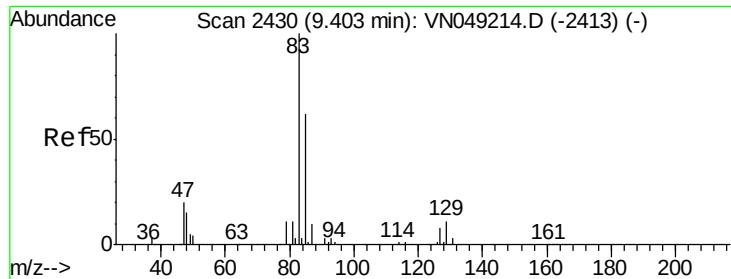
Tgt Ion: 63 Resp: 769474
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 46.42 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 93 Resp: 416430
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.2 100.8
 174 98.6 75.6 113.4





#47

Bromodichloromethane

Concen: 46.40 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICV061318

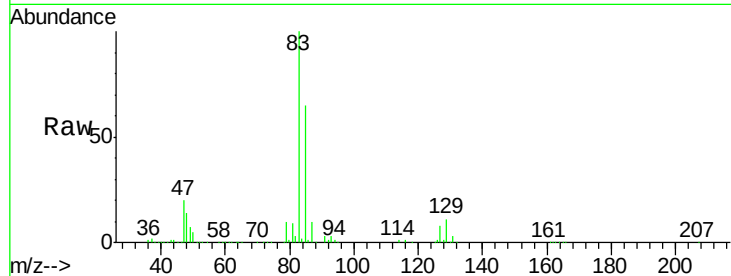
Tgt Ion: 83 Resp: 937615

Ion Ratio Lower Upper

83 100

85 65.0 49.4 74.0

127 8.4 6.3 9.5

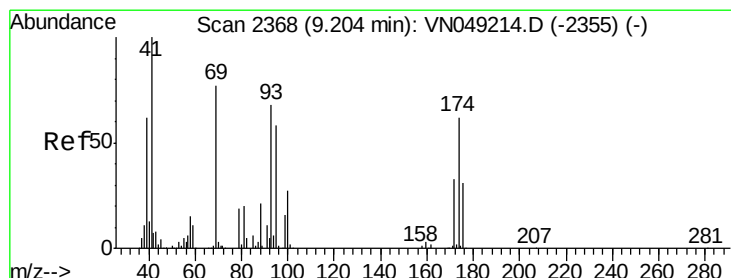
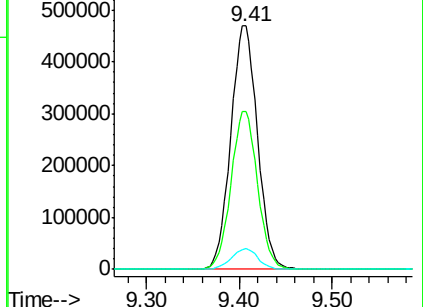
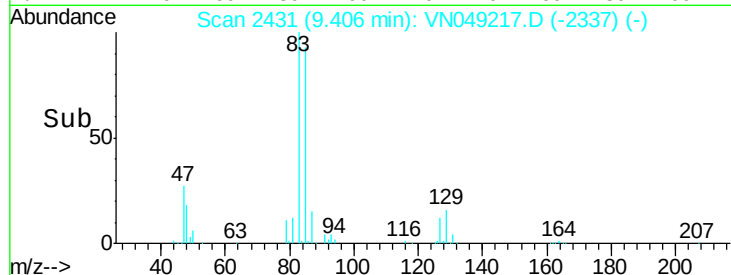


Abundance Ion 82.90 (82.60 to 83.60): VN049217.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049217.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049217.D (-2337) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.58 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

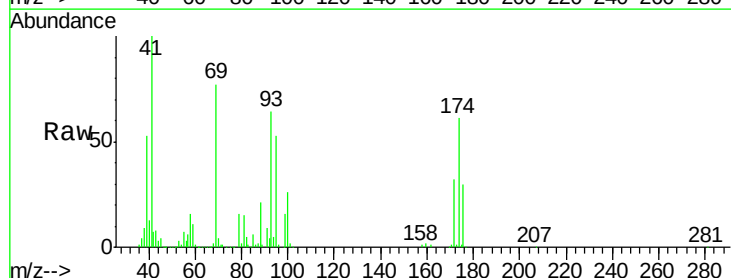
Tgt Ion: 41 Resp: 559043

Ion Ratio Lower Upper

41 100

69 79.5 62.0 93.0

39 53.3 50.6 75.8

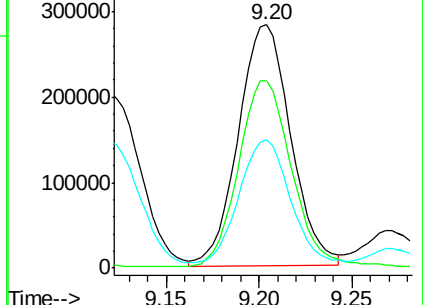
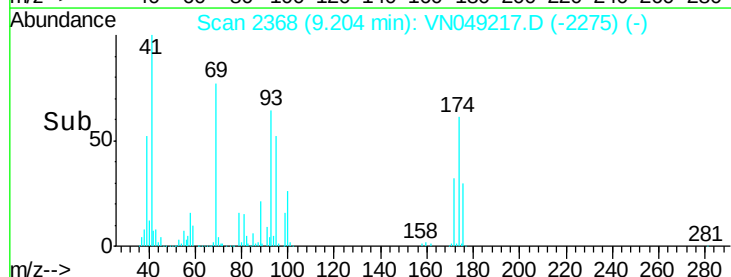


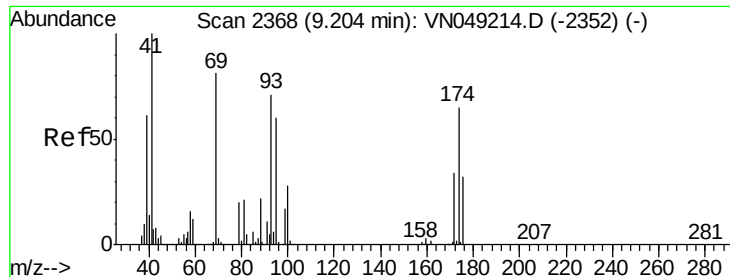
Abundance Ion 41.00 (40.70 to 41.70): VN049217.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN049217.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN049217.D (-2275) (-)

Time-->

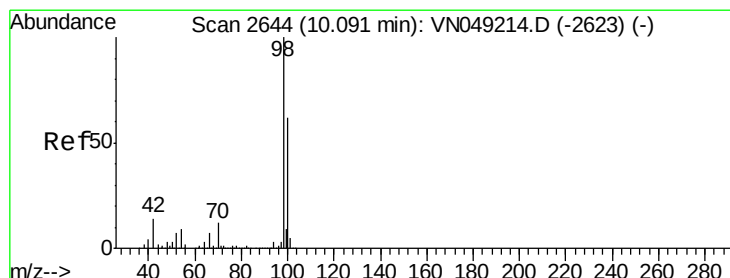
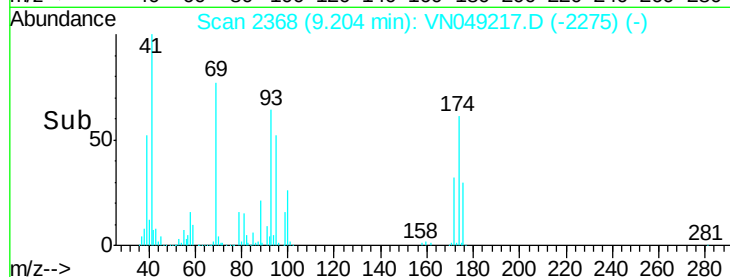
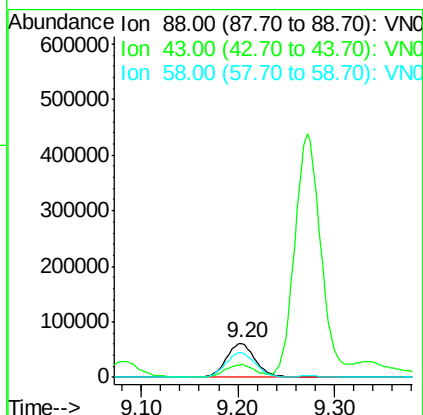
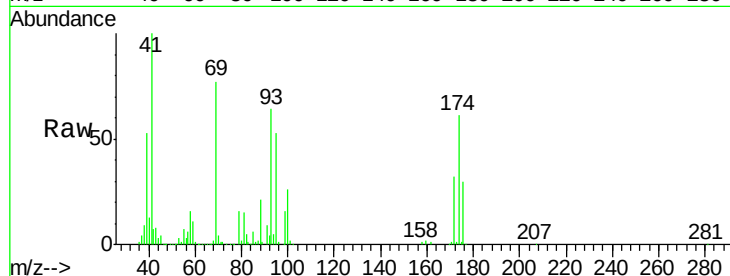




#49
1,4-Dioxane
Concen: 978.64 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

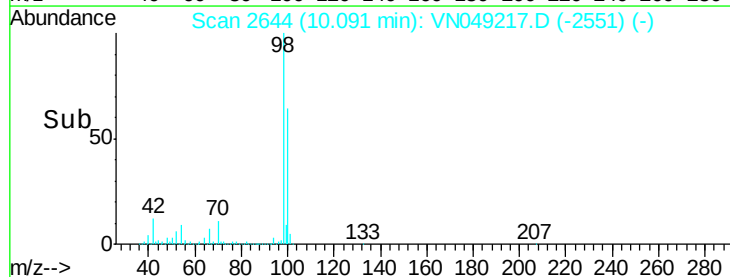
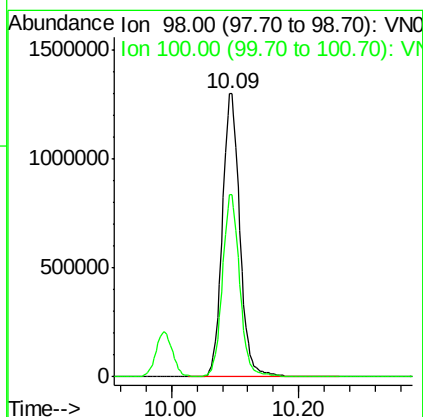
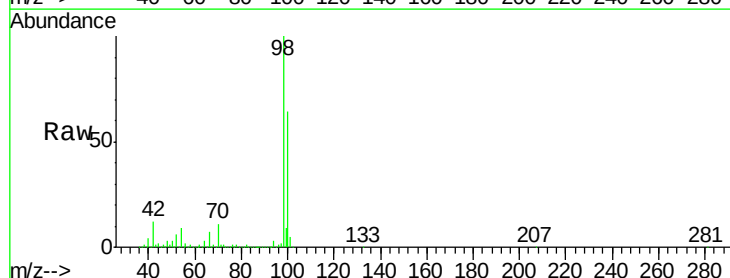
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

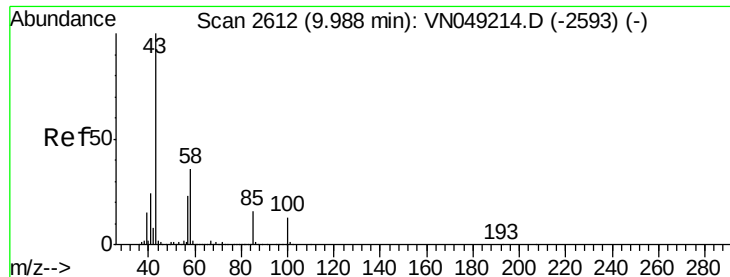
Tgt Ion: 88 Resp: 127728
Ion Ratio Lower Upper
88 100
43 36.4 30.9 46.3
58 74.3 58.9 88.3



#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 98 Resp: 2480458
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8

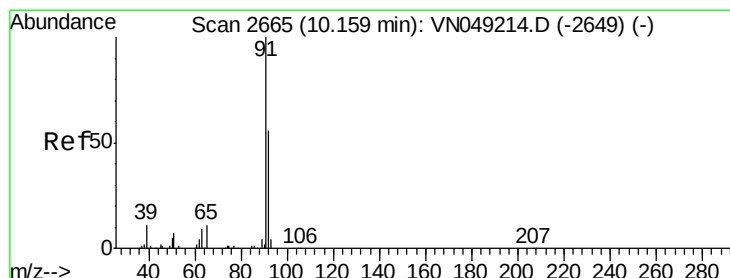
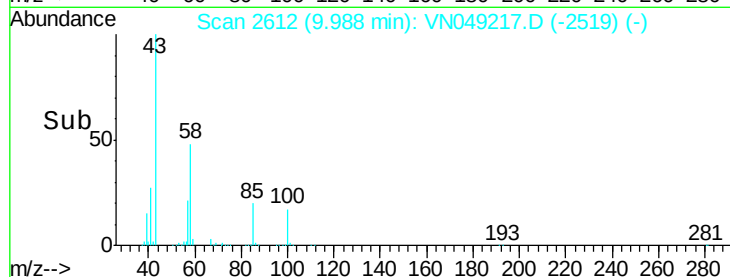
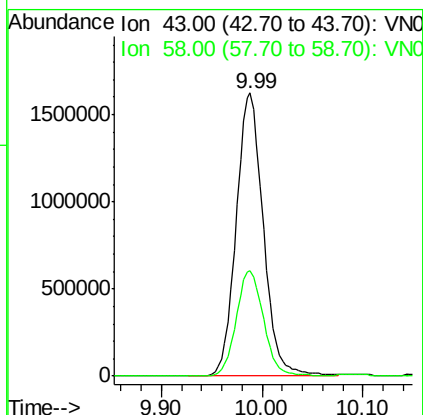
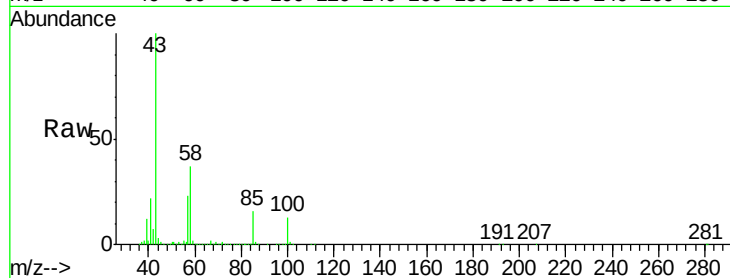




#51
4-Methyl-2-Pentanone
Concen: 251.09 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

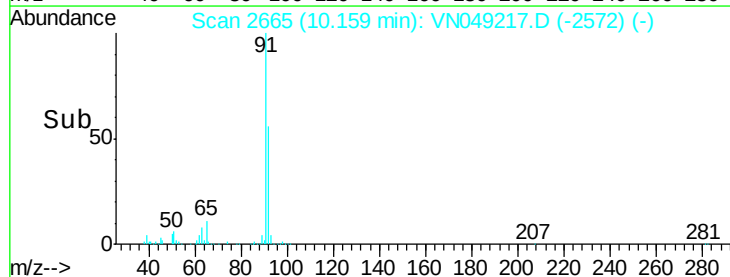
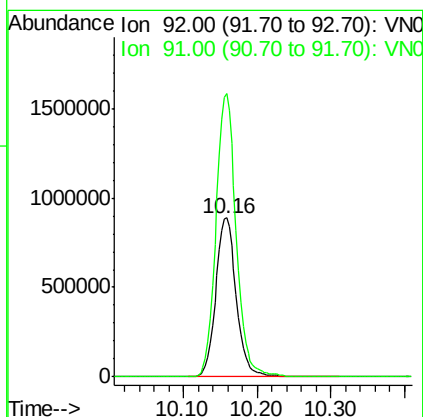
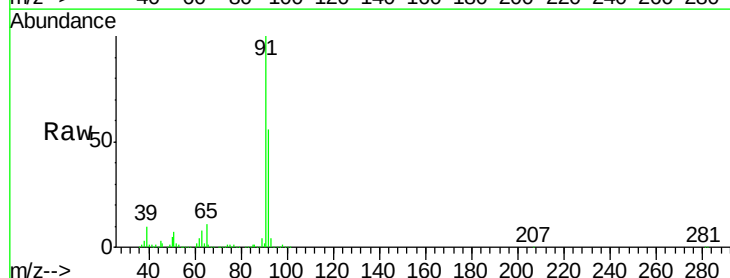
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

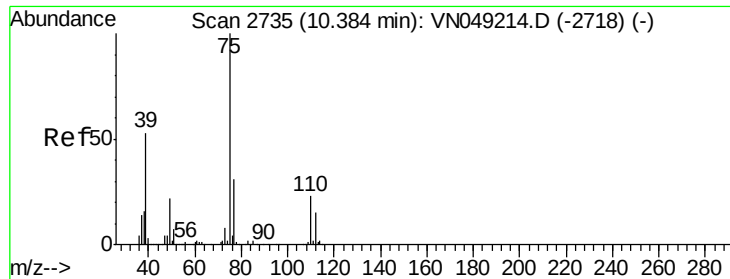
Tgt Ion: 43 Resp: 3024677
Ion Ratio Lower Upper
43 100
58 37.6 29.0 43.6



#52
Toluene
Concen: 49.56 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 92 Resp: 1702573
Ion Ratio Lower Upper
92 100
91 176.9 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 49.63 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

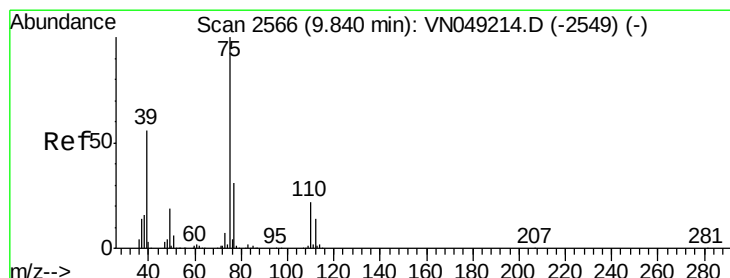
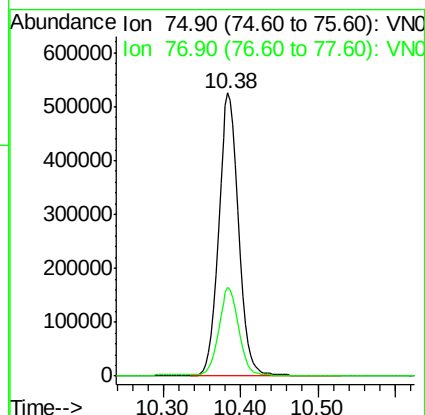
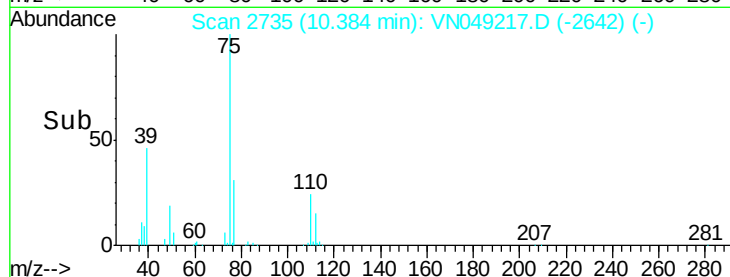
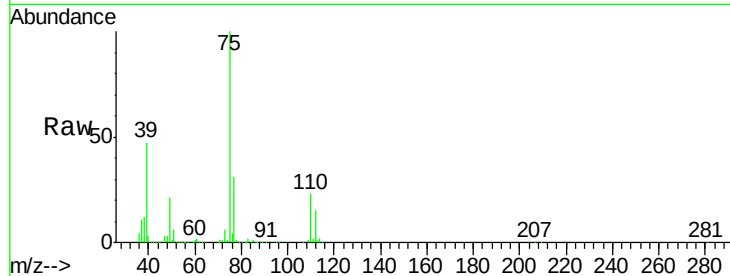
ICVVN061318

Tgt Ion: 75 Resp: 953452

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.92 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

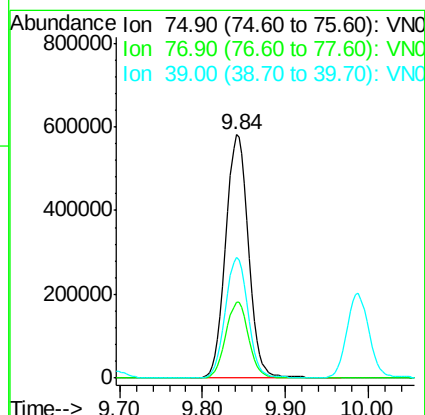
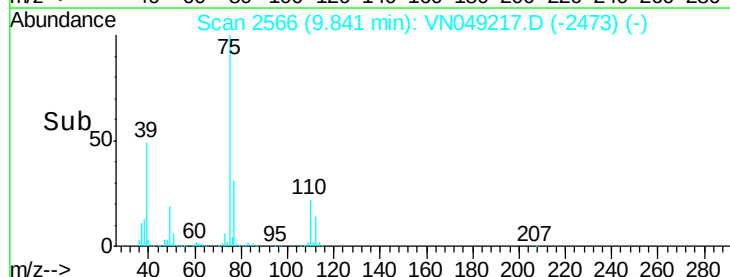
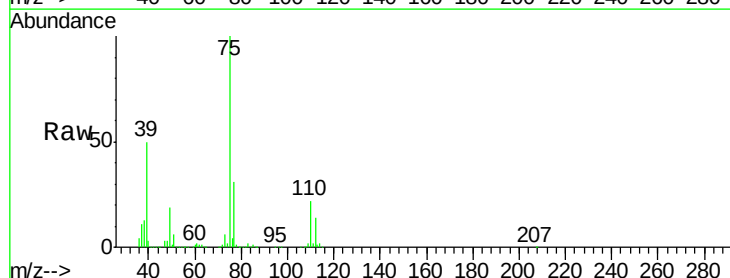
Tgt Ion: 75 Resp: 1111443

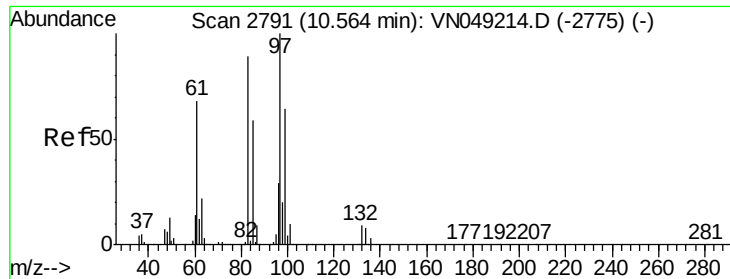
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 49.5 45.1 67.7

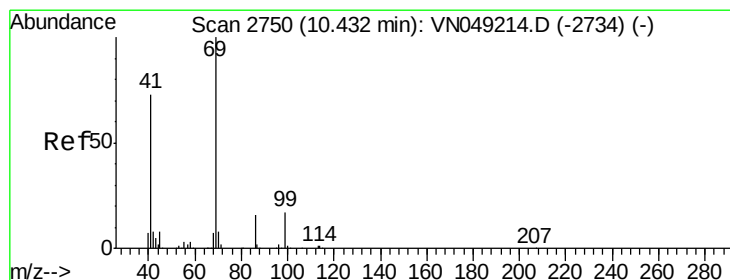
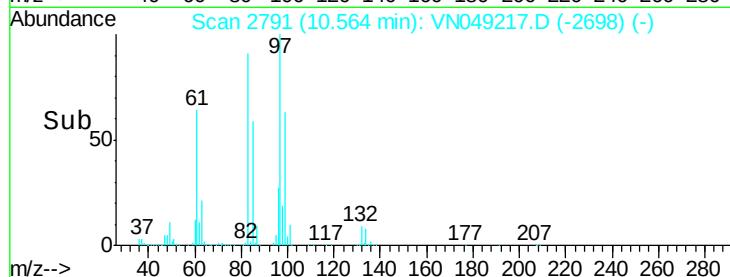
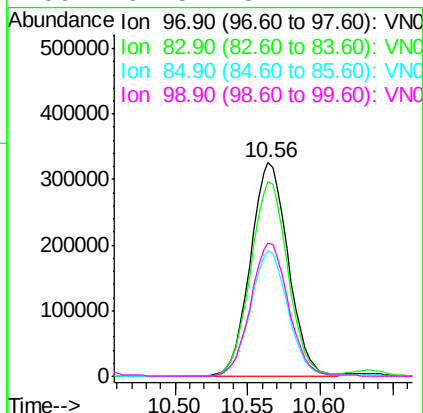
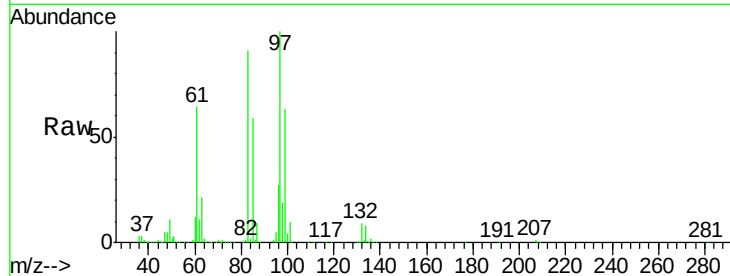




#55
 1,1,2-Trichloroethane
 Concen: 46.98 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

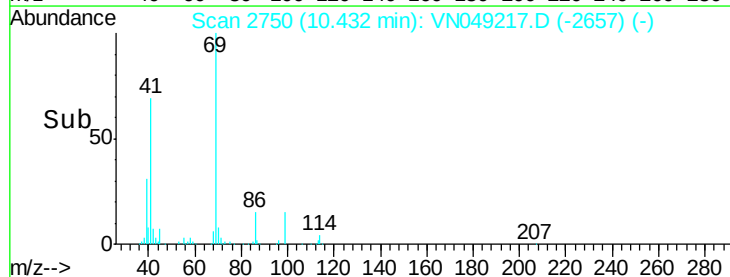
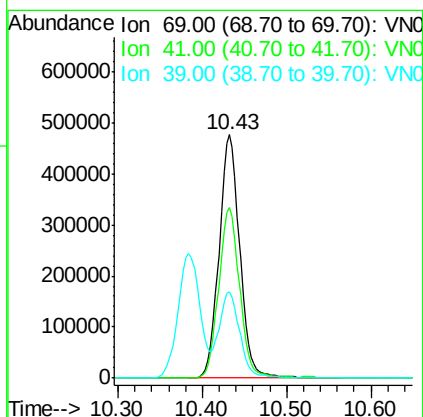
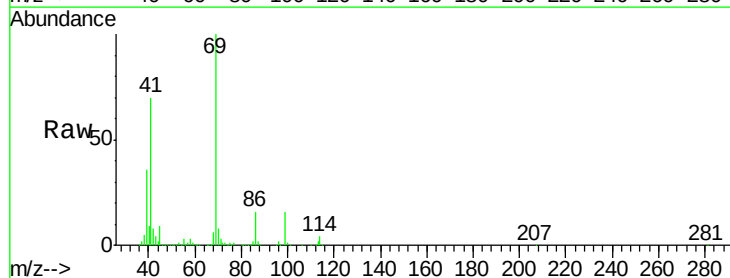
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

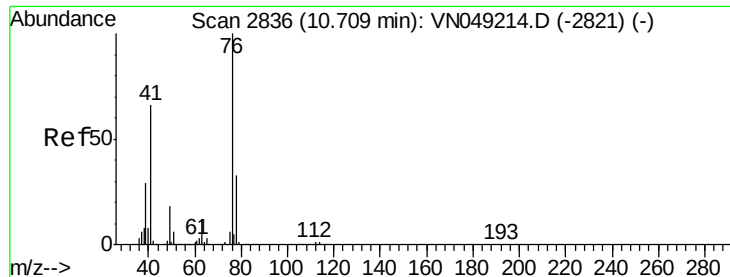
Tgt Ion:	97	Resp:	592319
Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.5	107.3
85	58.7	47.0	70.4
99	62.5	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 53.38 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion:	69	Resp:	811186
Ion	Ratio	Lower	Upper
69	100		
41	69.7	58.4	87.6
39	35.5	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 48.34 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

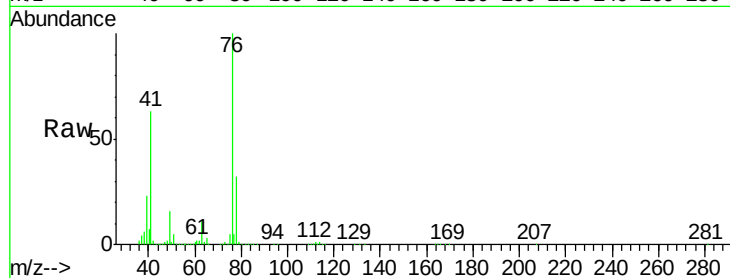
ICVFN061318

Tgt Ion: 76 Resp: 1044948

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

600000

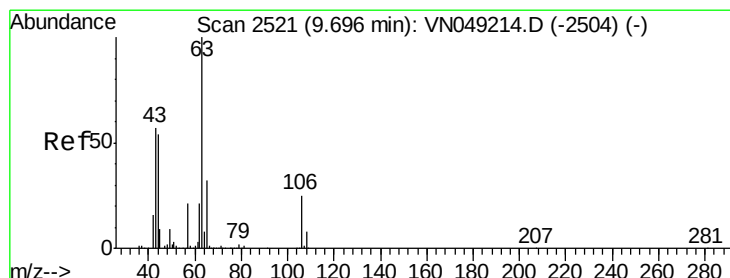
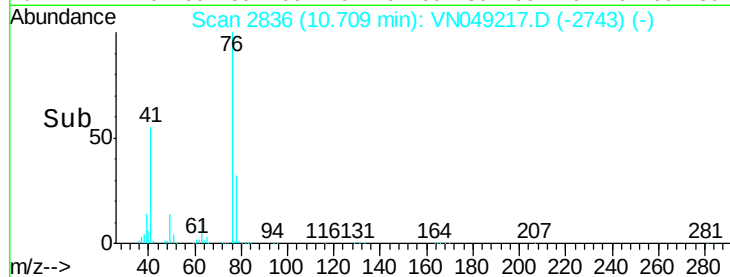
400000

200000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 229.64 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049217.D

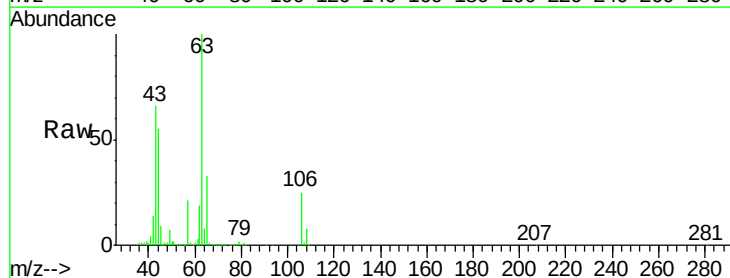
Acq: 13 Jun 2018 22:44

Tgt Ion: 63 Resp: 1319014

Ion Ratio Lower Upper

63 100

106 23.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

800000

600000

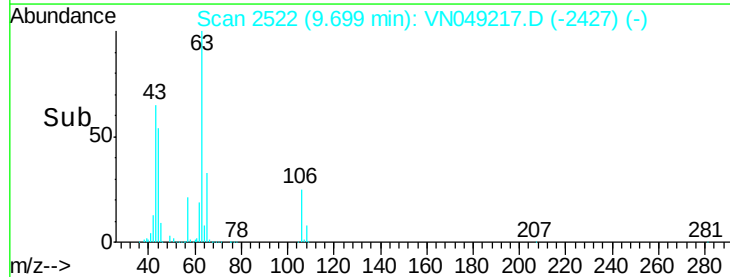
400000

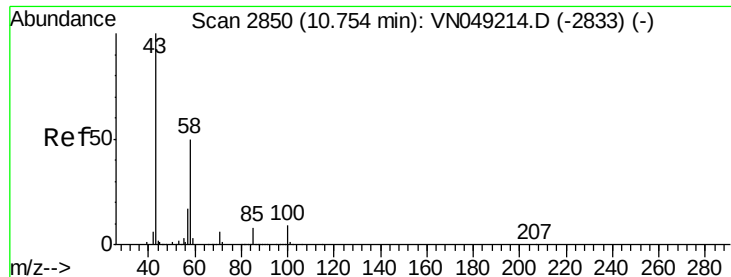
200000

0

Time-->

9.60 9.70 9.80

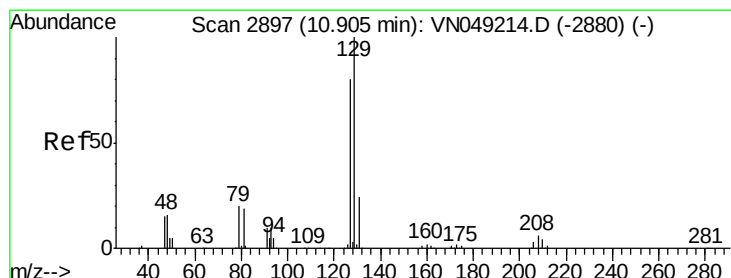
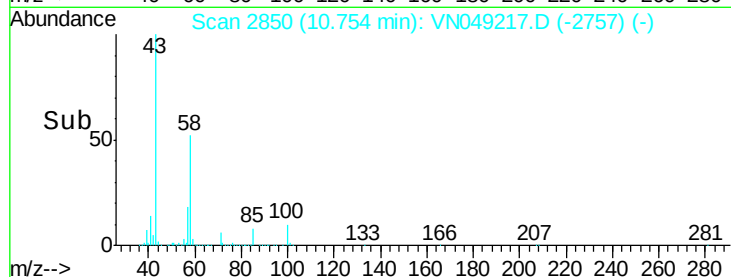
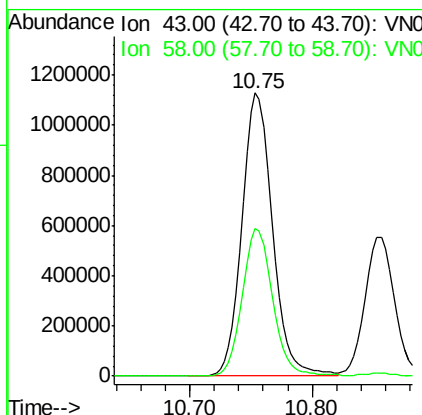
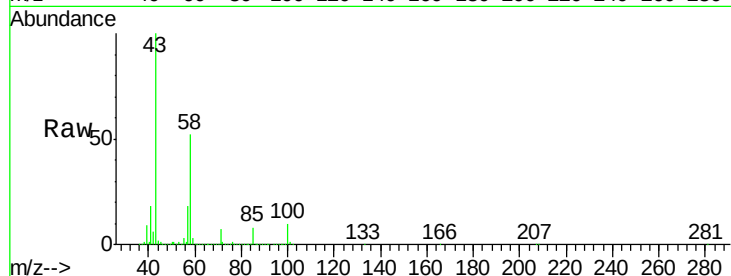




#59
2-Hexanone
Concen: 258.91 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

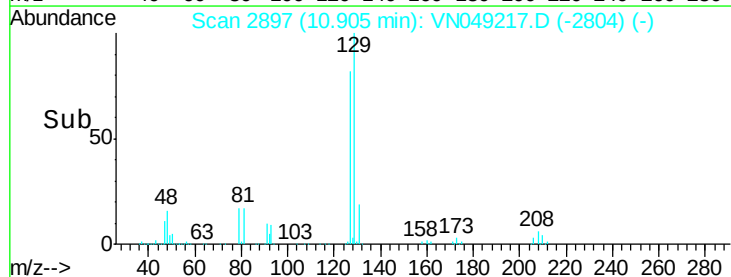
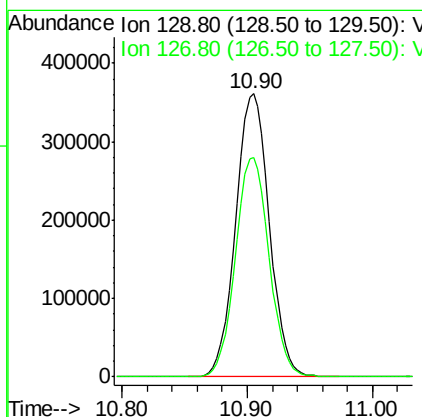
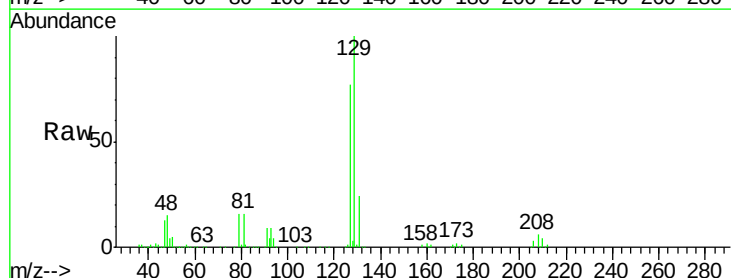
Instrument :
MSVOA_N
ClientSampled :
ICVFN061318

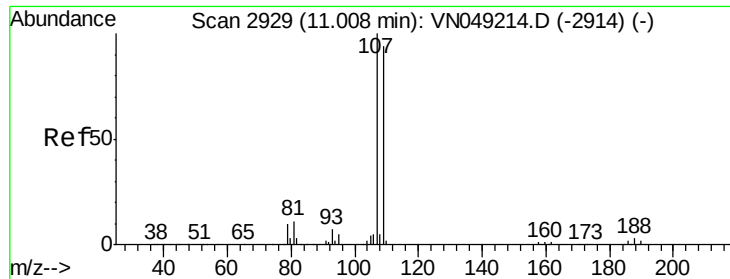
Tgt Ion: 43 Resp: 1943373
Ion Ratio Lower Upper
43 100
58 52.0 25.2 75.6



#60
Dibromochloromethane
Concen: 48.25 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 129 Resp: 674532
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

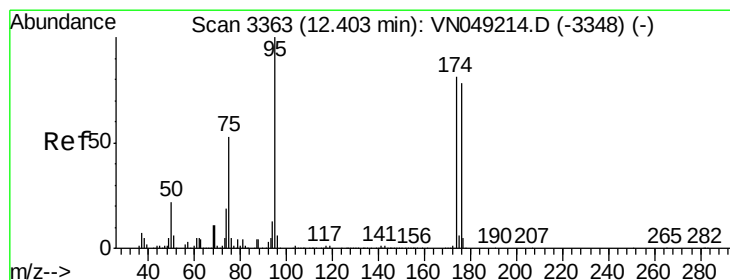
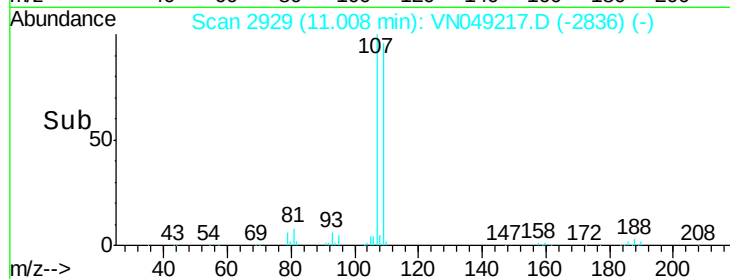
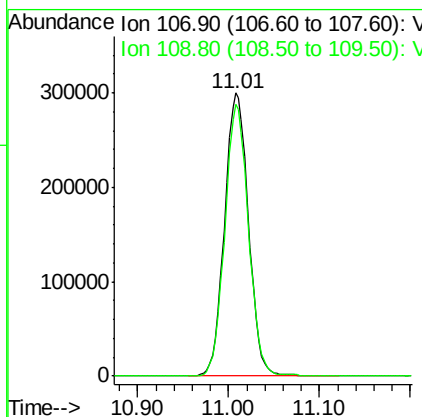
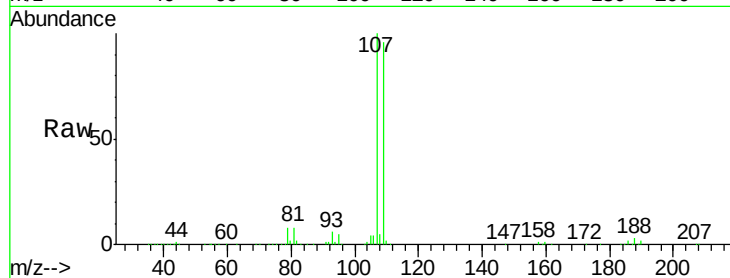




#61
 1,2-Dibromoethane
 Concen: 46.98 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

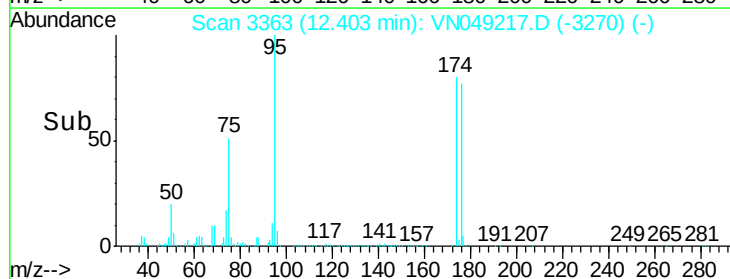
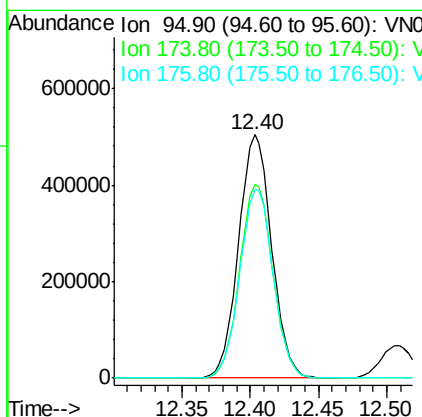
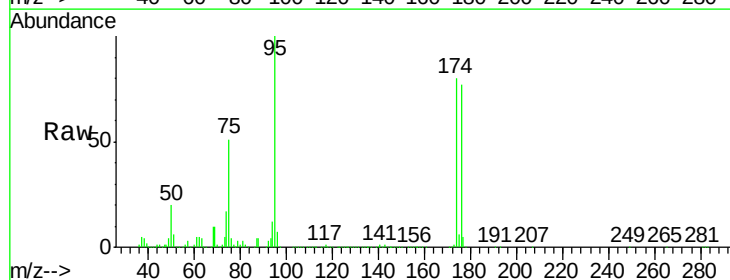
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

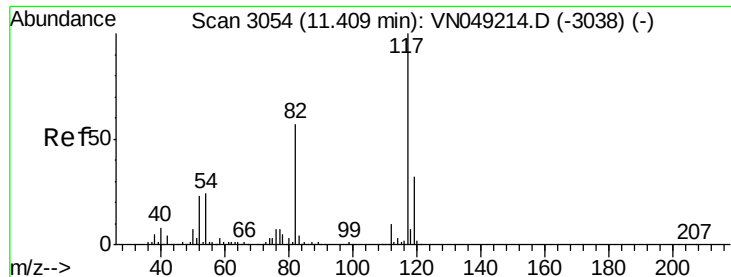
Tgt Ion: 107 Resp: 547776
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.83 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 95 Resp: 847228
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 165.6
 176 78.4 0.0 157.4

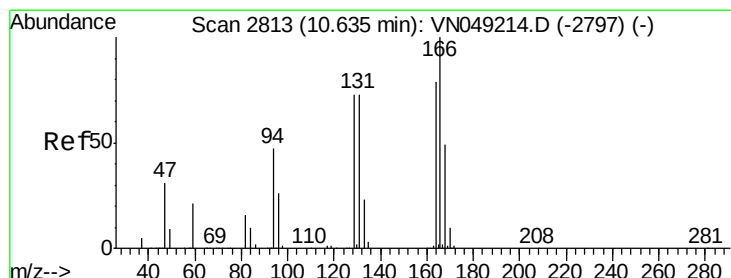
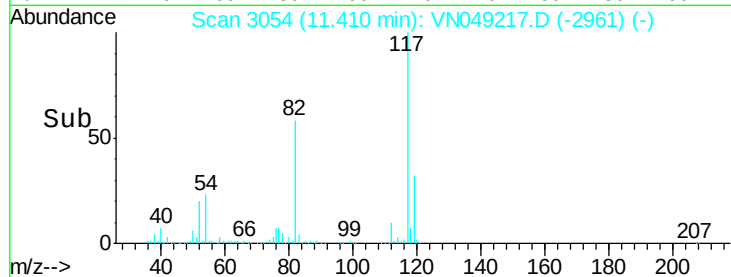
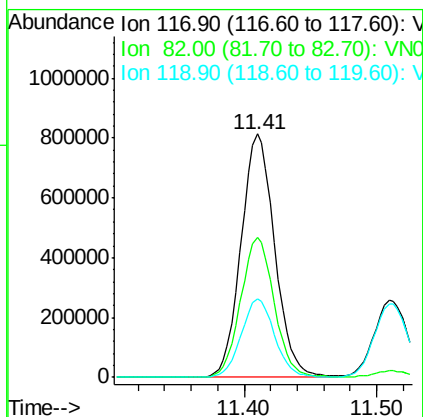
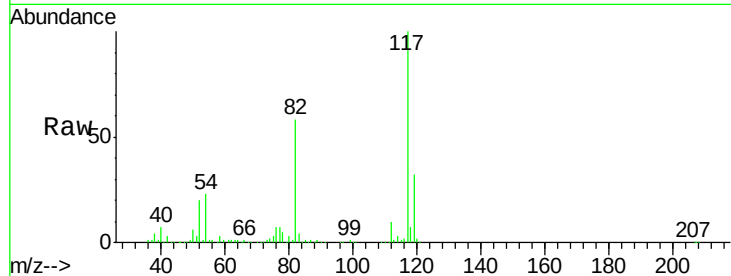




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

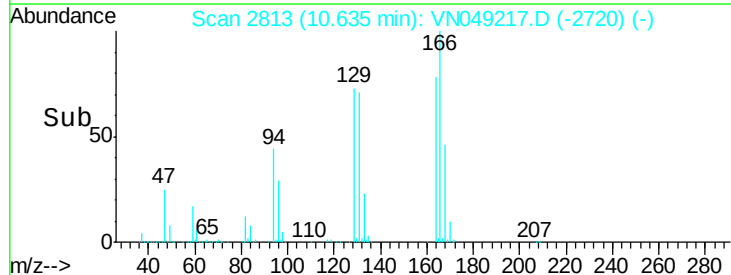
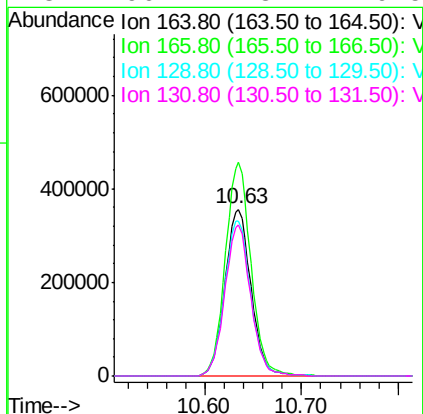
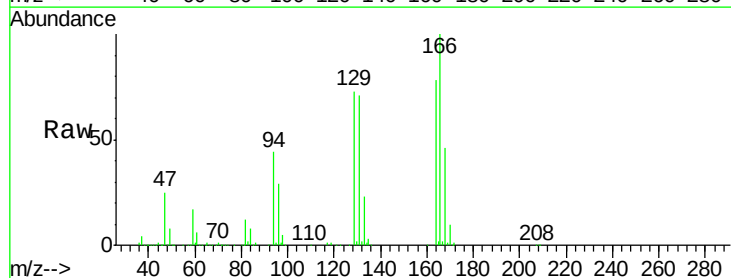
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

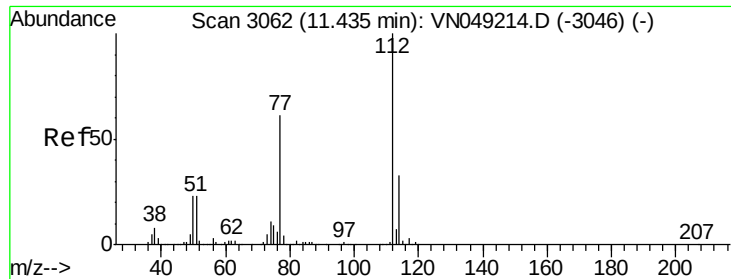
Tgt Ion:117 Resp: 1435730
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 46.18 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion:164 Resp: 664262
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.2
129 93.0 74.1 111.1
131 90.4 73.7 110.5





#65

Chlorobenzene

Concen: 48.36 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampled :

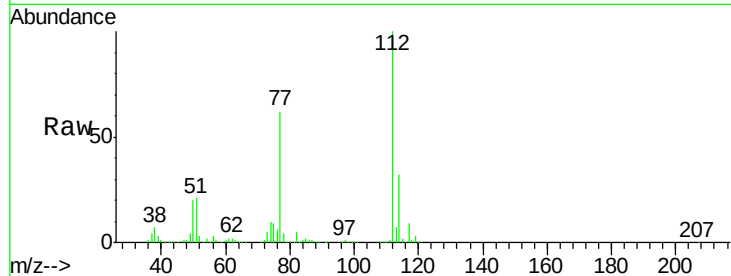
ICV061318

Tgt Ion:112 Resp: 1791015

Ion Ratio Lower Upper

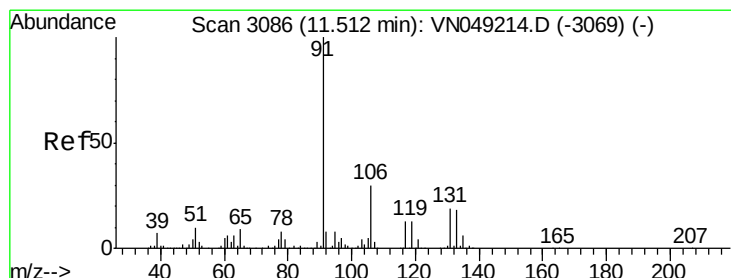
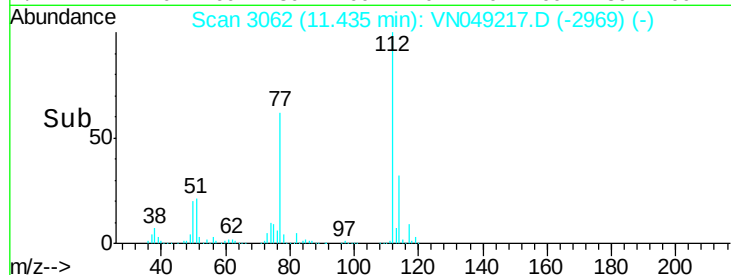
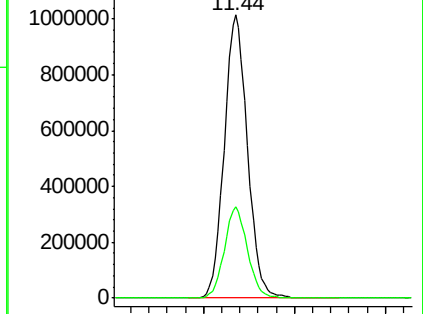
112 100

114 32.1 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: 47.08 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

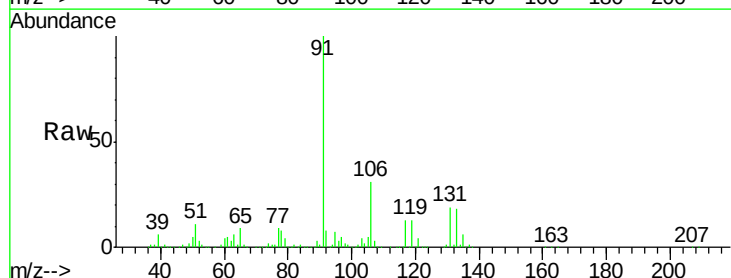
Tgt Ion:131 Resp: 663225

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

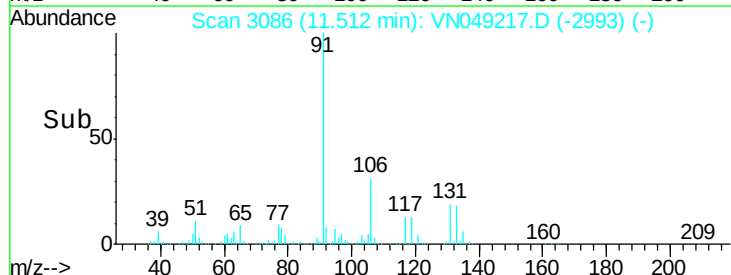
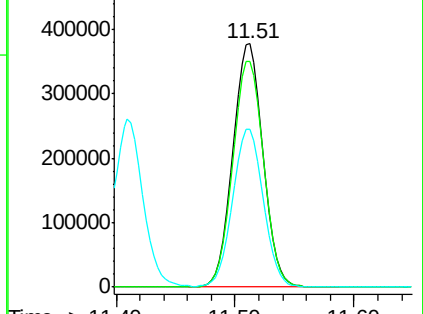
119 66.1 33.6 100.8

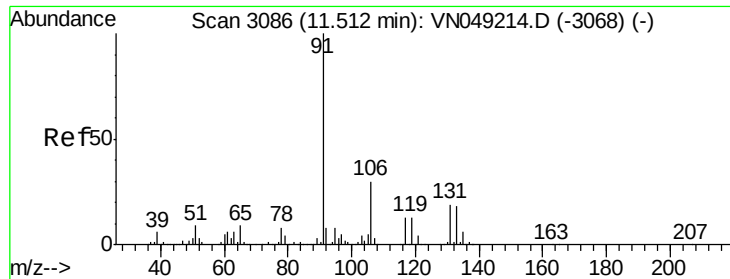


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

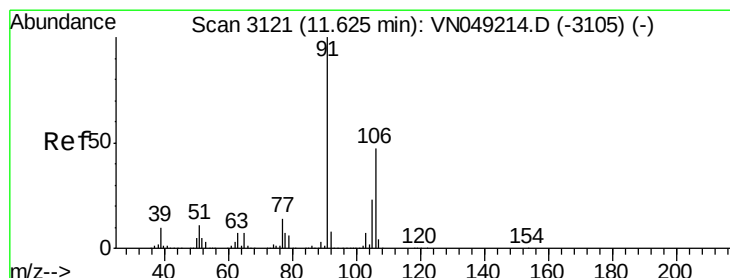
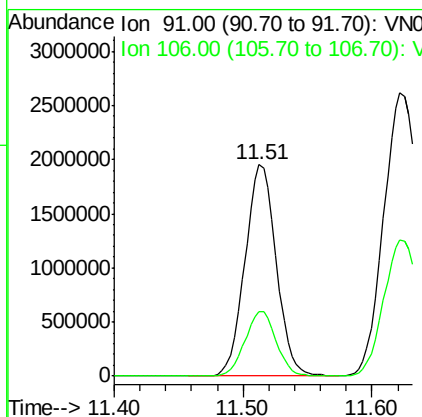
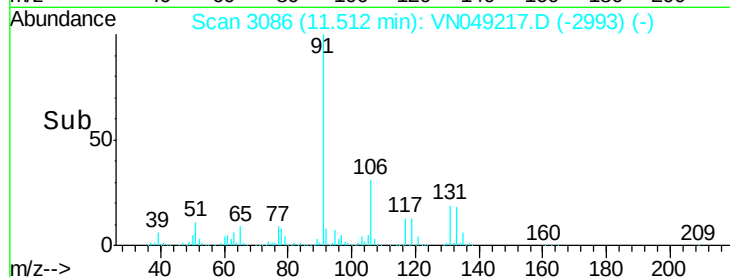
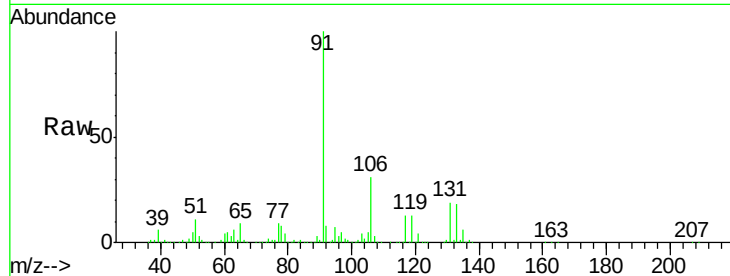




#67
Ethyl Benzene
Concen: 51.71 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

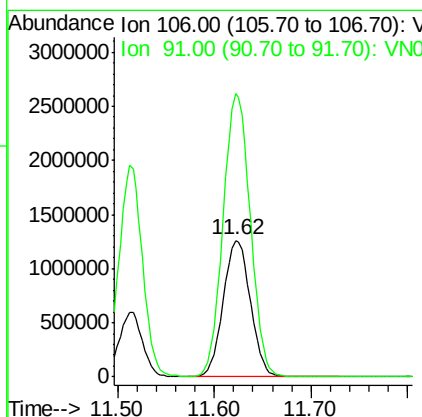
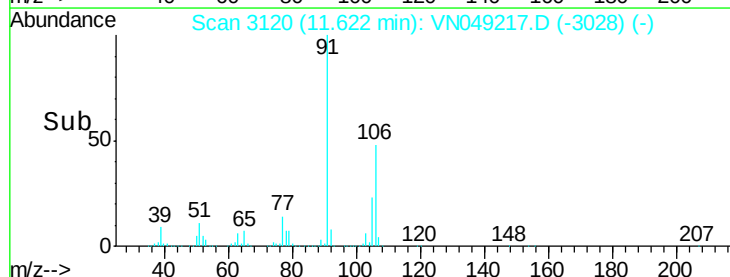
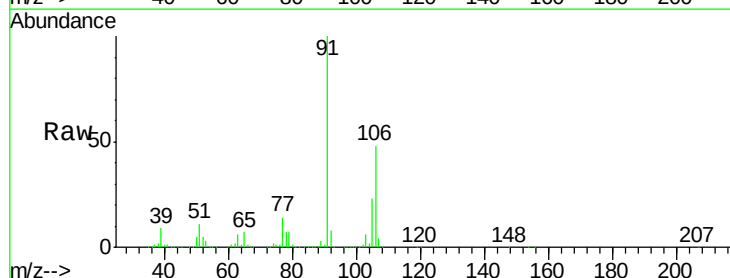
Instrument :
MSVOA_N
ClientSampled :
ICVVN061318

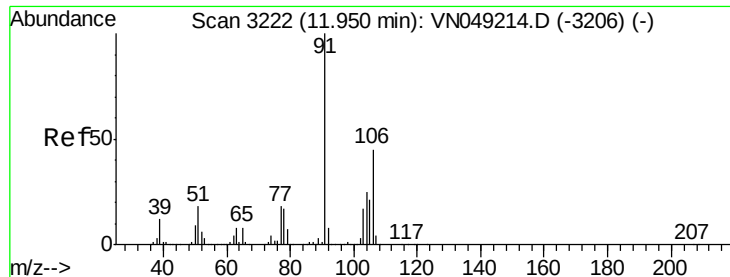
Tgt Ion: 91 Resp: 3304016
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 105.23 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion: 106 Resp: 2458794
Ion Ratio Lower Upper
106 100
91 207.5 167.3 250.9

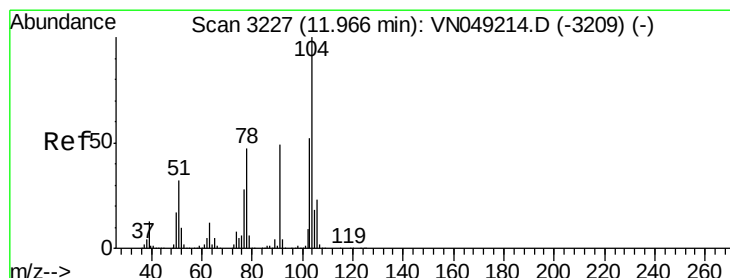
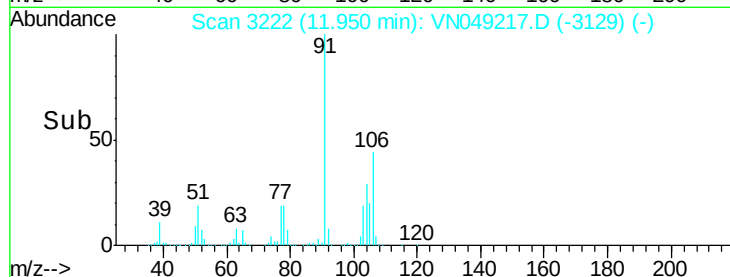
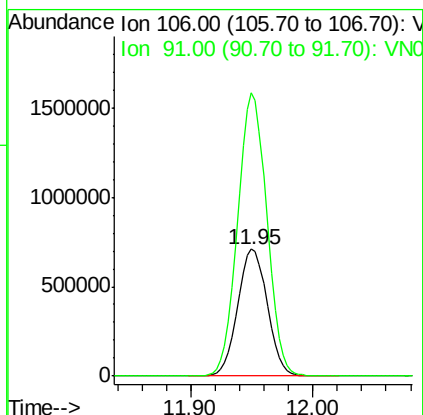
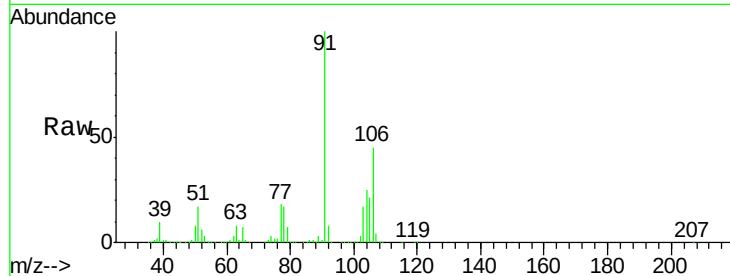




#69
o-Xylene
Concen: 52.88 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

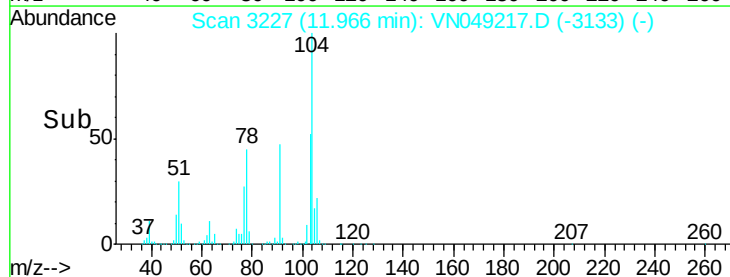
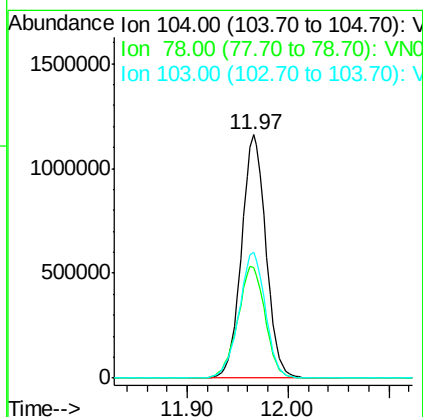
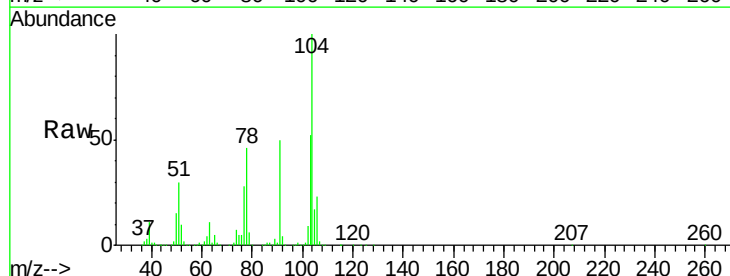
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061318

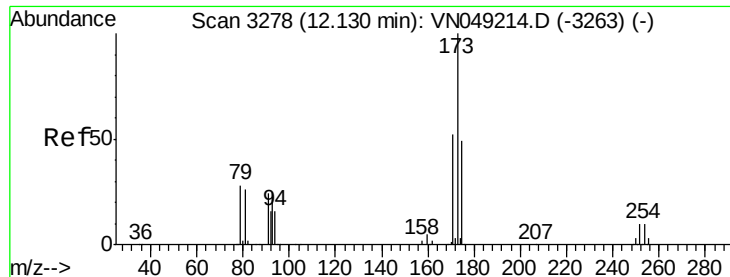
Tgt Ion:106 Resp: 1189976
Ion Ratio Lower Upper
106 100
91 219.8 111.0 333.0



#70
Styrene
Concen: 54.33 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049217.D
Acq: 13 Jun 2018 22:44

Tgt Ion:104 Resp: 1935546
Ion Ratio Lower Upper
104 100
78 51.4 41.6 62.4
103 56.2 45.4 68.2





#71

Bromoform

Concen: 49.56 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

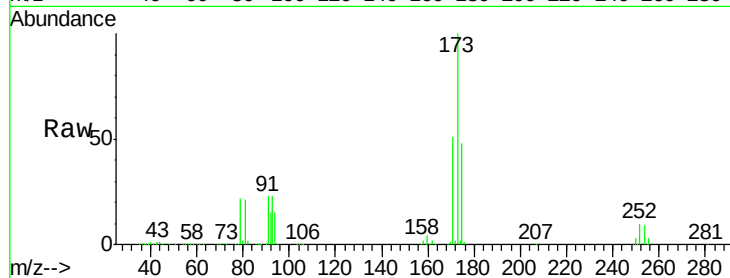
Tgt Ion:173 Resp: 436358

Ion Ratio Lower Upper

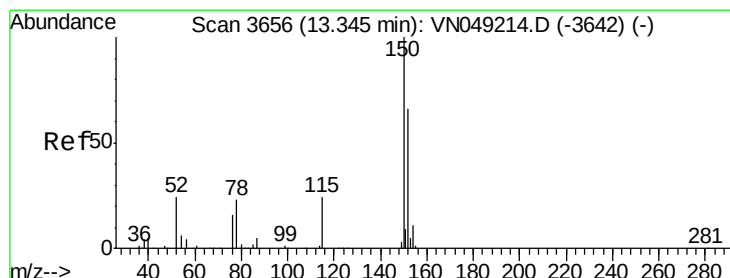
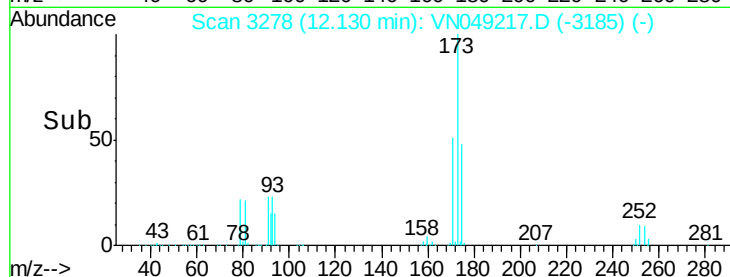
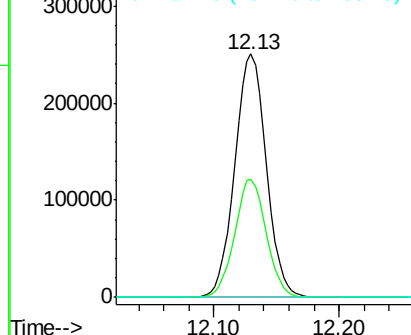
173 100

175 48.5 24.5 73.5

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

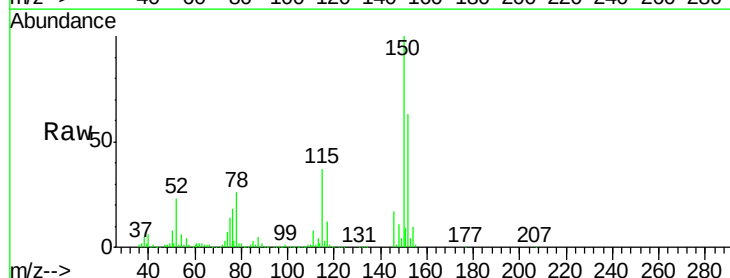
Tgt Ion:152 Resp: 692310

Ion Ratio Lower Upper

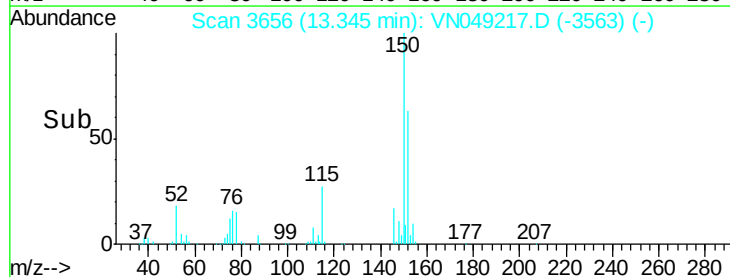
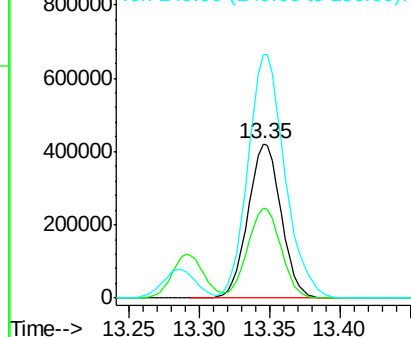
152 100

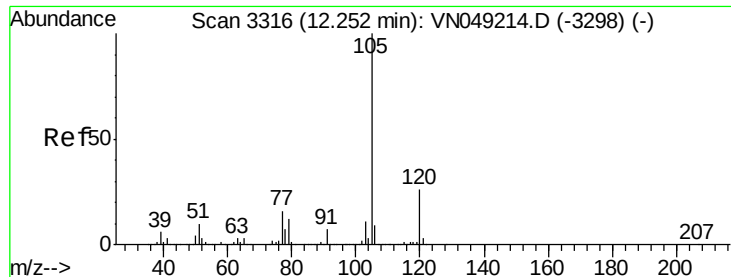
115 58.6 28.7 86.1

150 175.8 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: 48.00 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

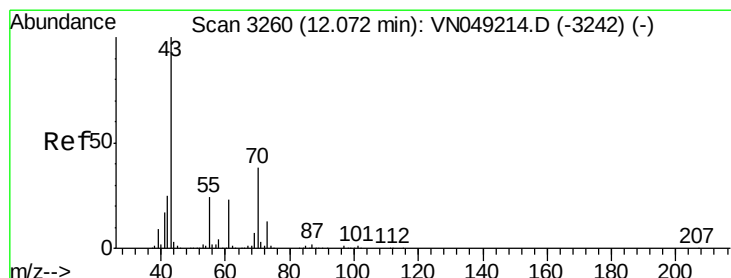
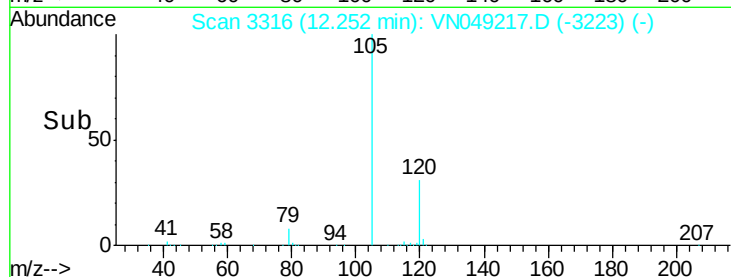
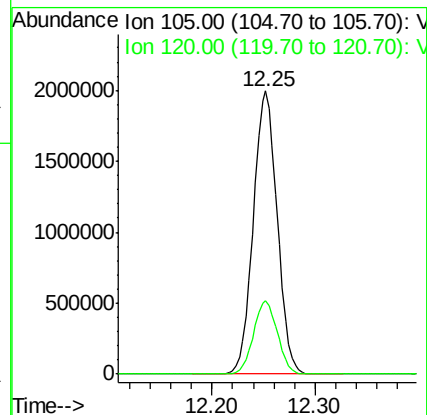
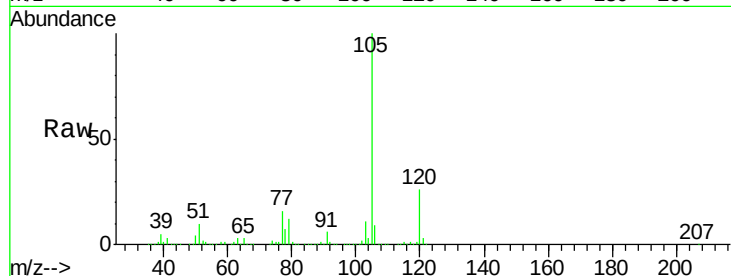
ICVVN061318

Tgt Ion: 105 Resp: 3191728

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 51.79 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Tgt Ion: 43 Resp: 981067

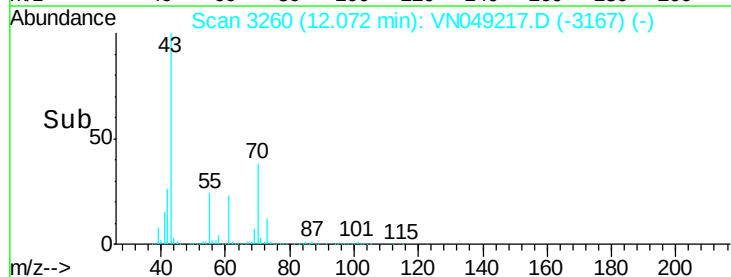
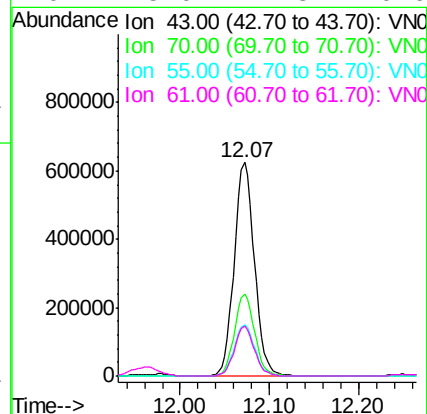
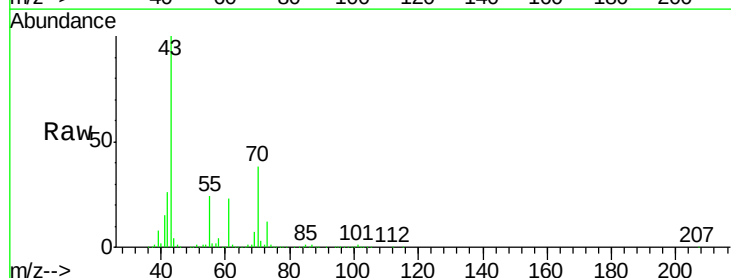
Ion Ratio Lower Upper

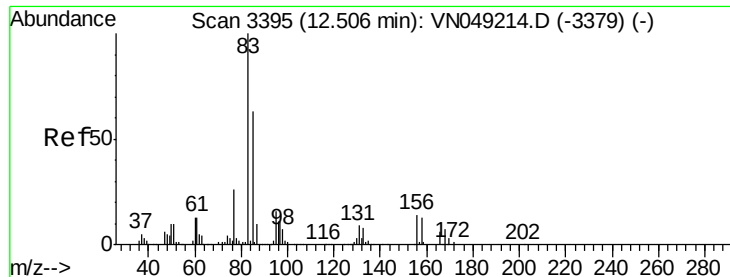
43 100

70 38.1 30.3 45.5

55 24.6 19.4 29.2

61 23.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.19 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICV061318

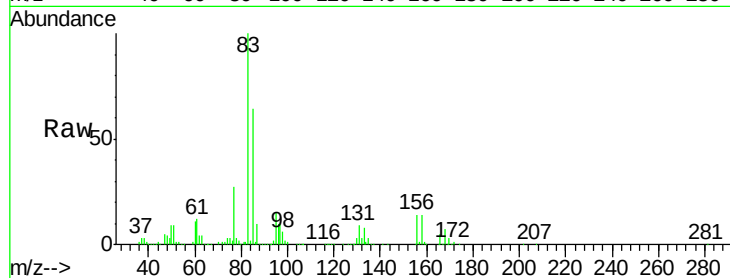
Tgt Ion: 83 Resp: 734941

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.0 32.0 96.0

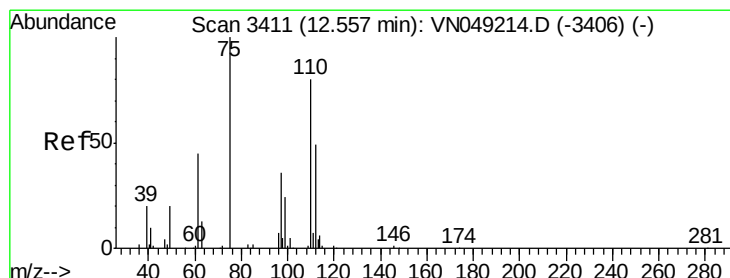
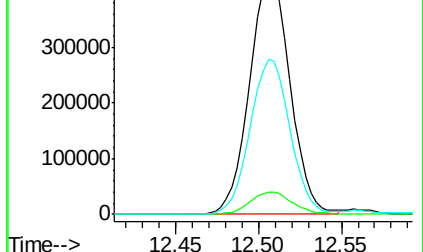
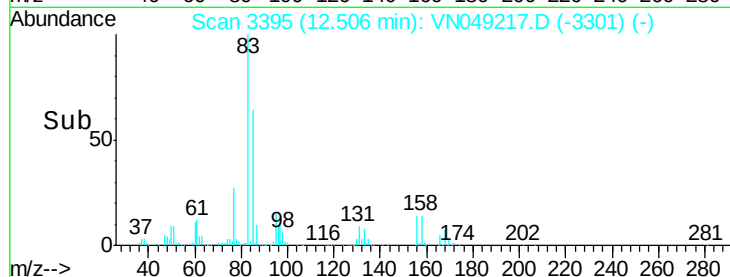


Abundance Ion 82.90 (82.60 to 83.60): VN049217.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049217.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049217.D (-3301) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 81.35 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049217.D

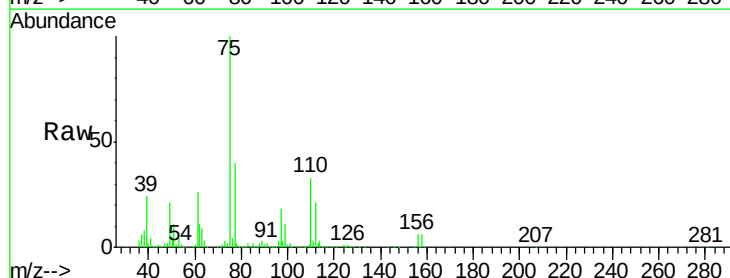
Acq: 13 Jun 2018 22:44

Tgt Ion: 75 Resp: 916396

Ion Ratio Lower Upper

75 100

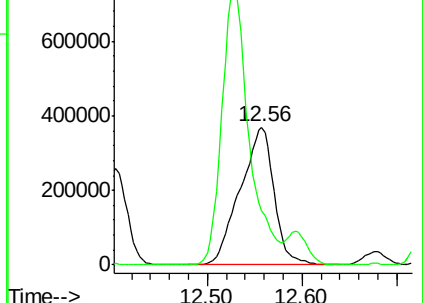
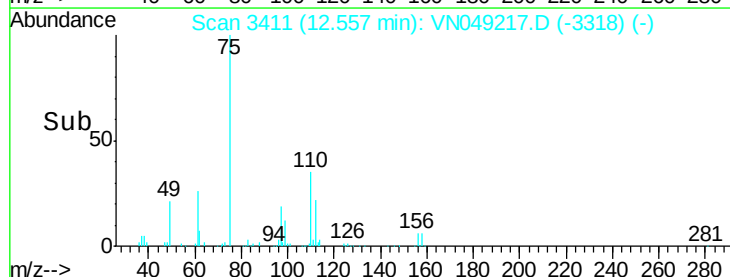
77 0.0 0.0 0.0

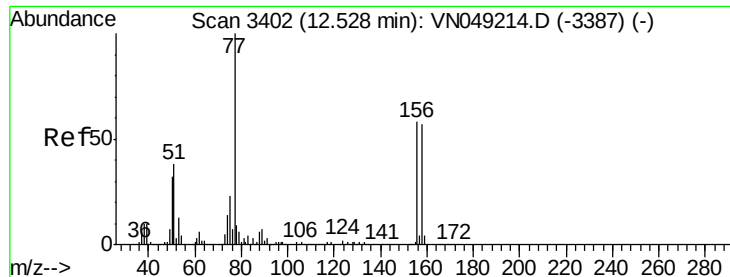


Abundance Ion 74.90 (74.60 to 75.60): VN049217.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049217.D (-3318) (-)

Time-->





#77

Bromobenzene

Concen: 52.11 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICV061318

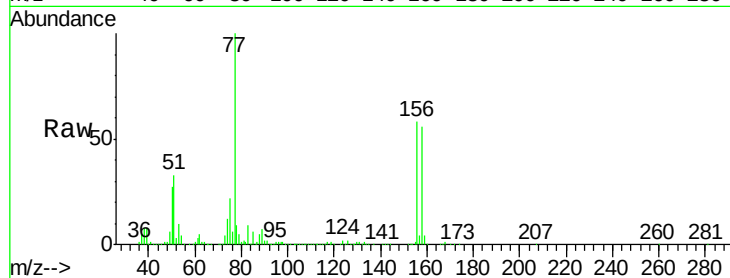
Tgt Ion:156 Resp: 737573

Ion Ratio Lower Upper

156 100

77 204.1 100.8 302.4

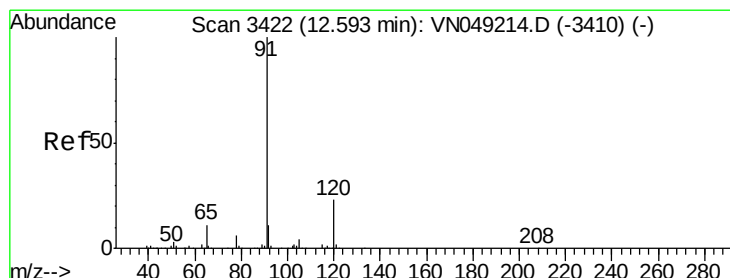
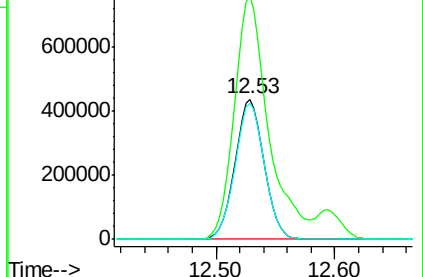
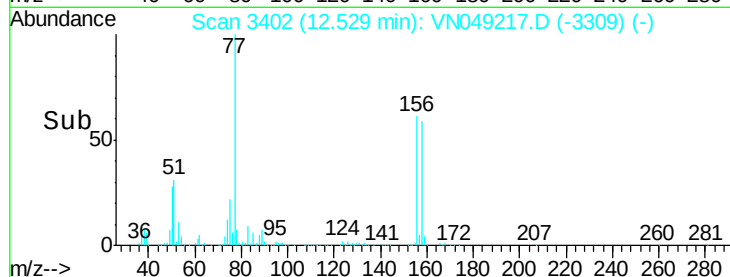
158 98.0 49.3 147.9



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: 50.18 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049217.D

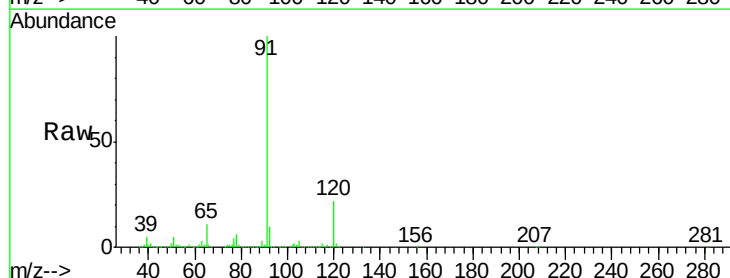
Acq: 13 Jun 2018 22:44

Tgt Ion: 91 Resp: 3706890

Ion Ratio Lower Upper

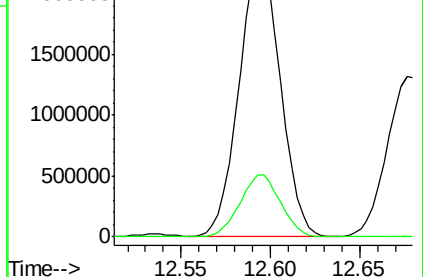
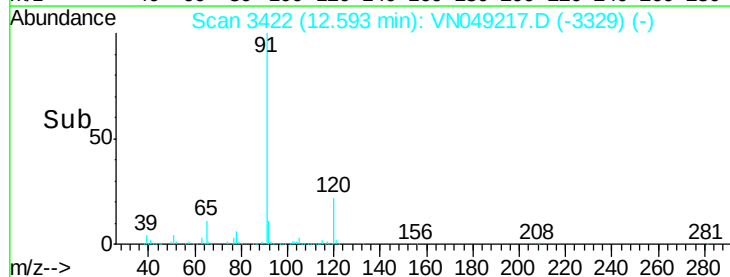
91 100

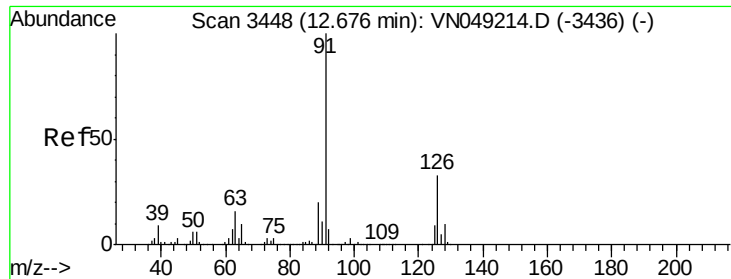
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.38 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

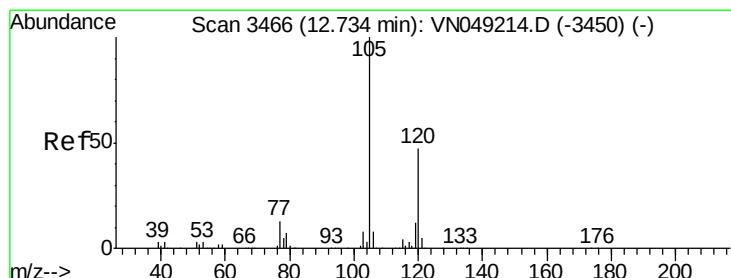
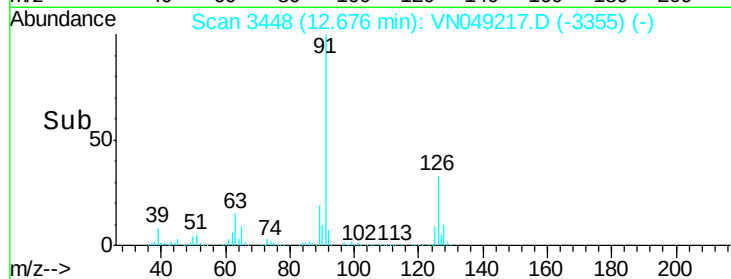
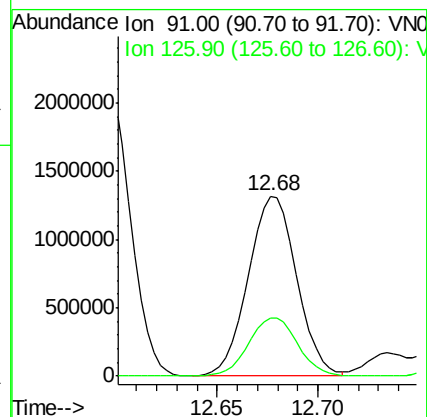
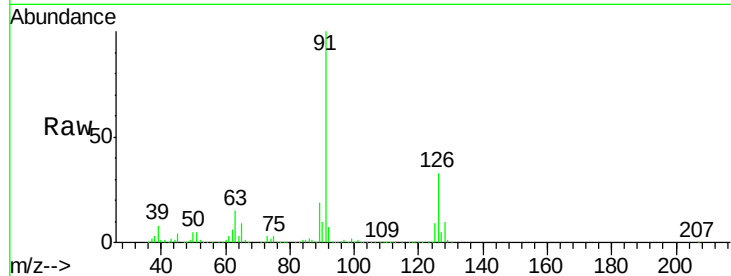
ICVVN061318

Tgt Ion: 91 Resp: 2207414

Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 50.18 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049217.D

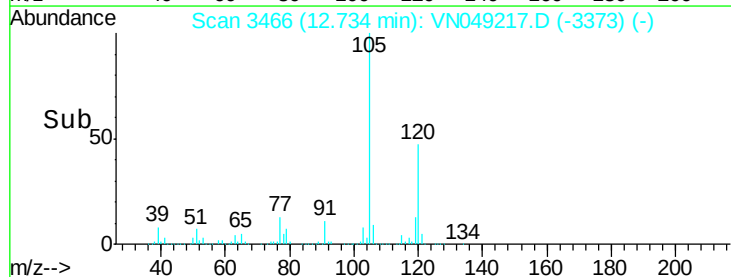
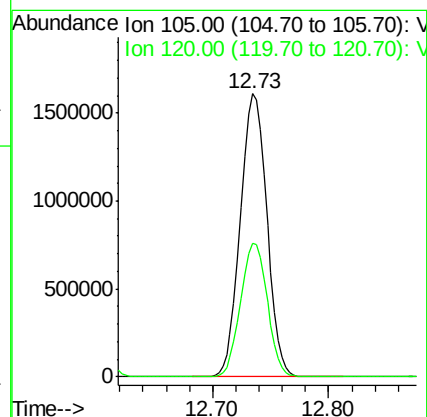
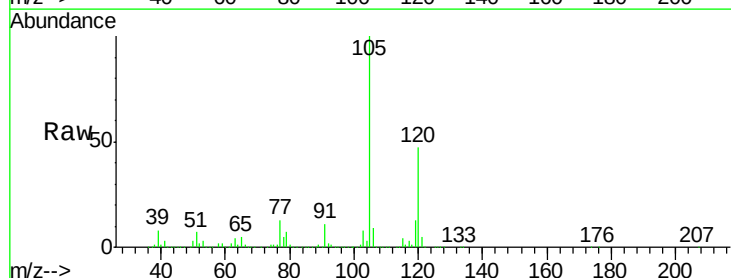
Acq: 13 Jun 2018 22:44

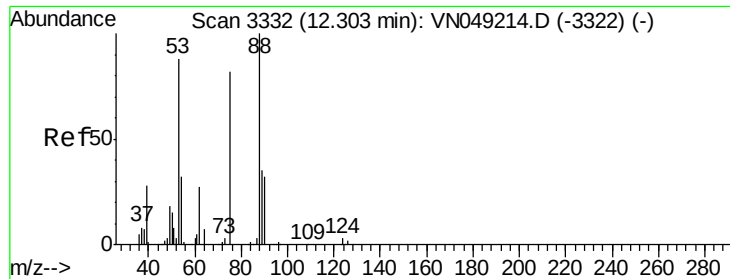
Tgt Ion: 105 Resp: 2558225

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 45.76 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVFN061318

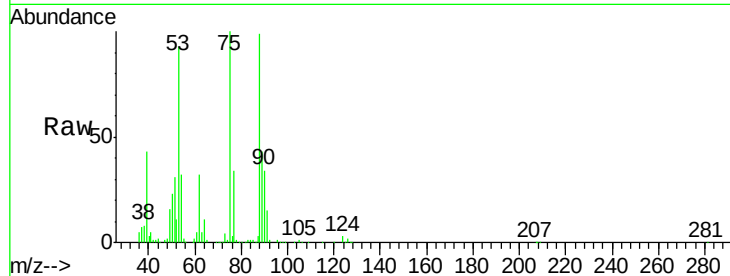
Tgt Ion: 75 Resp: 189634

Ion Ratio Lower Upper

75 100

53 94.7 82.7 124.1

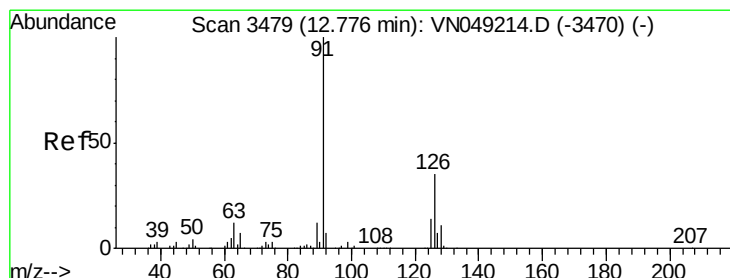
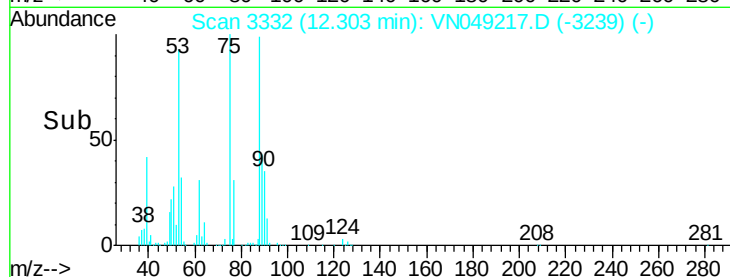
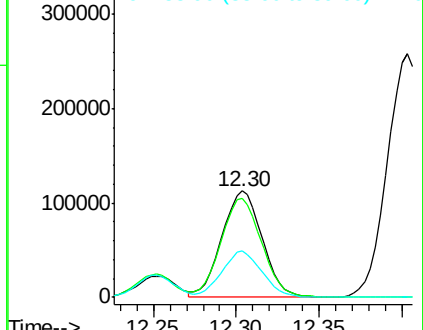
89 43.7 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 49.84 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049217.D

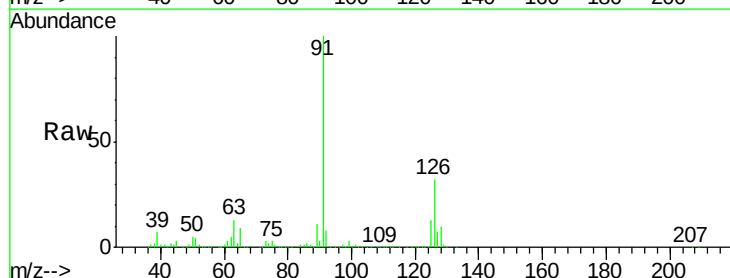
Acq: 13 Jun 2018 22:44

Tgt Ion: 91 Resp: 2202592

Ion Ratio Lower Upper

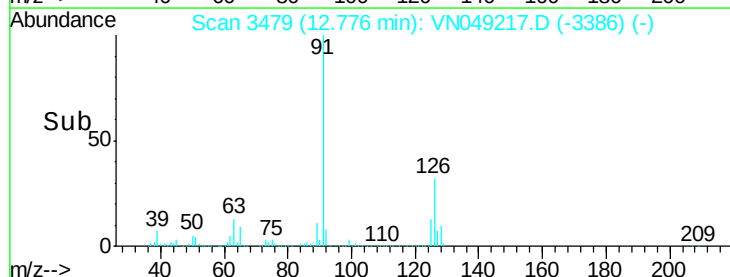
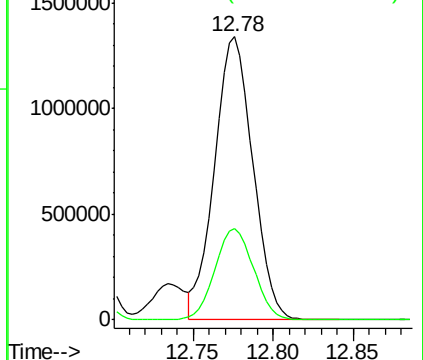
91 100

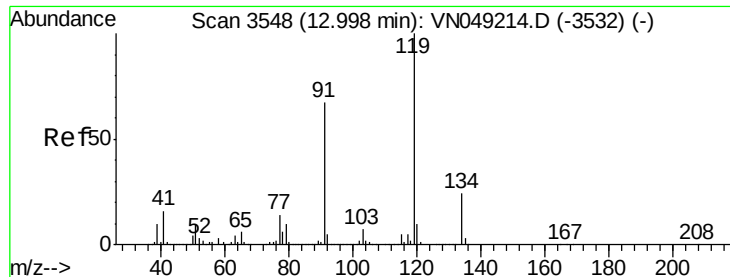
126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

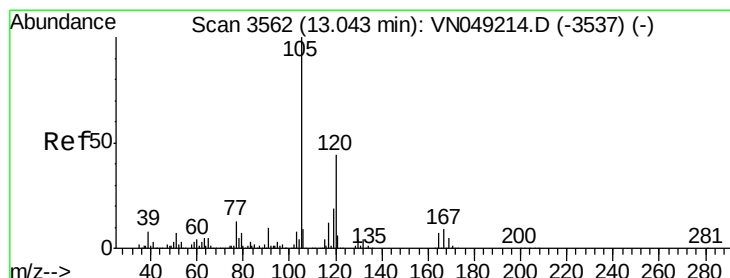
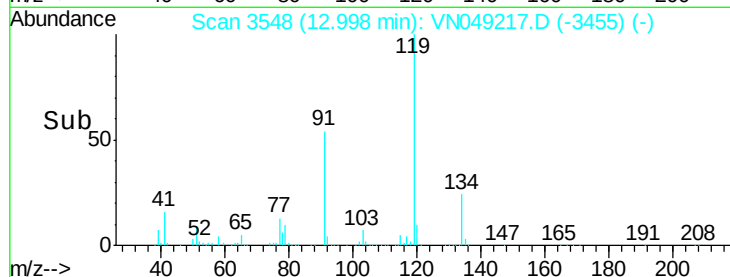
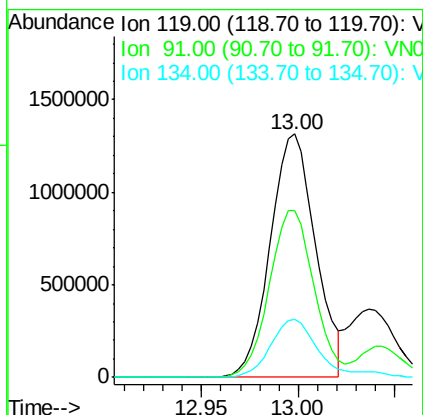
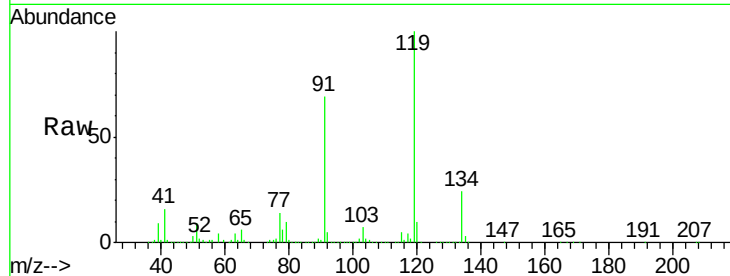




#83
 tert-Butylbenzene
 Concen: 48.88 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

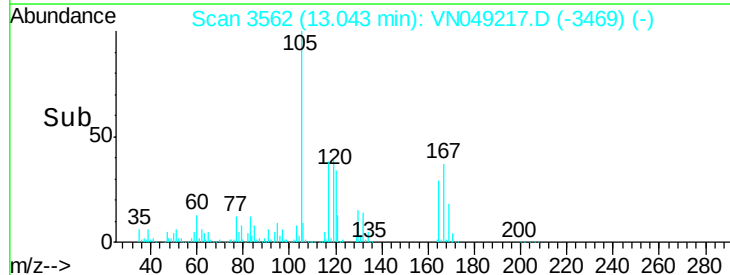
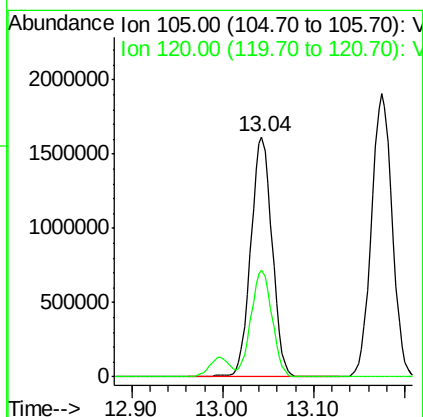
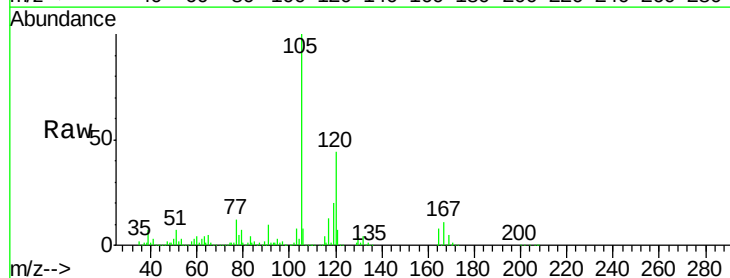
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

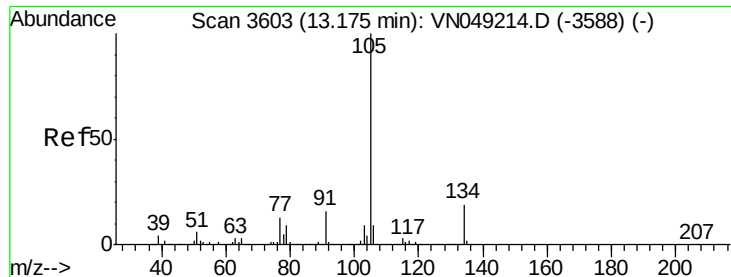
Tgt Ion:119 Resp: 2147007
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.7 101.0
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.76 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion:105 Resp: 2623013
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.25 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

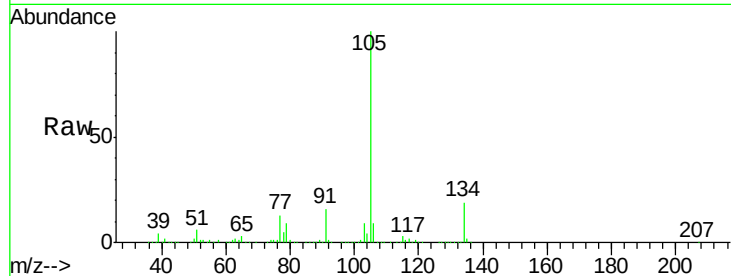
ICVVN061318

Tgt Ion:105 Resp: 3000975

Ion Ratio Lower Upper

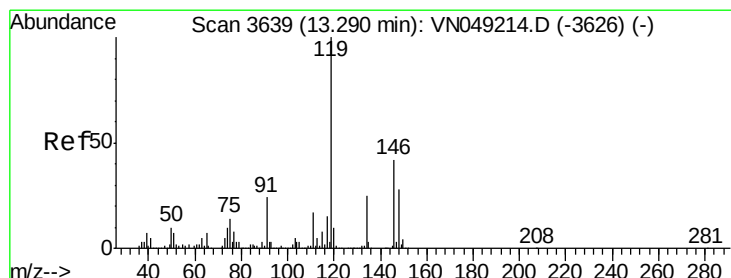
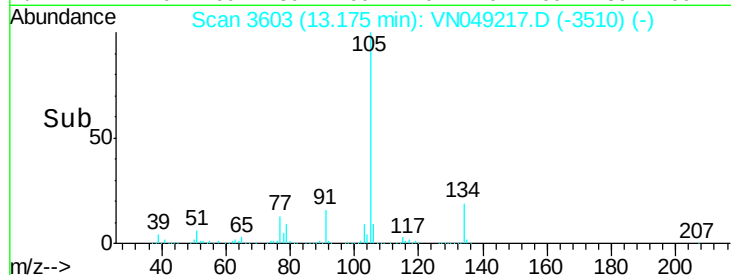
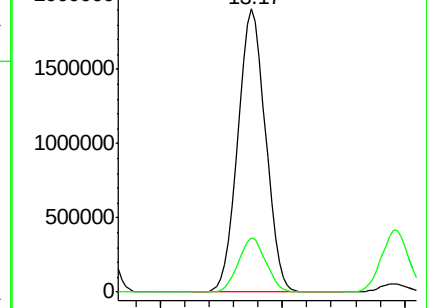
105 100

134 19.1 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: 52.78 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

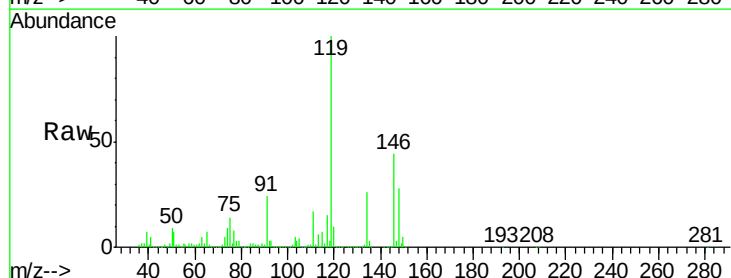
Tgt Ion:119 Resp: 2503154

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

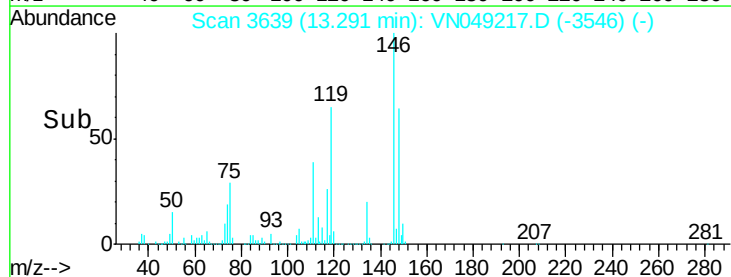
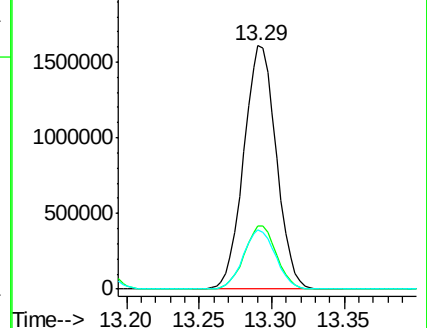
91 24.0 12.1 36.3

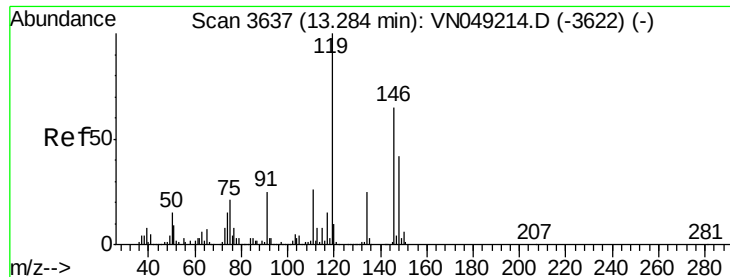


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

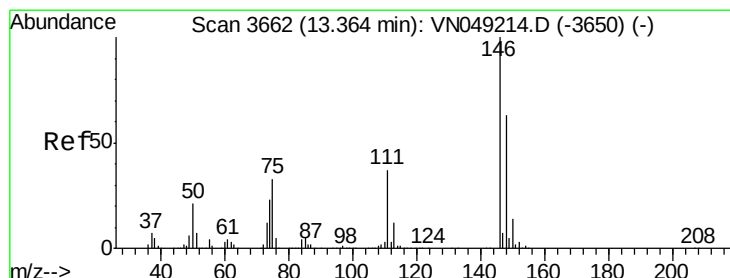
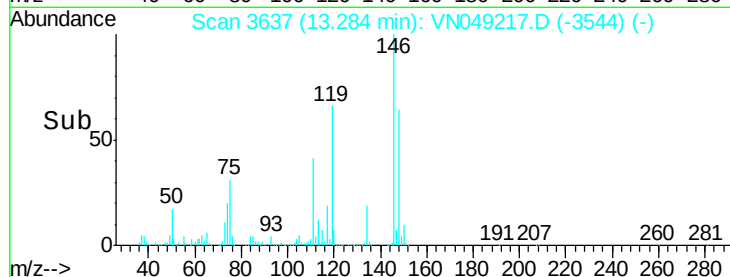
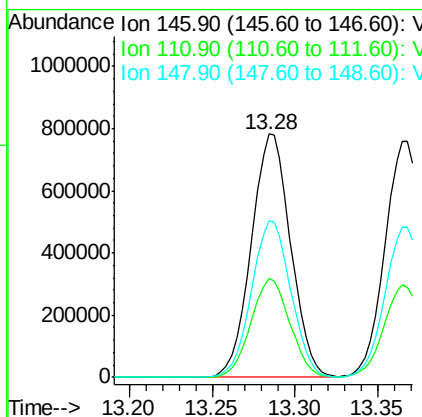
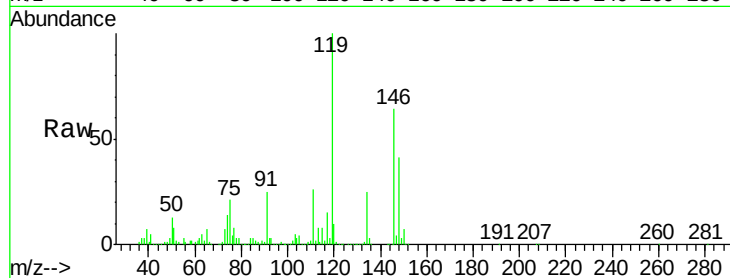




#87
 1,3-Dichlorobenzene
 Concen: 49.52 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

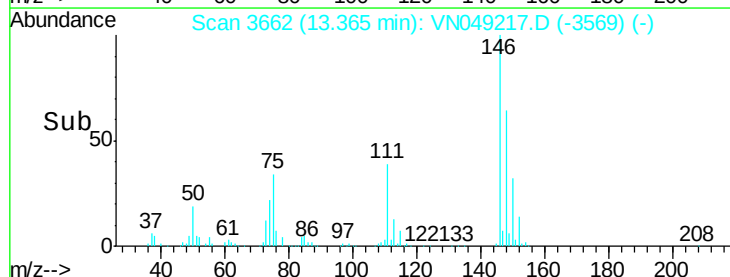
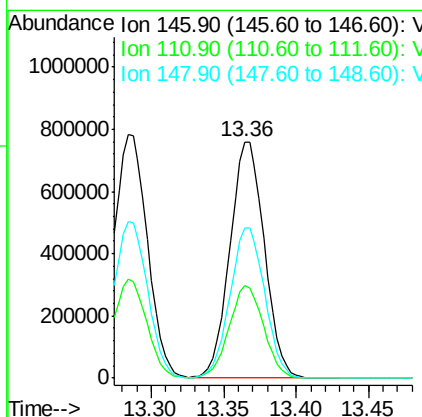
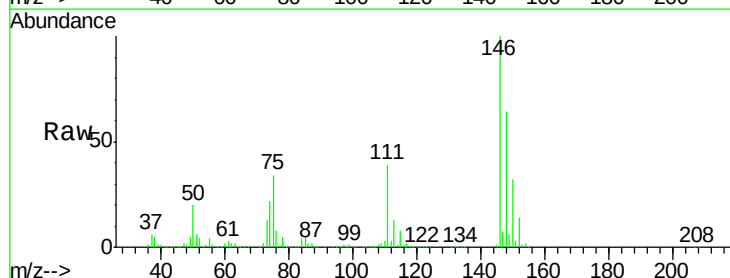
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061318

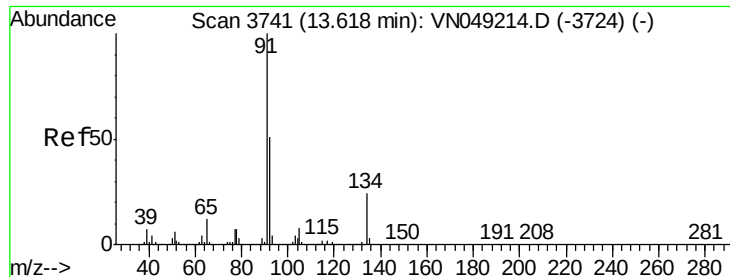
Tgt Ion:146 Resp: 1288108
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.84 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion:146 Resp: 1251381
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 51.55 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

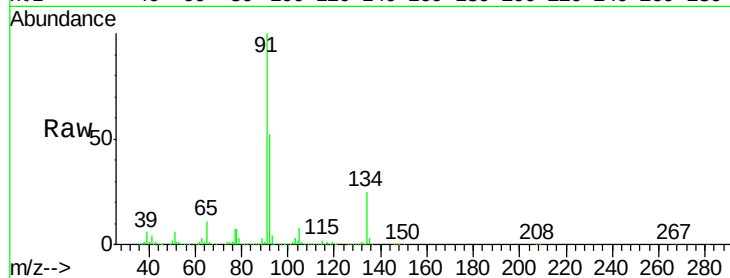
Tgt Ion: 91 Resp: 2141732

Ion Ratio Lower Upper

91 100

92 51.4 25.1 75.4

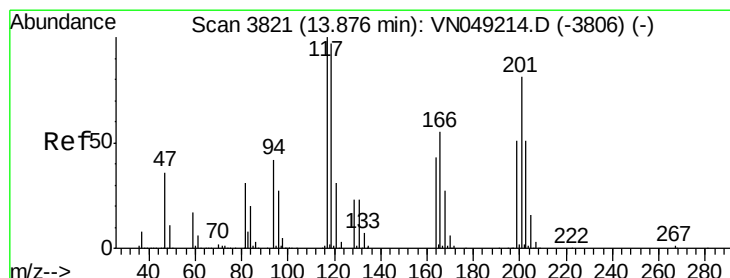
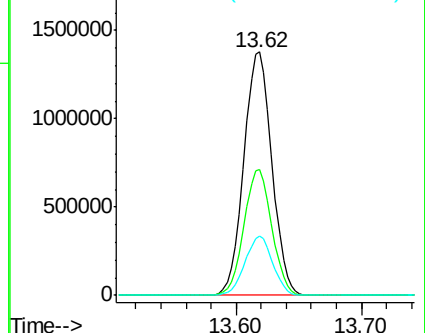
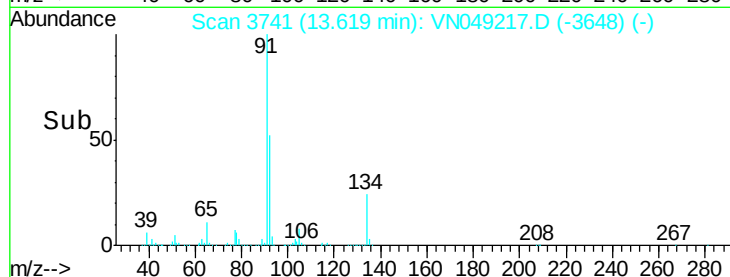
134 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN049217.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN049217.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN049217.D (-3648) (-)



#90

Hexachloroethane

Concen: 52.43 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049217.D

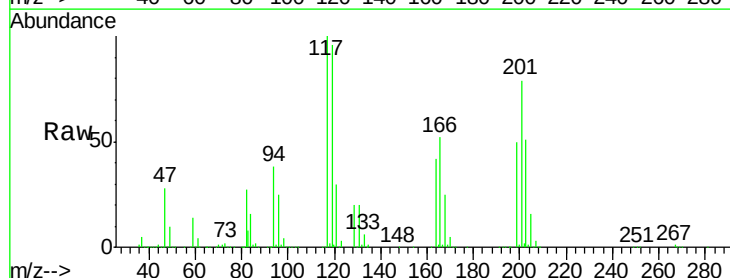
Acq: 13 Jun 2018 22:44

Tgt Ion: 117 Resp: 501639

Ion Ratio Lower Upper

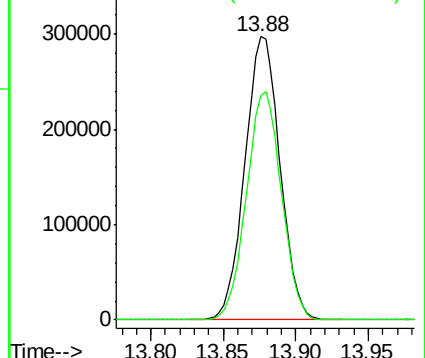
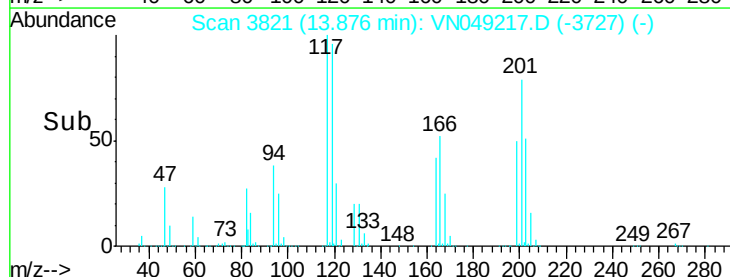
117 100

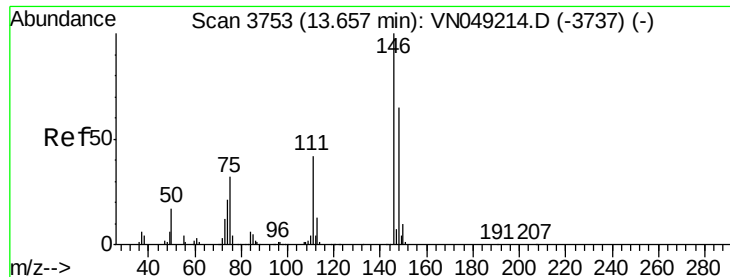
201 80.3 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN049217.D (-3727) (-)

Ion 200.70 (200.40 to 201.40): VN049217.D (-3727) (-)

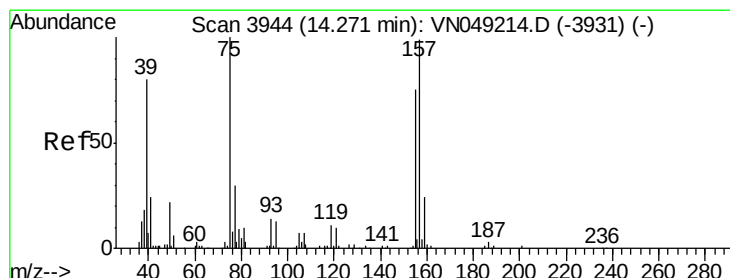
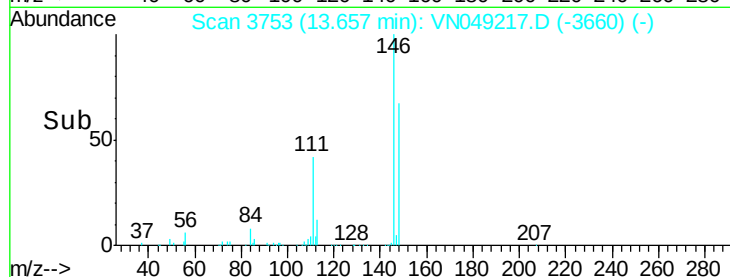
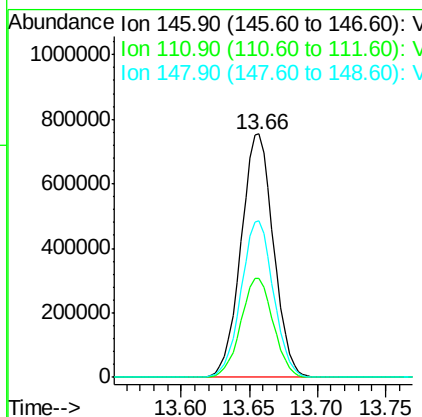
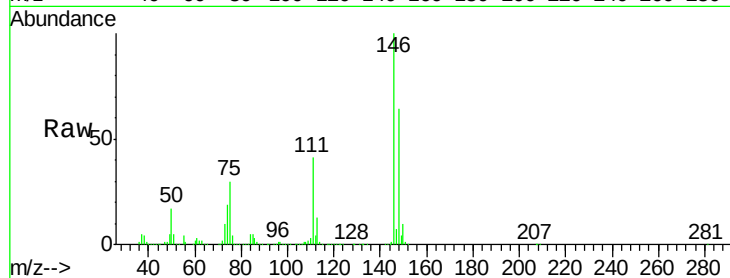




#91
 1,2-Dichlorobenzene
 Concen: 48.63 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

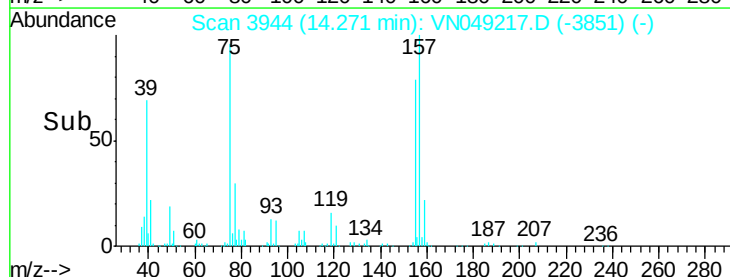
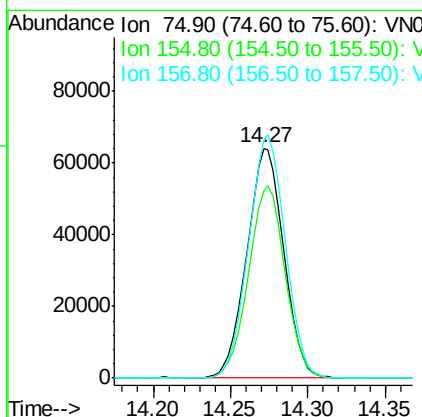
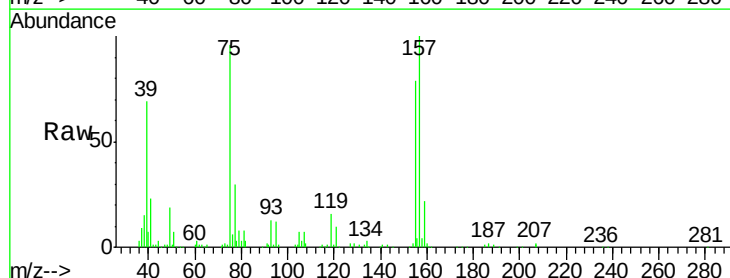
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

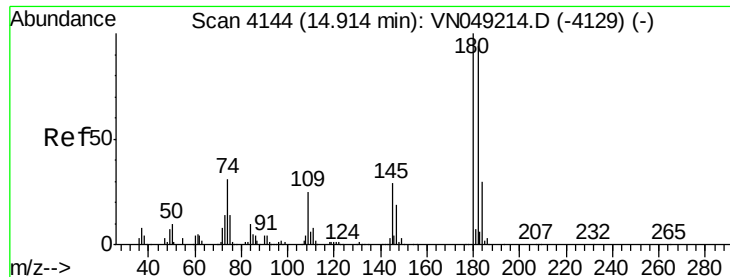
Tgt Ion:146 Resp: 1244550
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.2
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.12 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion: 75 Resp: 106666
 Ion Ratio Lower Upper
 75 100
 155 82.9 38.8 116.3
 157 105.3 51.0 153.1

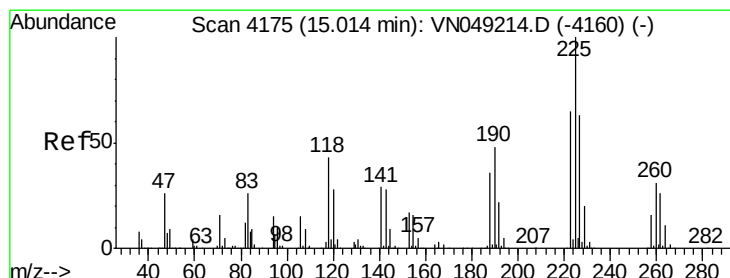
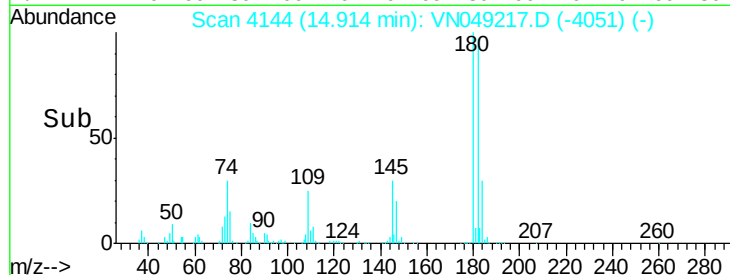
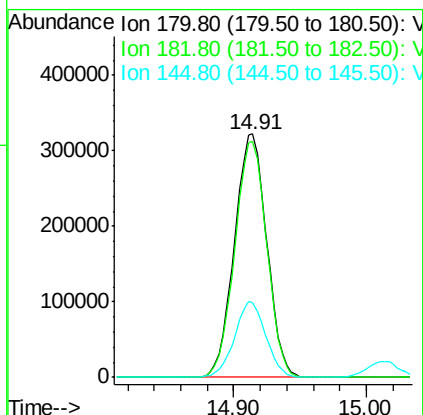
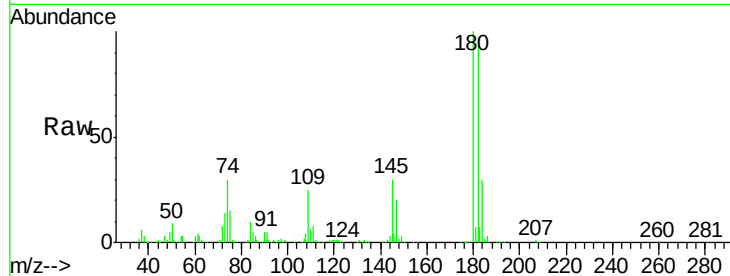




#93
 1,2,4-Trichlorobenzene
 Concen: 49.57 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

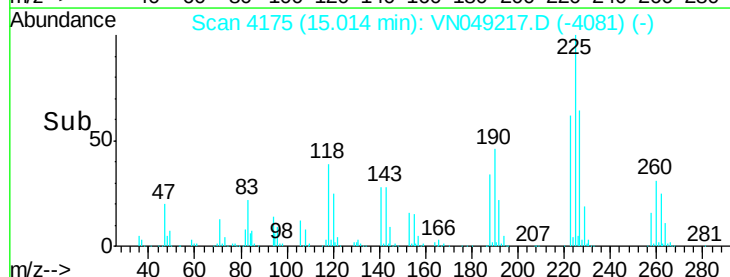
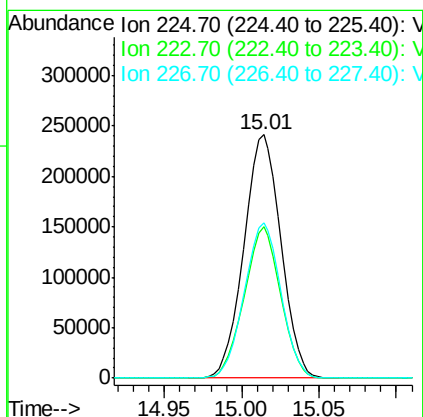
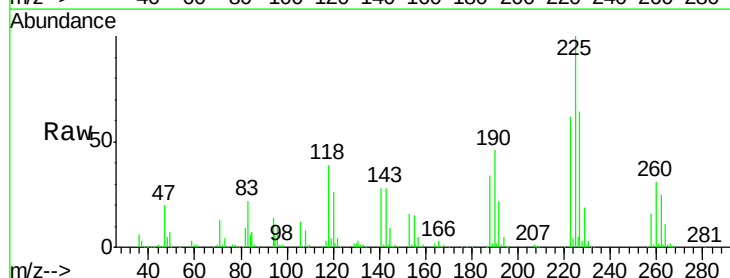
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061318

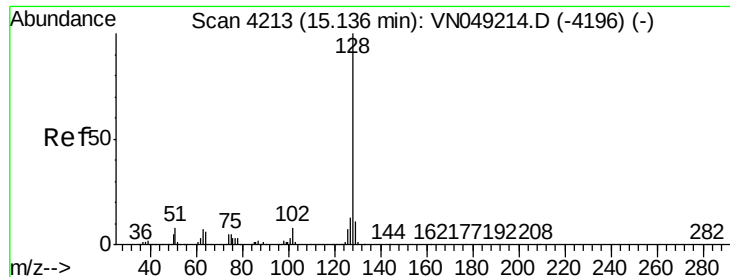
Tgt Ion:180 Resp: 544412
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.8
 145 30.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 52.04 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049217.D
 Acq: 13 Jun 2018 22:44

Tgt Ion:225 Resp: 402726
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.1 96.3
 227 62.9 31.8 95.3





#95

Naphthalene

Concen: 49.33 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061318

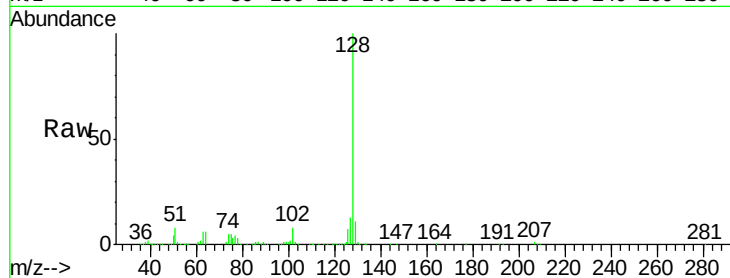
Tgt Ion:128 Resp: 1183948

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

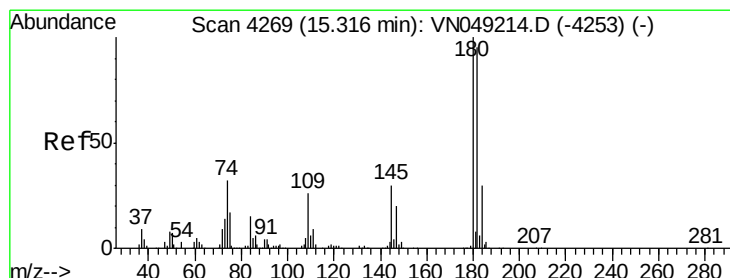
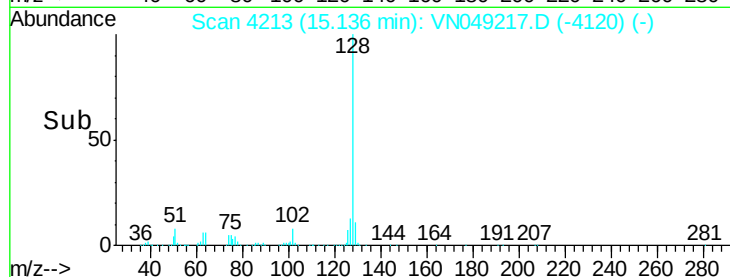
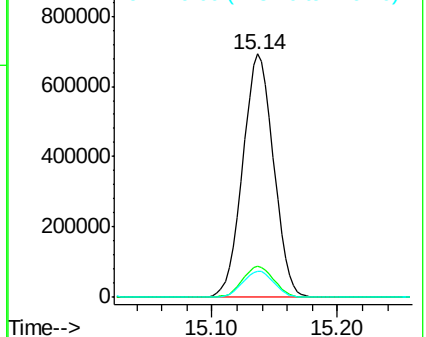
129 10.8 8.5 12.7



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: 55.01 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049217.D

Acq: 13 Jun 2018 22:44

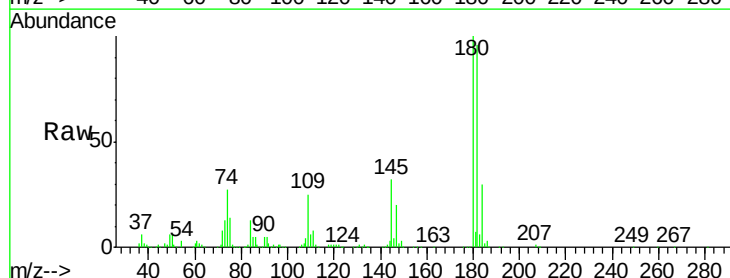
Tgt Ion:180 Resp: 555948

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 31.9 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

