

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049363.D
 Acq On : 19 Jun 2018 00:40
 Operator : MD\SY
 Sample : VN0618WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 03:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1376314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2125983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1889647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	915504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	993159	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	7.59	113	877649	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.09	98	3299509	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	1082691	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	285648	18.03	ug/l	99
3) Chloromethane	2.06	50	369595	18.07	ug/l	99
4) Vinyl Chloride	2.18	62	417983	19.23	ug/l	100
5) Bromomethane	2.56	94	200754	17.57	ug/l	94
6) Chloroethane	2.70	64	267784	20.66	ug/l	100
7) Trichlorofluoromethane	3.01	101	551079	20.32	ug/l	99
8) Diethyl Ether	3.41	74	204034	21.55	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	343086	19.94	ug/l	93
10) Methyl Iodide	3.95	142	318831	17.80	ug/l	91
11) Tert butyl alcohol	4.80	59	124194	115.92	ug/l #	82
12) 1,1-Dichloroethene	3.73	96	314476	19.93	ug/l	89
13) Acrolein	3.61	56	77954	69.38	ug/l	99
14) Allyl chloride	4.32	41	500576	20.09	ug/l	89
15) Acrylonitrile	4.99	53	612300	114.29	ug/l	98
16) Acetone	3.82	43	430105	97.04	ug/l #	88
17) Carbon Disulfide	4.05	76	890669	18.01	ug/l	99
18) Methyl Acetate	4.33	43	344470	25.49	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	908137	22.57	ug/l	98
20) Methylene Chloride	4.55	84	381646	20.62	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	339026	20.29	ug/l	94
22) Diisopropyl ether	5.96	45	1107691	22.26	ug/l	98
23) Vinyl Acetate	5.90	43	3502731	107.98	ug/l	97
24) 1,1-Dichloroethane	5.85	63	664614	20.87	ug/l	99
25) 2-Butanone	6.84	43	655175	110.09	ug/l	94
26) 2,2-Dichloropropane	6.82	77	385190	14.98	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	393278	21.17	ug/l	88
28) Bromochloromethane	7.20	49	298706	21.16	ug/l #	82
29) Tetrahydrofuran	7.22	42	445758	116.36	ug/l	93
30) Chloroform	7.37	83	665727	21.00	ug/l	99
31) Cyclohexane	7.65	56	555750	20.48	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	567674	20.99	ug/l	96
36) 1,1-Dichloropropene	7.79	75	481222	19.75	ug/l	96
37) Ethyl Acetate	6.94	43	303034	22.88	ug/l #	96
38) Carbon Tetrachloride	7.78	117	506850	20.09	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	489931	18.73	ug/l	98
40) Benzene	8.04	78	1495344	20.02	ug/l	99
41) Methacrylonitrile	7.18	41	129225	18.05	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	473648	20.52	ug/l	95
43) Isopropyl Acetate	8.17	43	597212	23.60	ug/l	97
44) Trichloroethene	8.84	130	399091	20.23	ug/l	95
45) 1,2-Dichloropropane	9.12	63	406258	20.77	ug/l	99
46) Dibromomethane	9.21	93	236144	20.82	ug/l	91
47) Bromodichloromethane	9.40	83	509793	20.45	ug/l	98
48) Methyl methacrylate	9.20	41	271648	22.79	ug/l	89
49) 1,4-Dioxane	9.20	88	74770	454.55	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1528276	115.21	ug/l	94
52) Toluene	10.16	92	920494	21.00	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	462088	19.38	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	546560	19.42	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	345792	21.16	ug/l	96
56) Ethyl methacrylate	10.43	69	411629	21.83	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	570011	21.05	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	562435	92.98	ug/l	95
59) 2-Hexanone	10.75	43	965070	112.85	ug/l	94
60) Dibromochloromethane	10.90	129	376749	20.65	ug/l	98
61) 1,2-Dibromoethane	11.01	107	320791	21.12	ug/l	99
64) Tetrachloroethene	10.63	164	435753	22.50	ug/l	98
65) Chlorobenzene	11.44	112	991515	20.37	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	375120	20.48	ug/l	100
67) Ethyl Benzene	11.51	91	1676116	20.76	ug/l	98
68) m/p-Xylenes	11.63	106	1288842	42.53	ug/l	97
69) o-Xylene	11.95	106	623201	21.35	ug/l	96
70) Styrene	11.97	104	1003305	21.79	ug/l	97
71) Bromoform	12.13	173	257363	21.70	ug/l	98
73) Isopropylbenzene	12.25	105	1661070	20.66	ug/l	98
74) N-amyl acetate	12.07	43	423550	21.51	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	399488	22.95	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	490603	31.41	ug/l #	100
77) Bromobenzene	12.53	156	416931	19.64	ug/l	91
78) n-propylbenzene	12.59	91	1837007	20.81	ug/l	99
79) 2-Chlorotoluene	12.68	91	1142409	20.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1359990	21.53	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	92843	18.78	ug/l	93
82) 4-Chlorotoluene	12.78	91	1127589	20.90	ug/l	98
83) tert-Butylbenzene	13.00	119	1165979	20.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1367938	21.79	ug/l	99
85) sec-Butylbenzene	13.17	105	1505903	20.21	ug/l	99
86) p-Isopropyltoluene	13.29	119	1261149	20.26	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	709692	20.32	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	681114	19.67	ug/l	99
89) n-Butylbenzene	13.62	91	916477	18.85	ug/l	98
90) Hexachloroethane	13.88	117	255314	20.68	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	704062	20.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58447	20.88	ug/l	85

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Instrument :
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ClientSampleId :

Quant Time: Jun 19 03:58:09 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

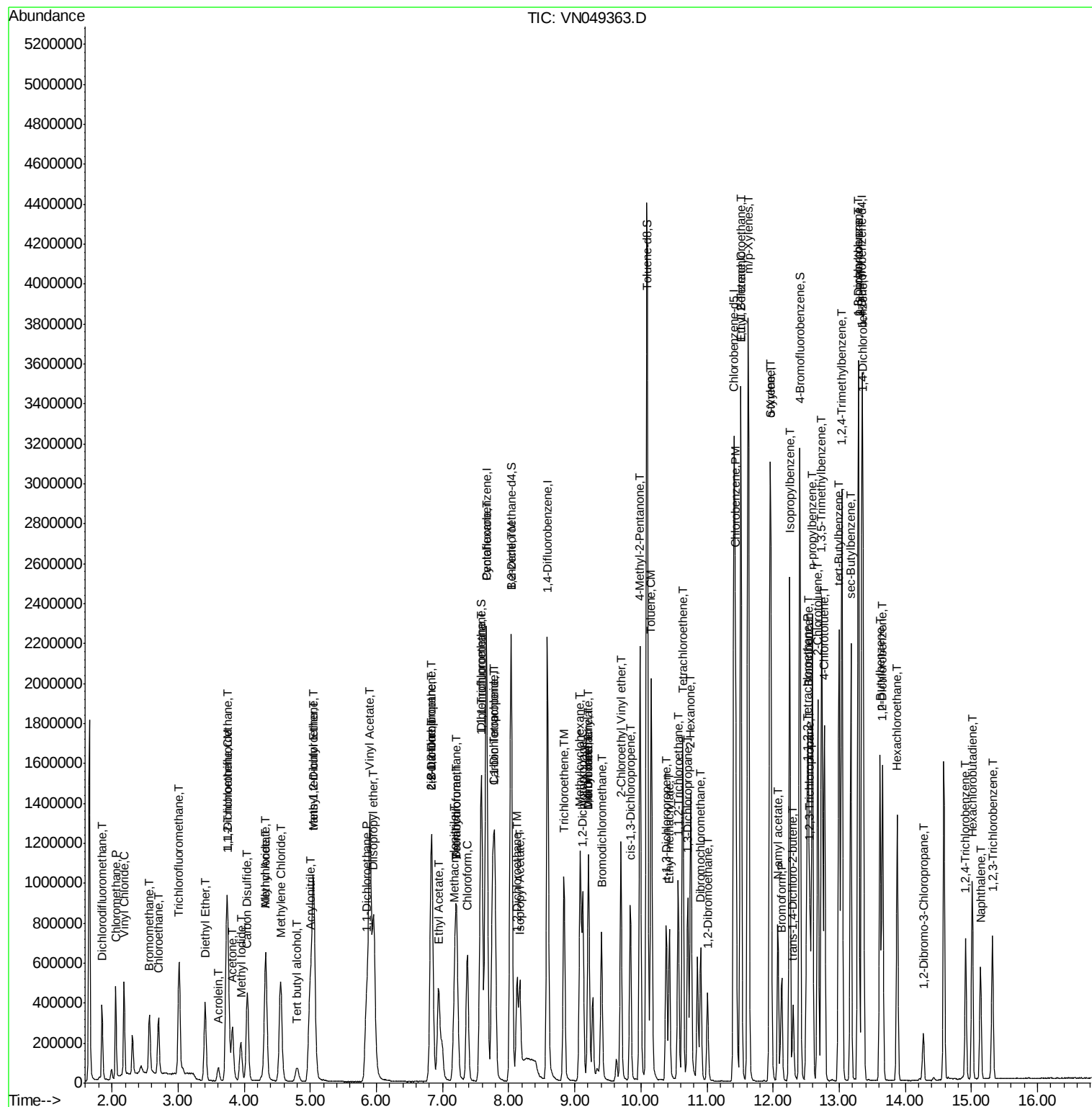
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	243573	18.78	ug/l	99
94) Hexachlorobutadiene	15.01	225	212711	19.57	ug/l	98
95) Naphthalene	15.14	128	492871	20.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	263633	19.45	ug/l	98

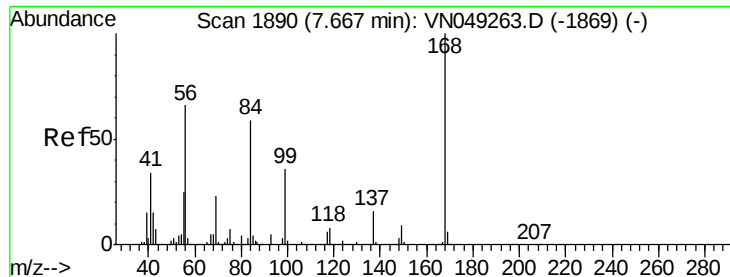
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 03:53:04 2018
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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

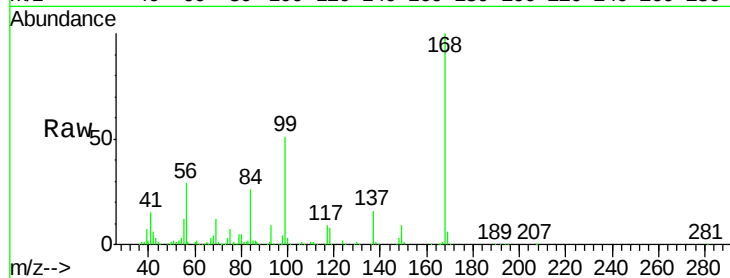
ClientSampled :

Tot Ion:168 Resp: 1376314

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

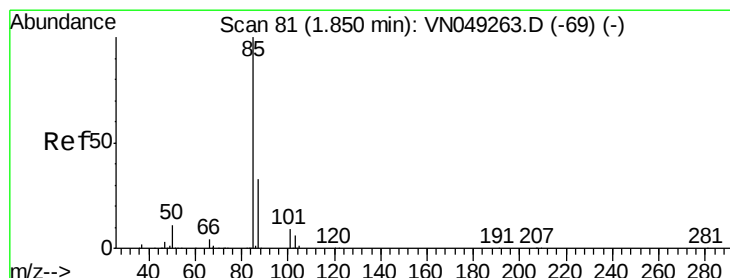
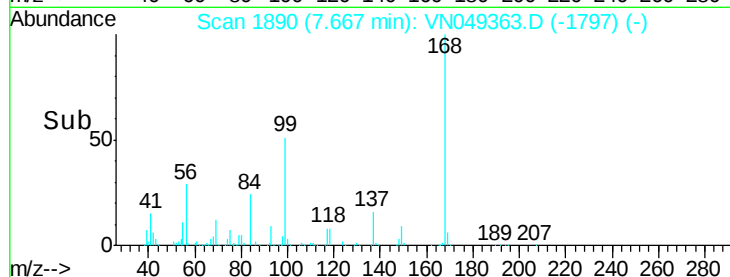
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.03 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049363.D

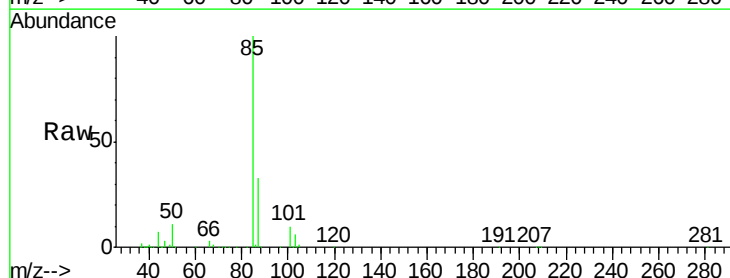
Acq: 19 Jun 2018 00:40

Tgt Ion: 85 Resp: 285648

Ion Ratio Lower Upper

85 100

87 32.8 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

250000

200000

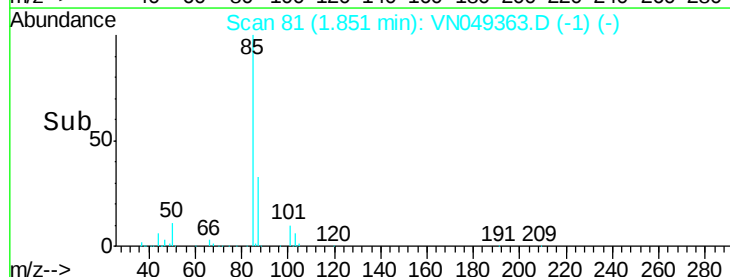
150000

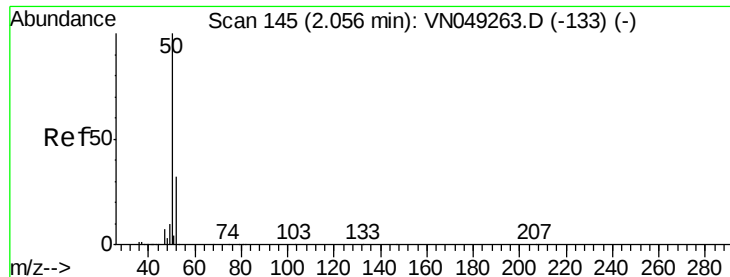
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.07 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

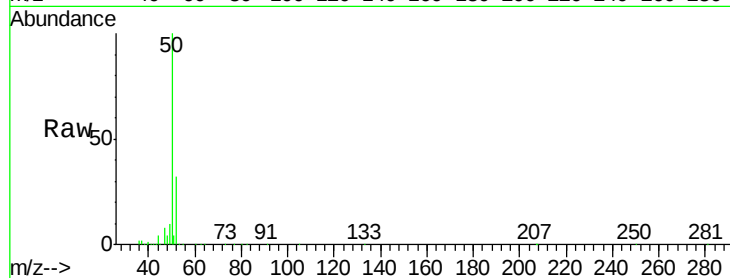
ClientSampleId :

Tot Ion: 50 Resp: 369595

Ion Ratio Lower Upper

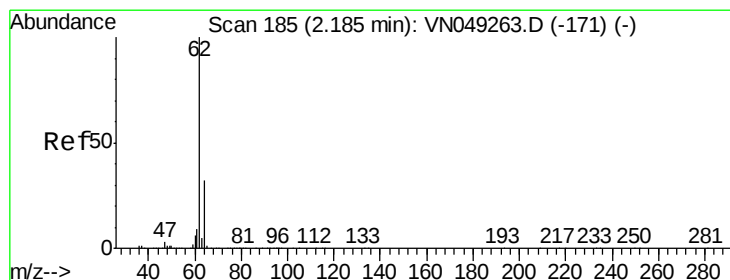
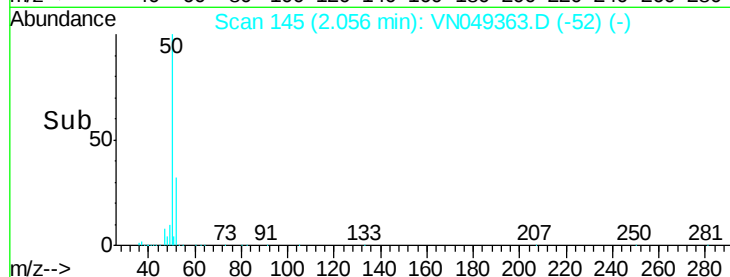
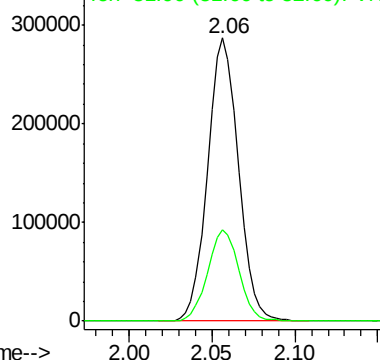
50 100

52 32.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.23 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049363.D

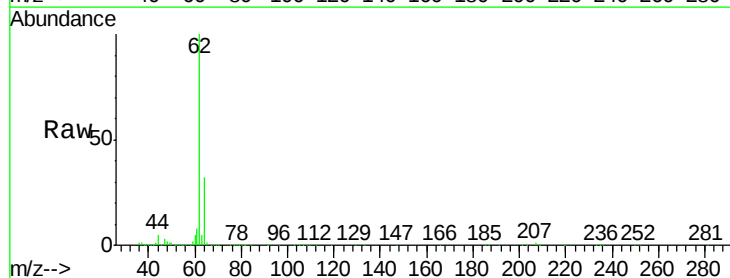
Acq: 19 Jun 2018 00:40

Tgt Ion: 62 Resp: 417983

Ion Ratio Lower Upper

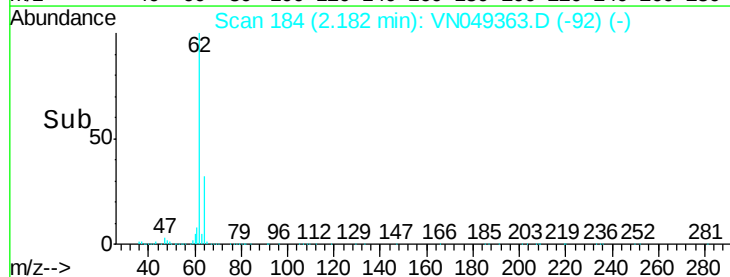
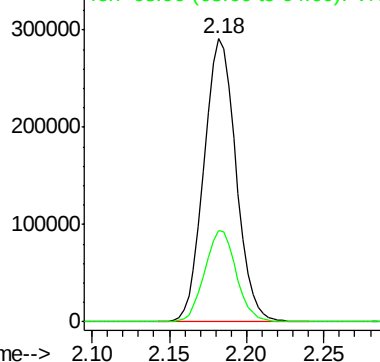
62 100

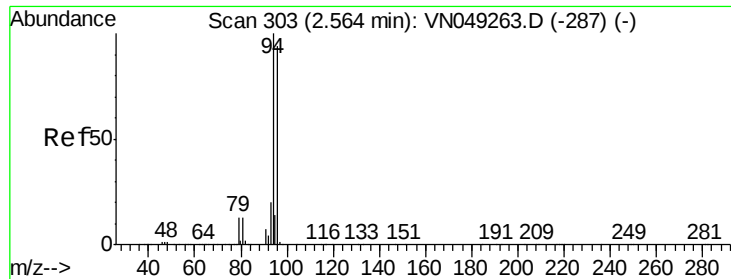
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.57 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

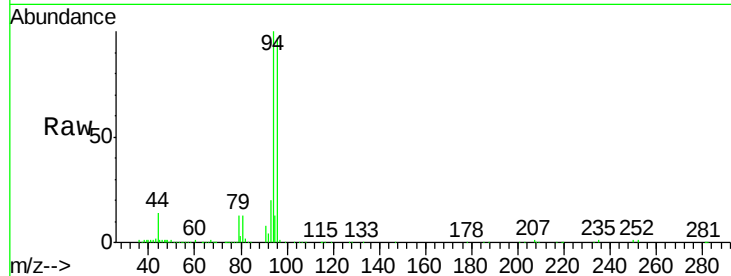
ClientSampleId :

Tot Ion: 94 Resp: 200754

Ion Ratio Lower Upper

94 100

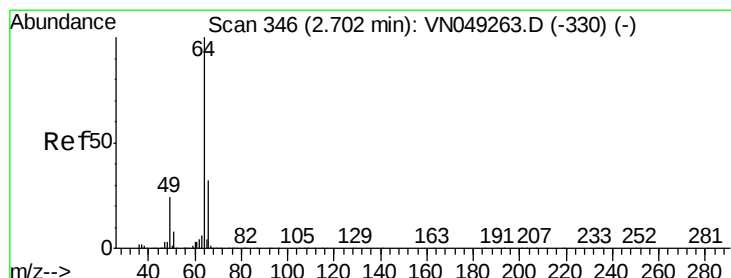
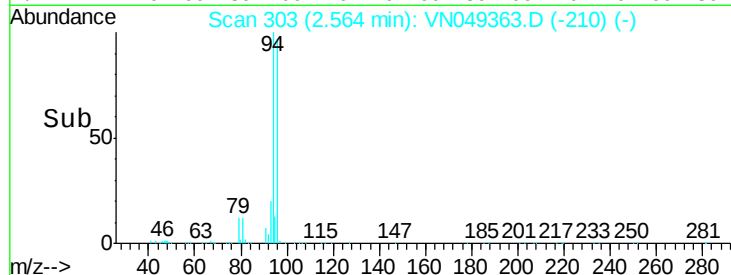
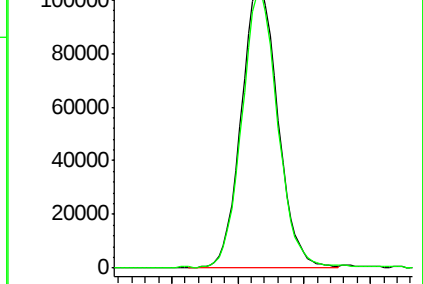
96 97.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049363.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN049363.D (-287) (-)

2.56



#6

Chloroethane

Concen: 20.66 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049363.D

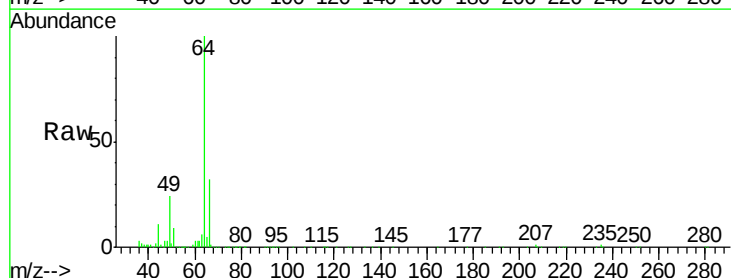
Acq: 19 Jun 2018 00:40

Tgt Ion: 64 Resp: 267784

Ion Ratio Lower Upper

64 100

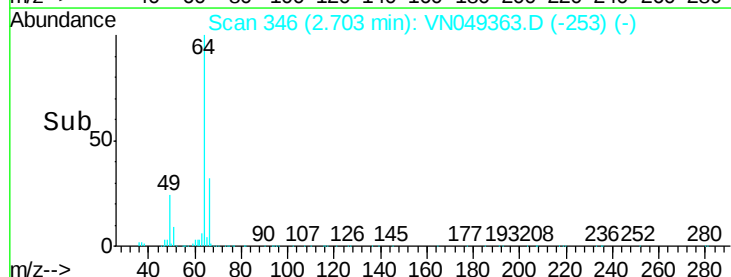
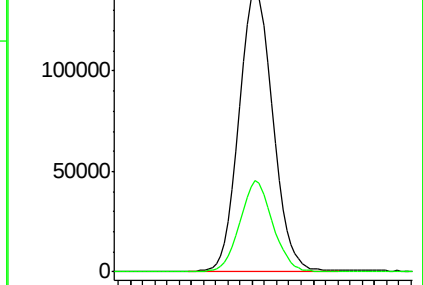
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049363.D (-330) (-)

Ion 65.90 (65.60 to 66.60): VN049363.D (-330) (-)

2.70



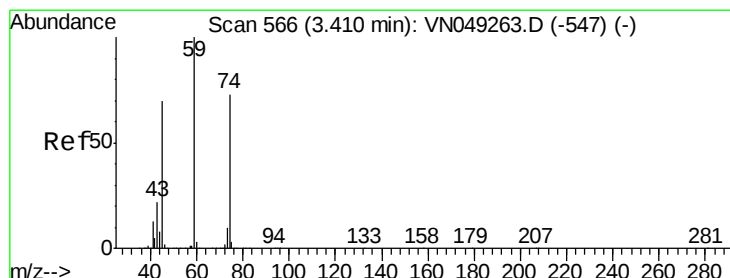
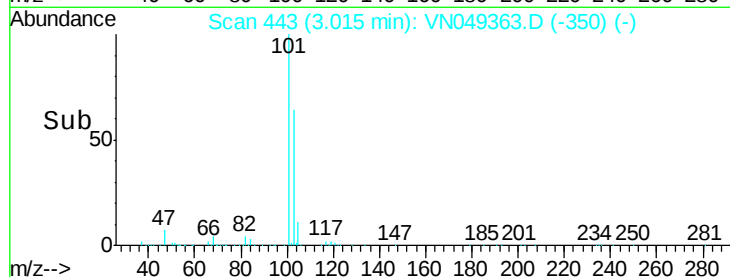
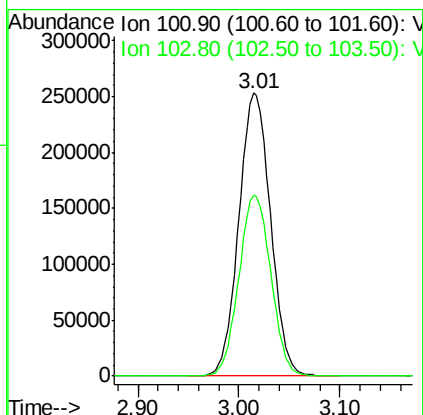
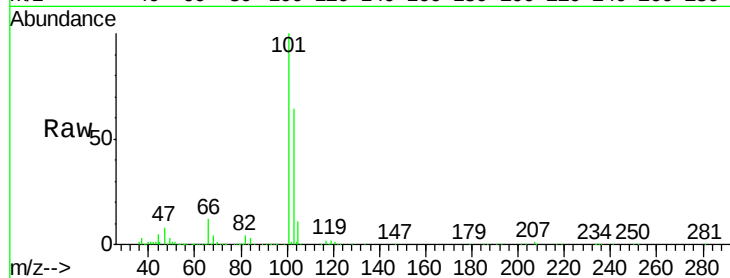


#7

Trichlorofluoromethane
Concen: 20.32 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampled :

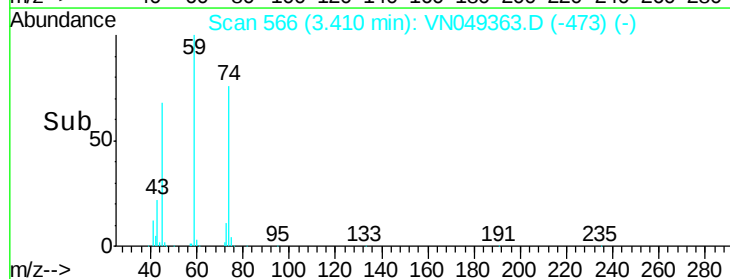
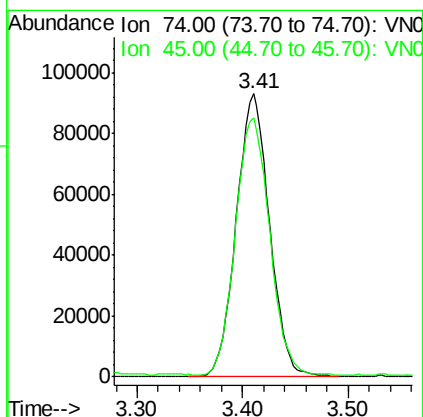
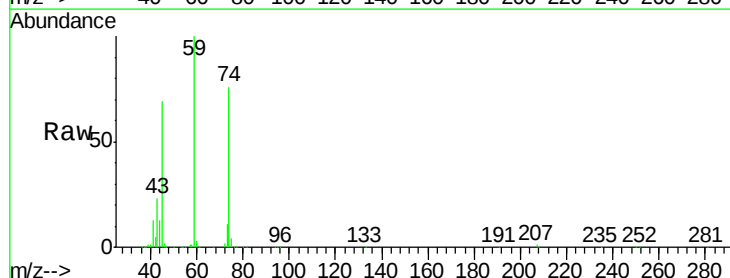
Tot Ion:101 Resp: 551079
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5



#8

Diethyl Ether
Concen: 21.55 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 74 Resp: 204034
Ion Ratio Lower Upper
74 100
45 93.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.94 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

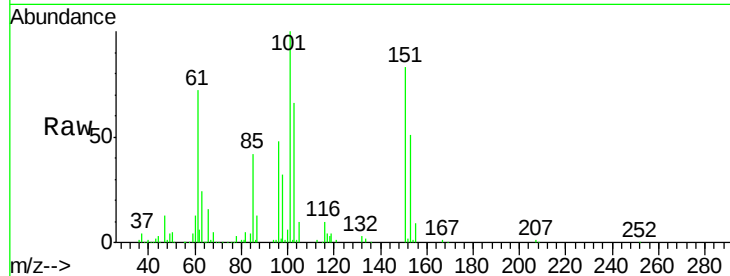
Tot Ion:101 Resp: 343086

Ion Ratio Lower Upper

101 100

85 41.8 37.6 56.4

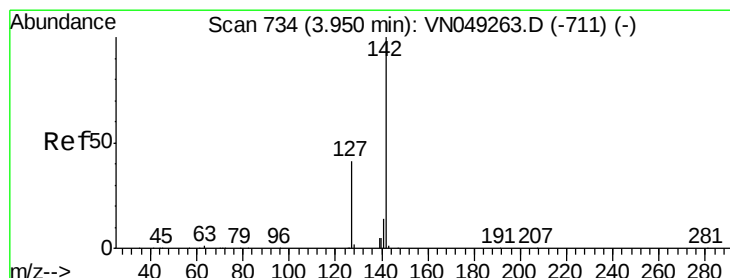
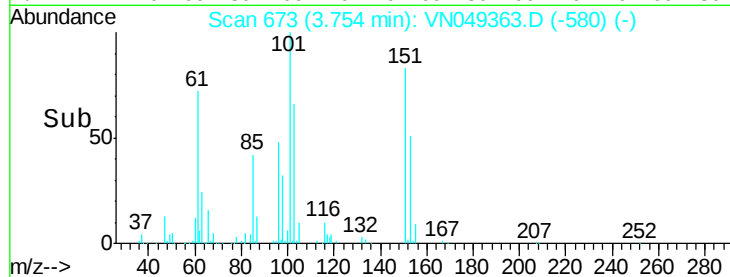
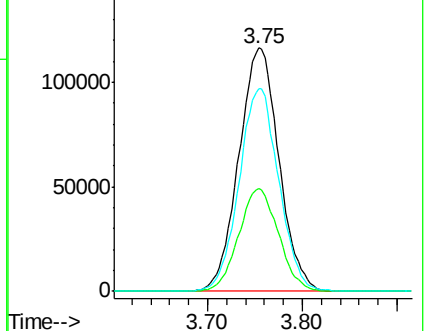
151 82.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.80 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

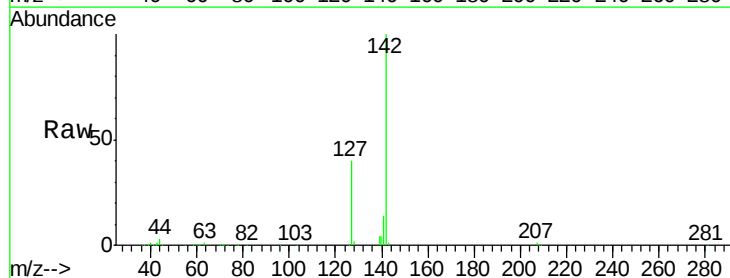
Tgt Ion:142 Resp: 318831

Ion Ratio Lower Upper

142 100

127 40.4 38.2 57.4

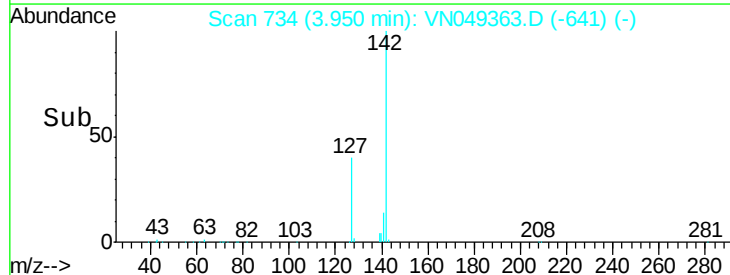
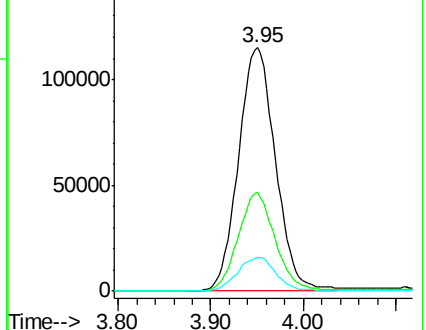
141 14.2 11.9 17.9

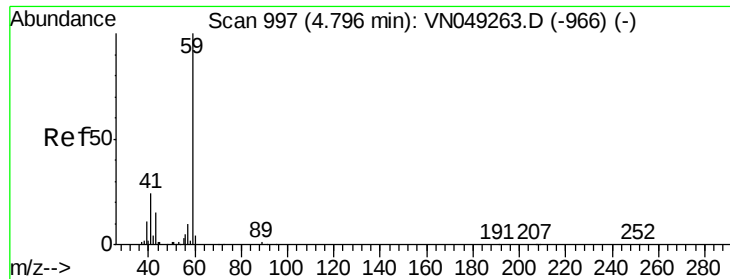


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



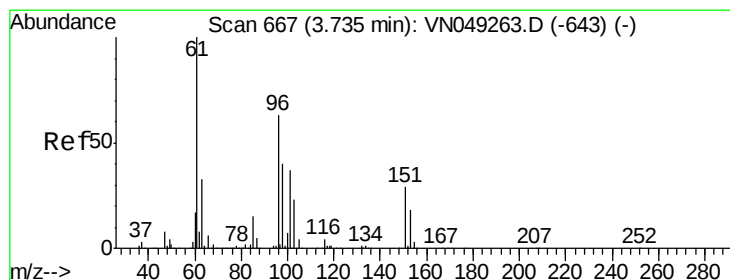
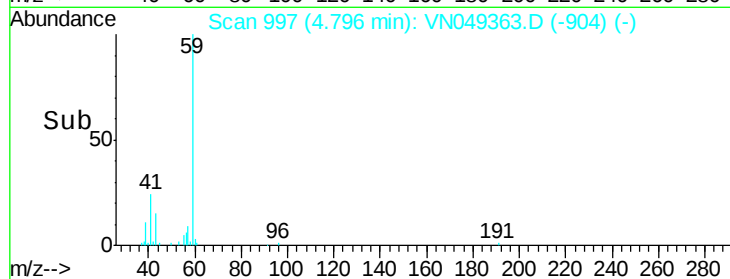
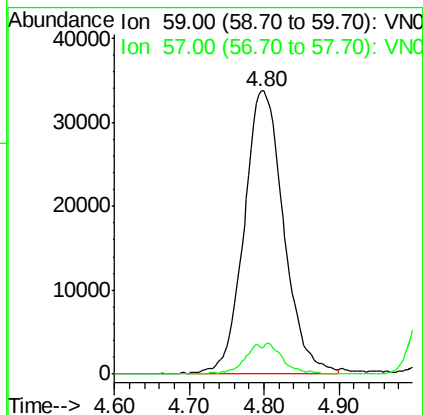
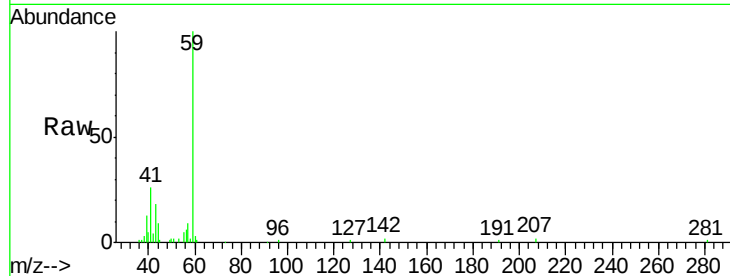


#11

Tert butyl alcohol
 Concen: 115.92 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Instrument :
 MSVOA_N
 ClientSampleId :

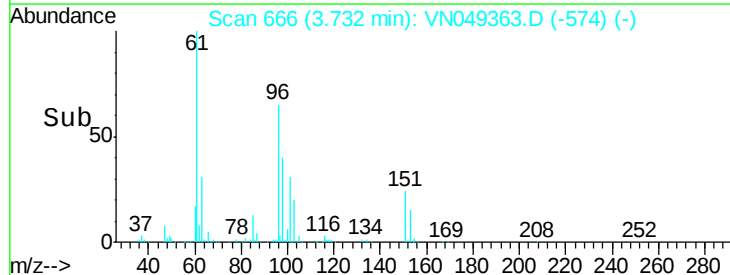
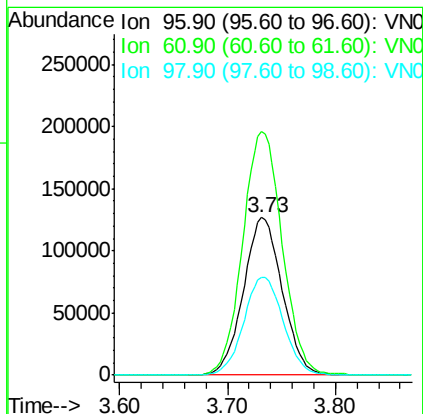
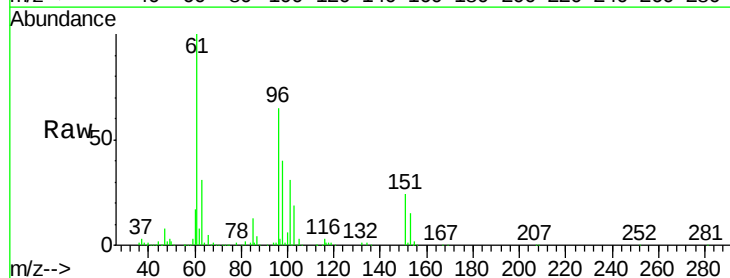
Tot Ion: 59 Resp: 124194
 Ion Ratio Lower Upper
 59 100
 57 4.5 9.0 13.6#

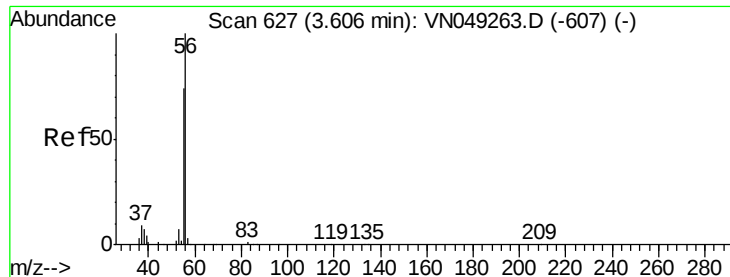


#12

1,1-Dichloroethene
 Concen: 19.93 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion: 96 Resp: 314476
 Ion Ratio Lower Upper
 96 100
 61 155.0 141.0 211.4
 98 62.5 50.4 75.6





#13

Acrolein

Concen: 69.38 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

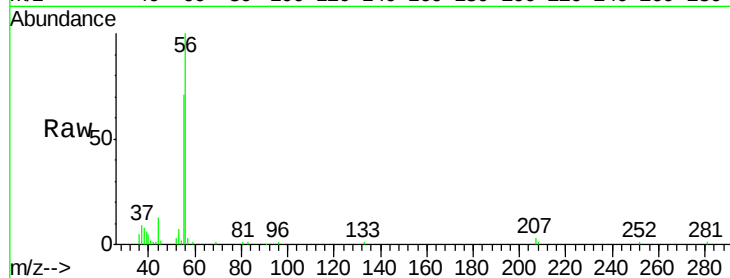
ClientSampleId :

Tot Ion: 56 Resp: 77954

Ion Ratio Lower Upper

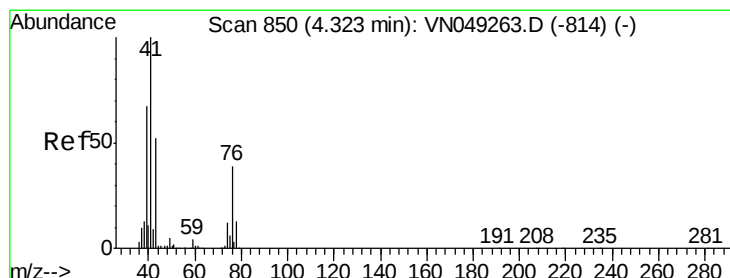
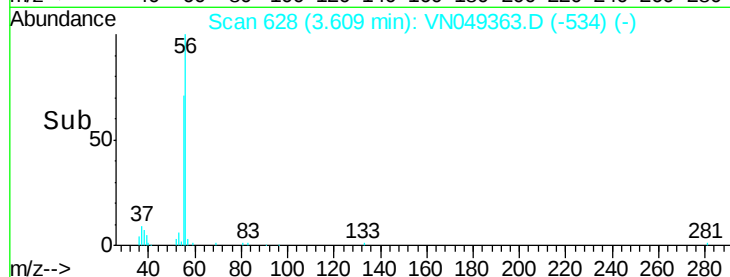
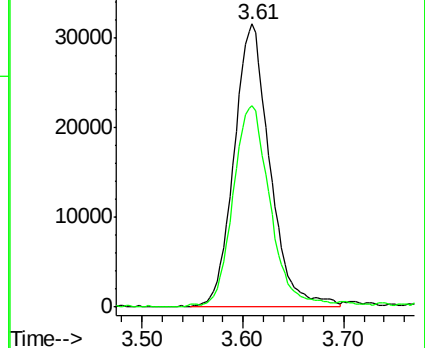
56 100

55 70.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.09 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

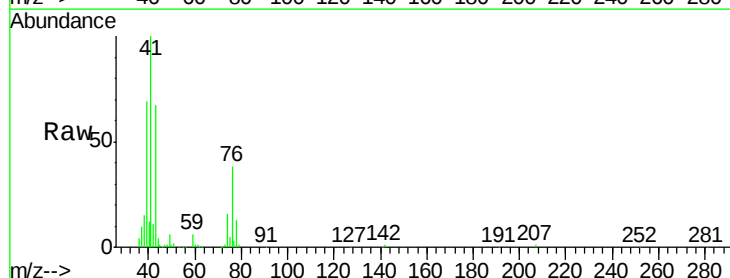
Tgt Ion: 41 Resp: 500576

Ion Ratio Lower Upper

41 100

39 65.9 62.5 93.7

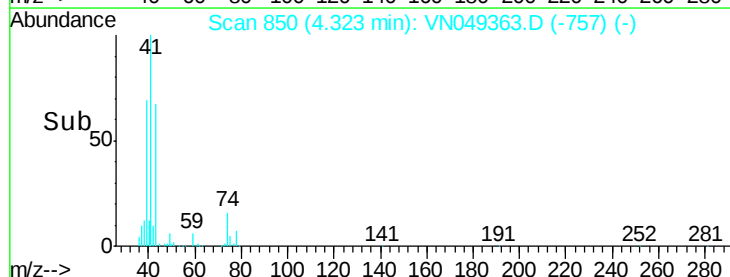
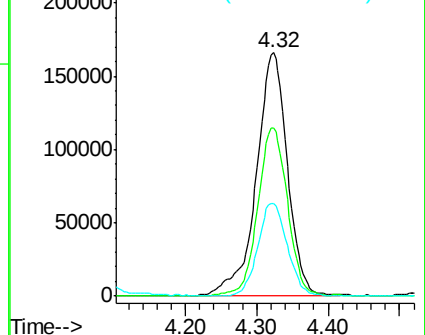
76 35.7 27.1 40.7

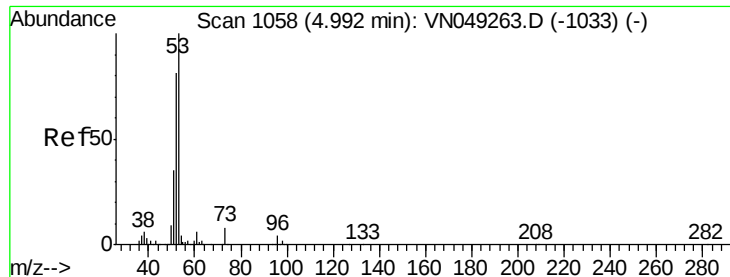


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 114.29 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampled :

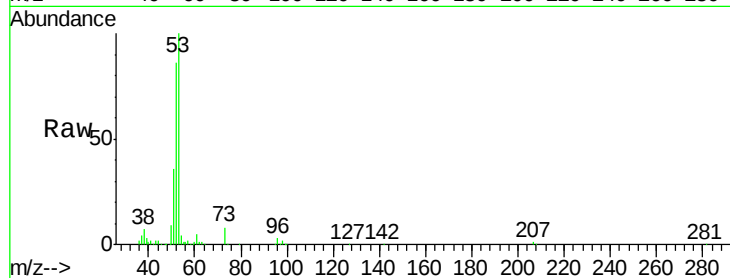
Tot Ion: 53 Resp: 612300

Ion Ratio Lower Upper

53 100

52 81.5 66.6 100.0

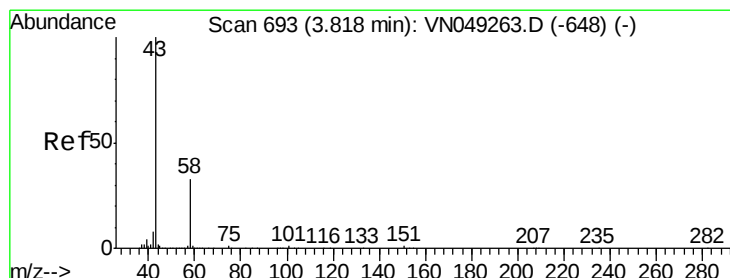
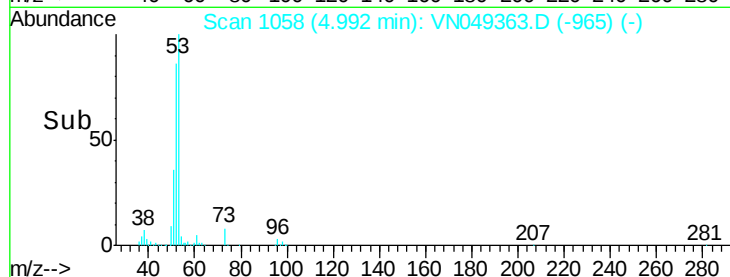
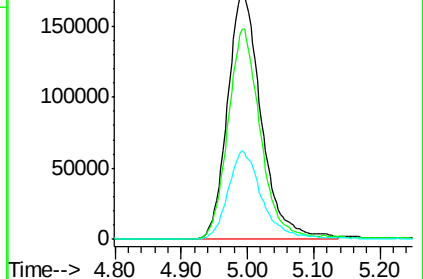
51 36.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049363.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049363.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049363.D (-1033) (-)



#16

Acetone

Concen: 97.04 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049363.D

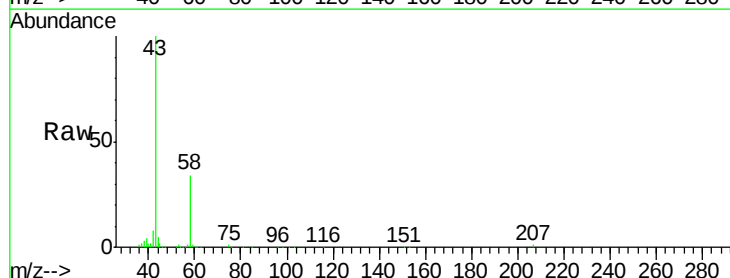
Acq: 19 Jun 2018 00:40

Tgt Ion: 43 Resp: 430105

Ion Ratio Lower Upper

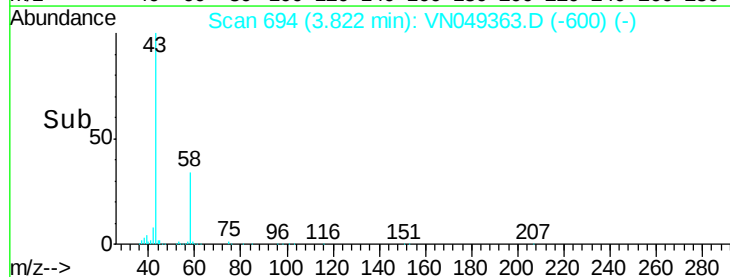
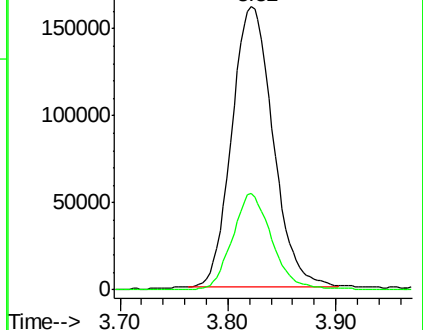
43 100

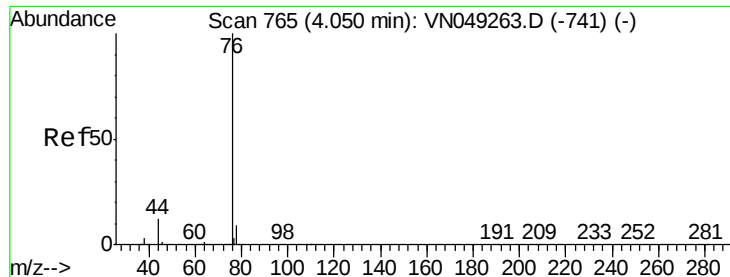
58 34.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049363.D (-648) (-)

Ion 58.00 (57.70 to 58.70): VN049363.D (-648) (-)





#17

Carbon Disulfide

Concen: 18.01 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

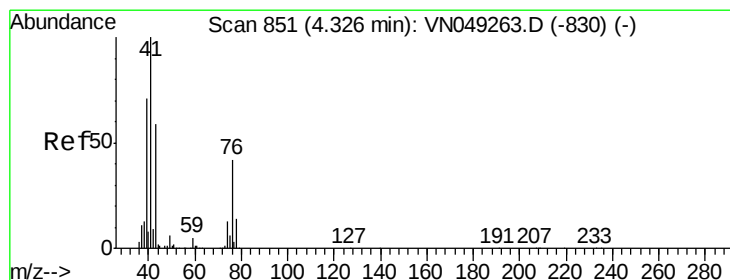
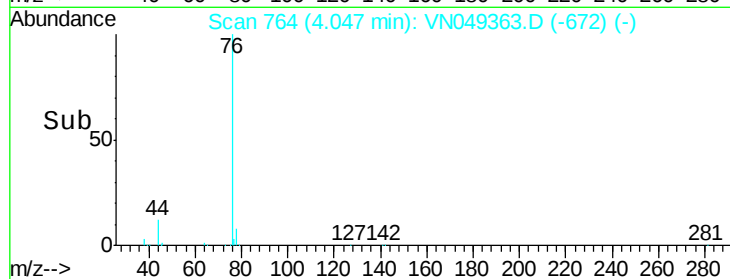
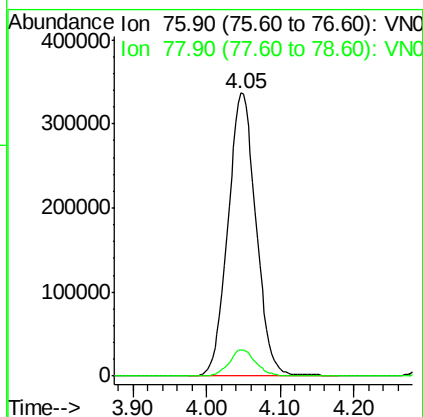
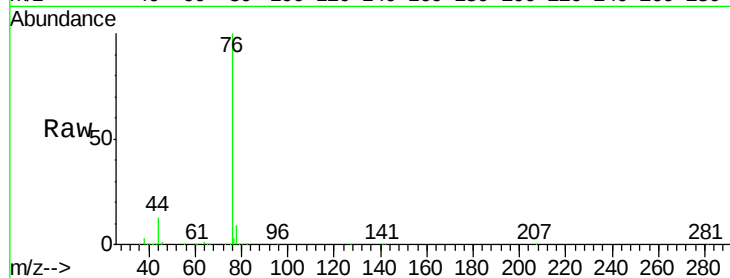
ClientSampleId :

Tot Ion: 76 Resp: 890669

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 25.49 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049363.D

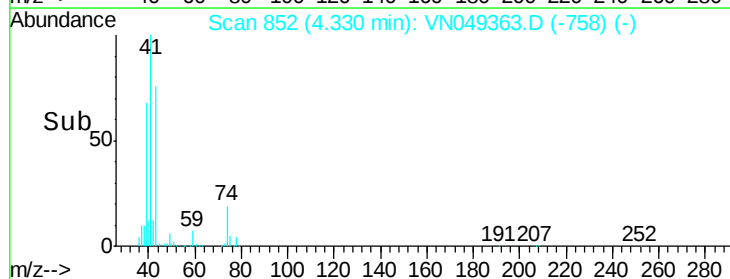
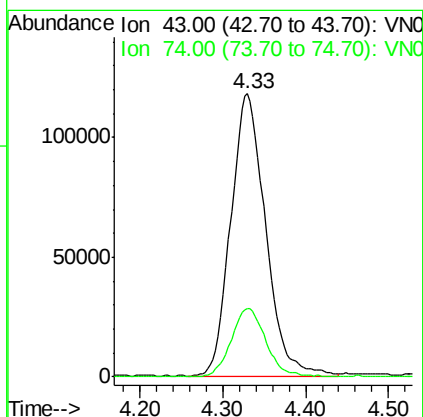
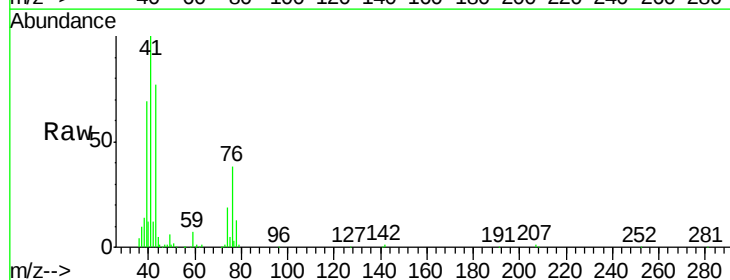
Acq: 19 Jun 2018 00:40

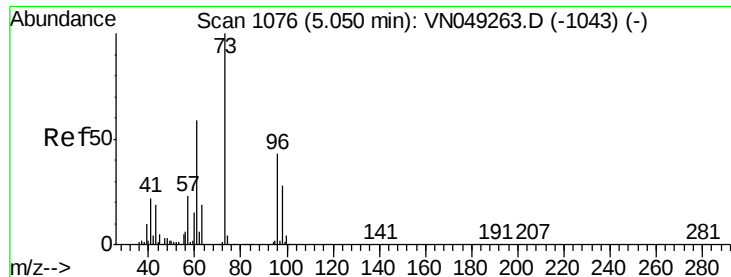
Tgt Ion: 43 Resp: 344470

Ion Ratio Lower Upper

43 100

74 24.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 22.57 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

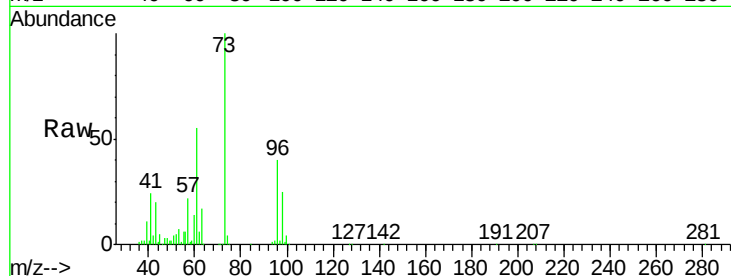
ClientSampled :

Tot Ion: 73 Resp: 908137

Ion Ratio Lower Upper

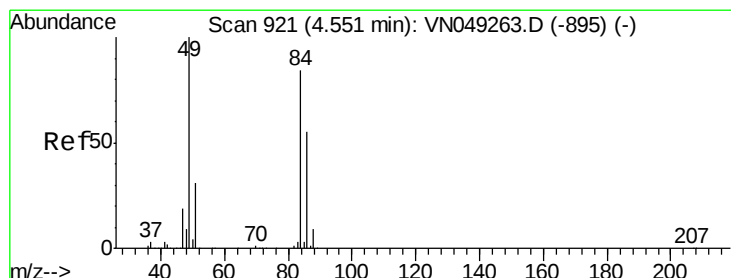
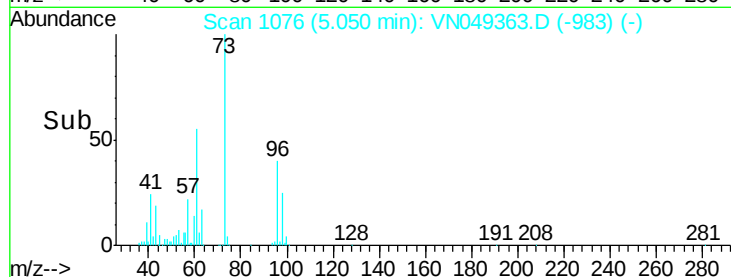
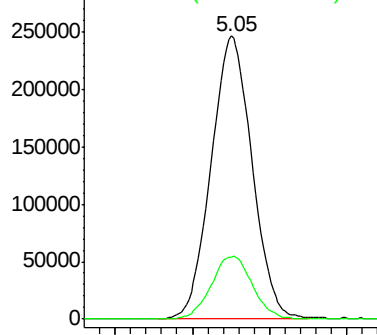
73 100

57 22.0 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VNC

Ion 57.00 (56.70 to 57.70): VNC



#20

Methylene Chloride

Concen: 20.62 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Tgt Ion: 84 Resp: 381646

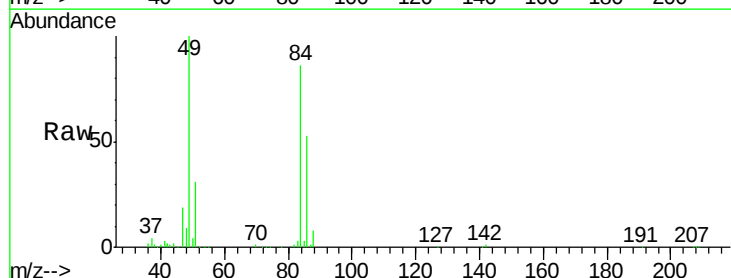
Ion Ratio Lower Upper

84 100

49 116.5 106.9 160.3

51 36.5 32.7 49.1

86 61.9 49.8 74.8

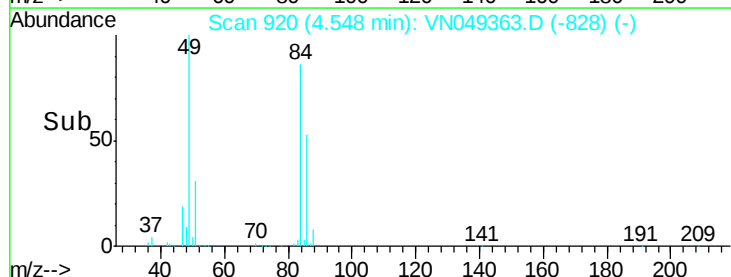
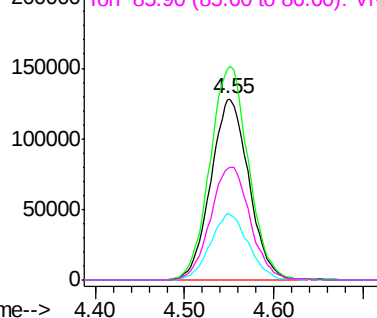


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#21

trans-1,2-Dichloroethene

Concen: 20.29 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

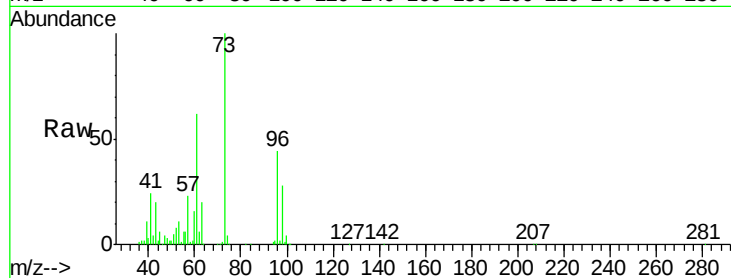
Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 339026

Ion	Ratio	Lower	Upper
96	100		
61	140.4	121.3	181.9
98	64.4	52.0	78.0

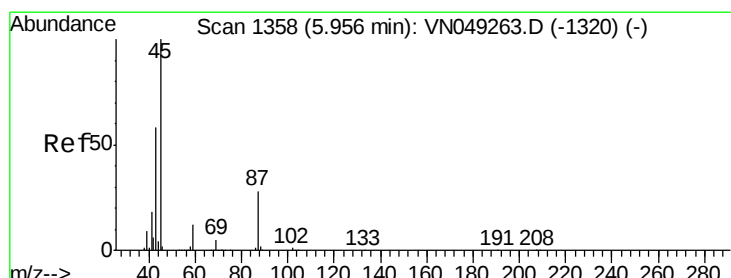
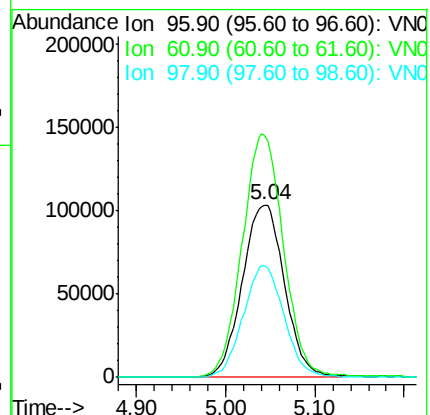
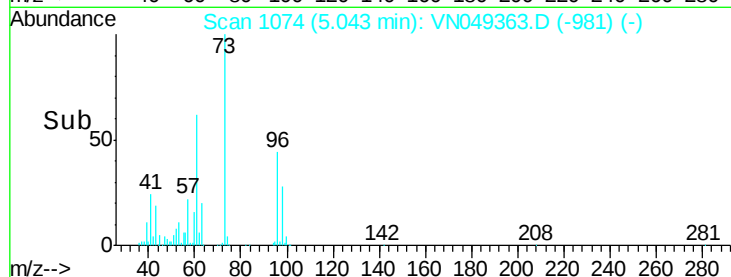


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 22.26 ug/l

RT: 5.96 min Scan# 1358

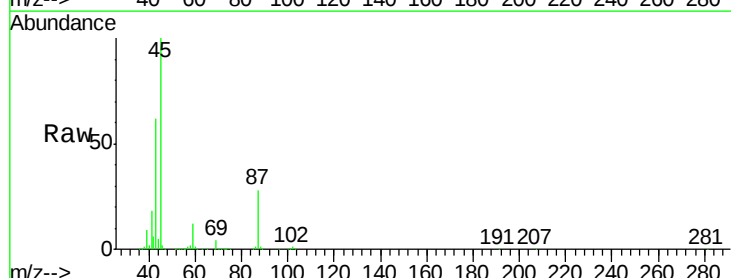
Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Tgt Ion: 45 Resp: 1107691

Ion	Ratio	Lower	Upper
45	100		
43	61.2	48.6	72.8
87	27.7	20.2	30.2
59	11.7	9.0	13.4



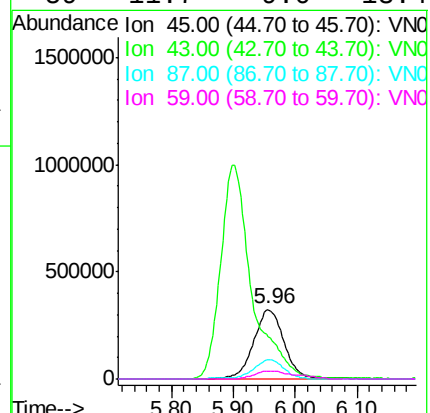
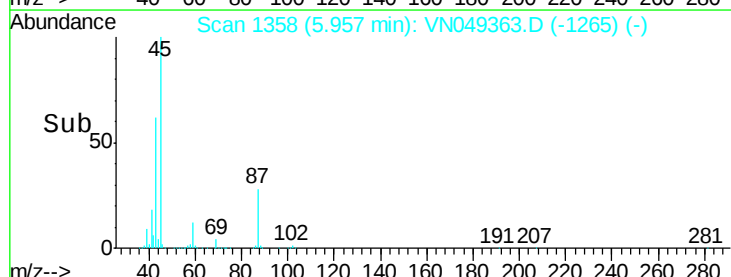
Abundance

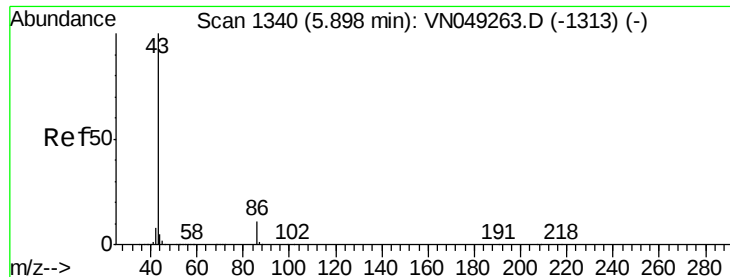
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 107.98 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

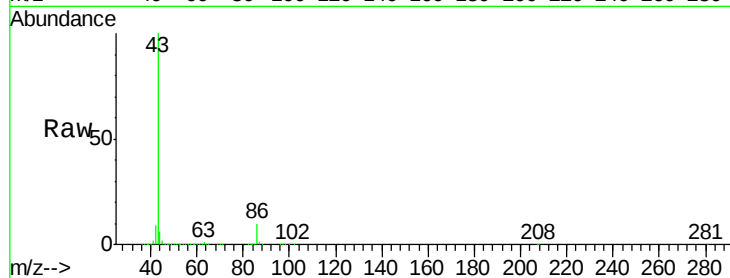
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3502731

Ion Ratio Lower Upper

43 100

86 10.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049263.D (-1313) (-)

5.90

1000000

800000

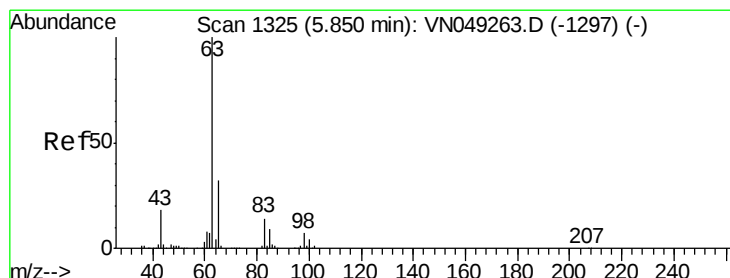
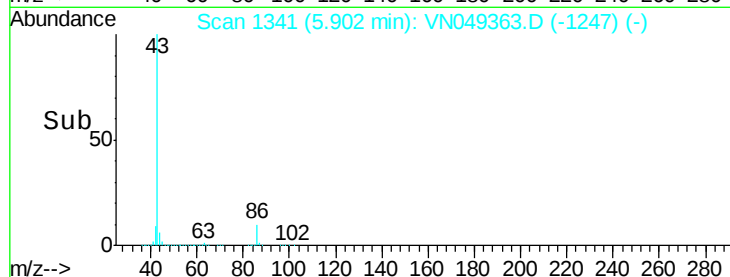
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.87 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

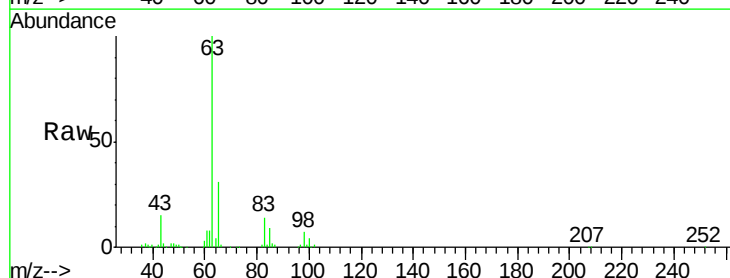
Tgt Ion: 63 Resp: 664614

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN049263.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN049263.D (-1297) (-)

5.85

250000

200000

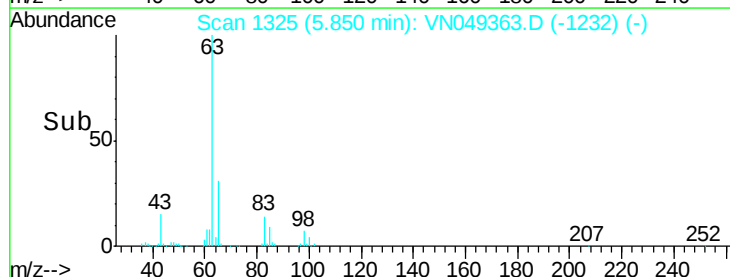
150000

100000

50000

0

Time-->

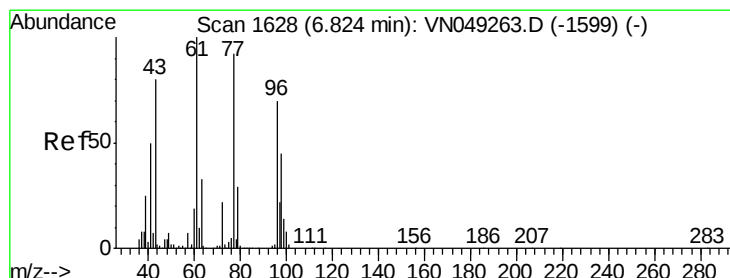
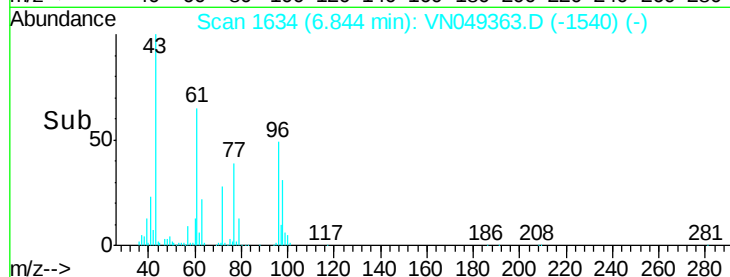
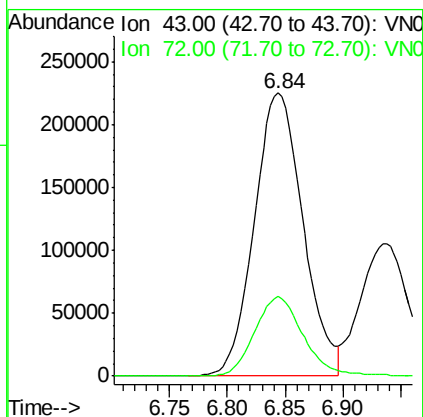
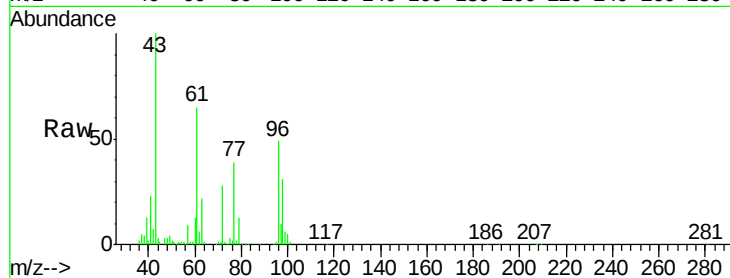




#25
2-Butanone
Concen: 110.09 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

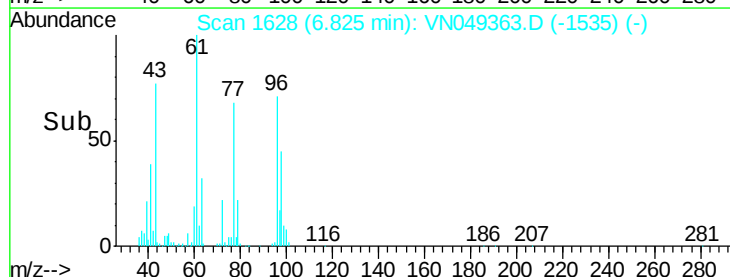
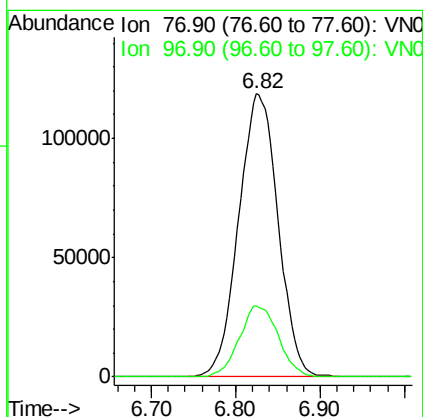
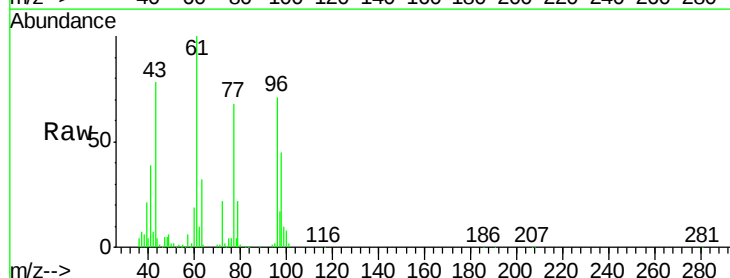
Instrument :
MSVOA_N
ClientSampled :

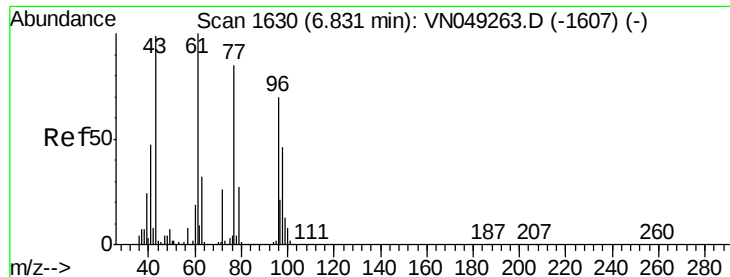
Tot Ion: 43 Resp: 655175
Ion Ratio Lower Upper
43 100
72 28.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 14.98 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 77 Resp: 385190
Ion Ratio Lower Upper
77 100
97 24.9 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 21.17 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

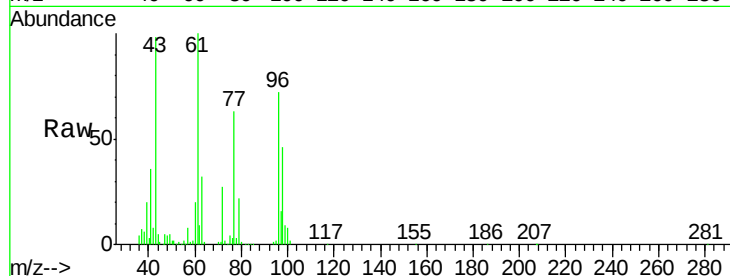
Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 393278

Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	316.4
98	63.6	0.0	128.4

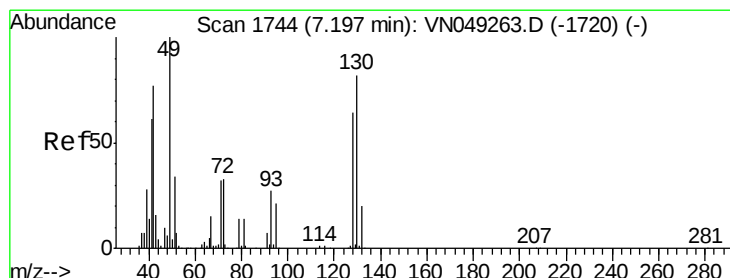
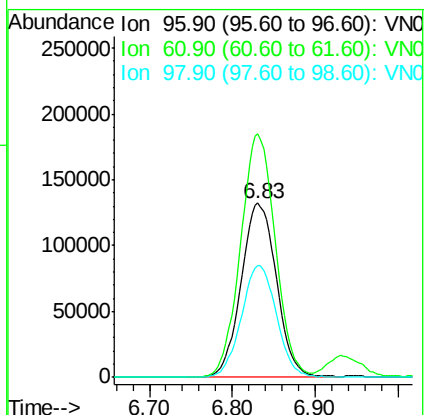
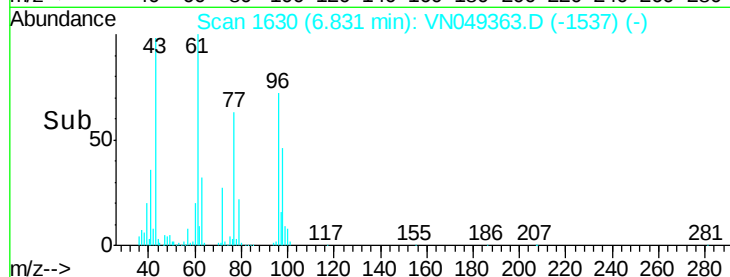


Abundance

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: 21.16 ug/l

RT: 7.20 min Scan# 1744

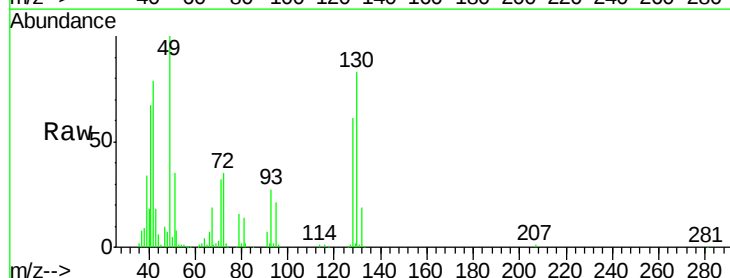
Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Tgt Ion: 49 Resp: 298706

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.3	54.9	82.3#

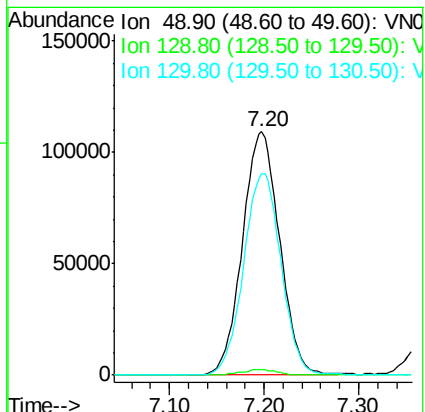
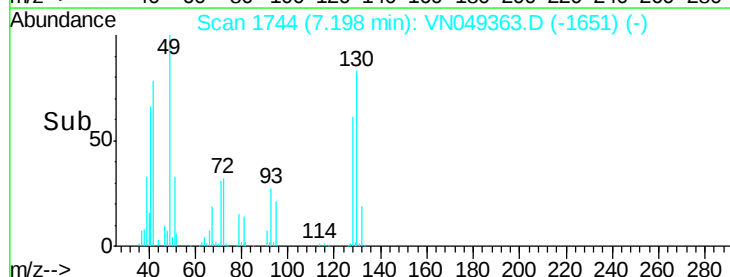


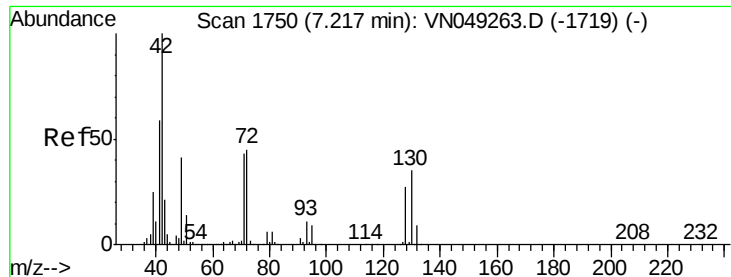
Abundance

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

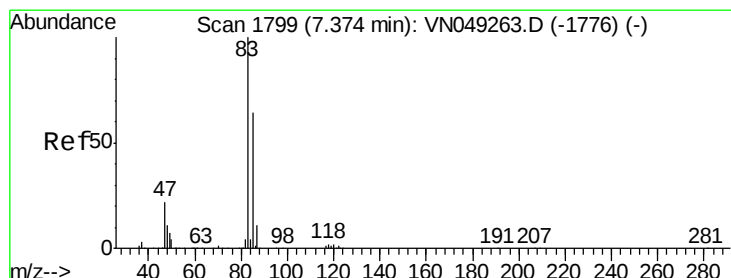
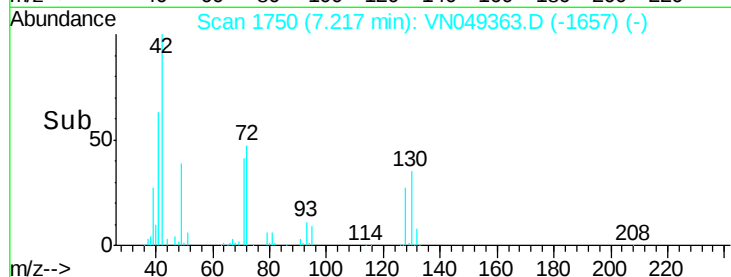
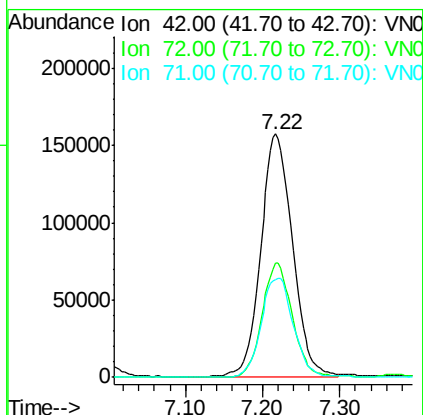
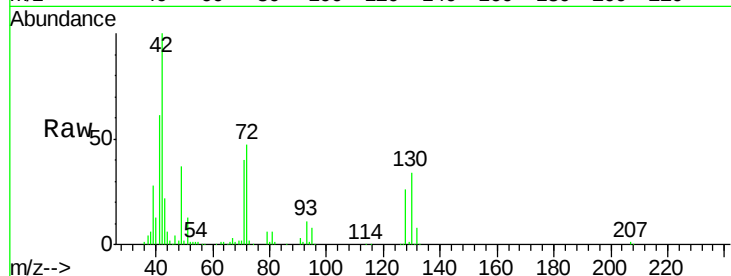




#29
Tetrahydrofuran
Concen: 116.36 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

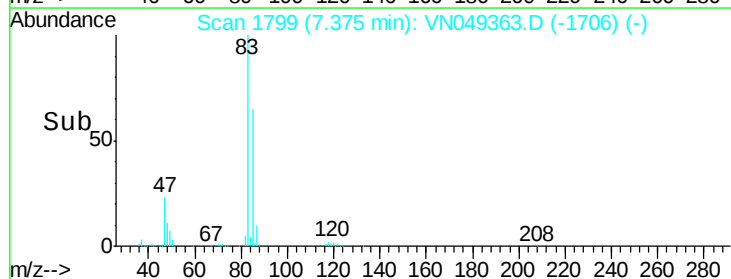
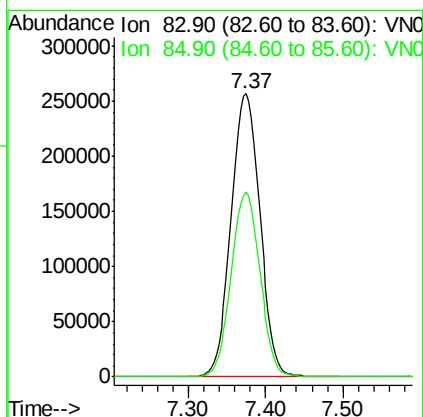
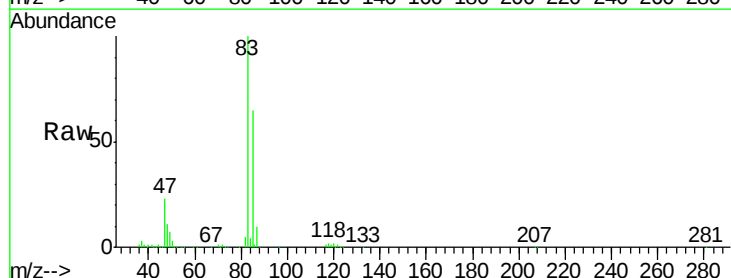
Instrument :
MSVOA_N
ClientSampleId :

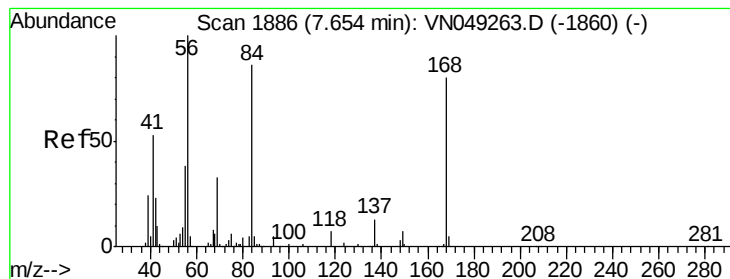
Tot Ion: 42 Resp: 445758
Ion Ratio Lower Upper
42 100
72 45.1 32.2 48.4
71 41.4 30.5 45.7



#30
Chloroform
Concen: 21.00 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 83 Resp: 665727
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5





#31

Cyclohexane

Concen: 20.48 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampleId :

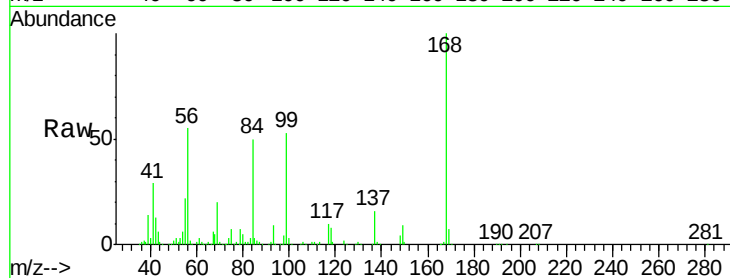
Tot Ion: 56 Resp: 555750

Ion Ratio Lower Upper

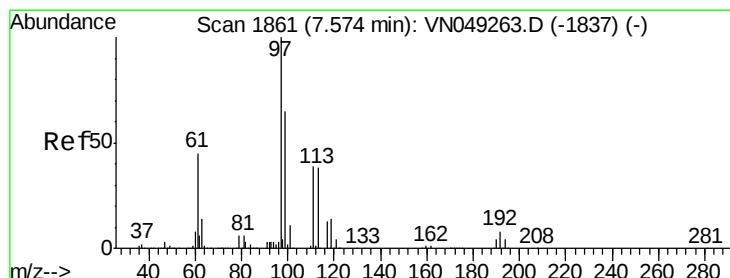
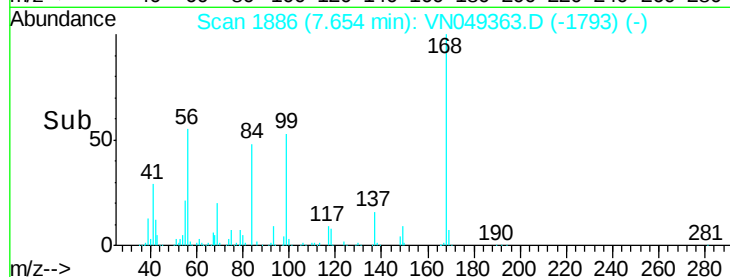
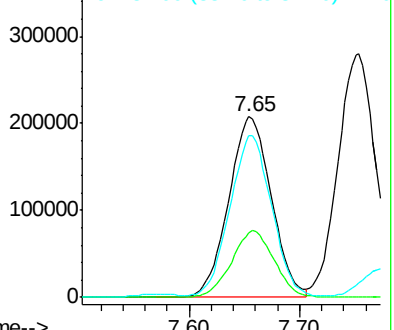
56 100

69 35.6 25.0 37.4

84 87.9 64.6 96.8



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



#32

1,1,1-Trichloroethane

Concen: 20.99 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

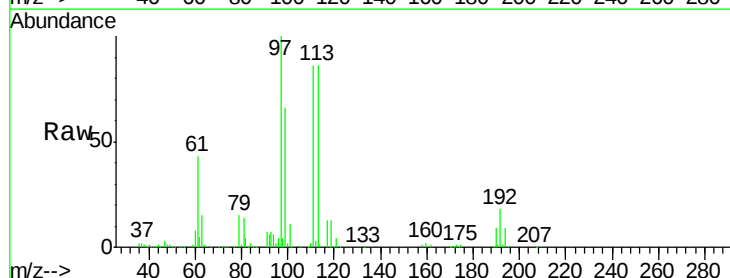
Tgt Ion: 97 Resp: 567674

Ion Ratio Lower Upper

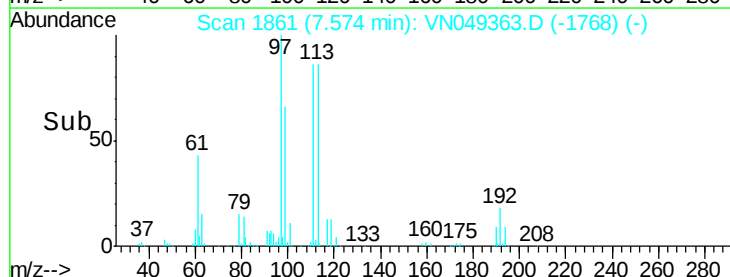
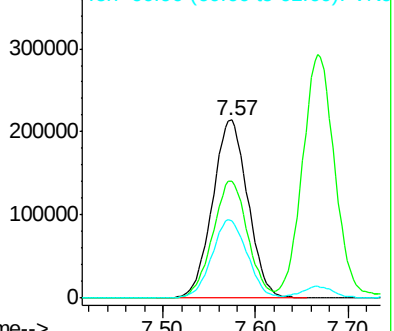
97 100

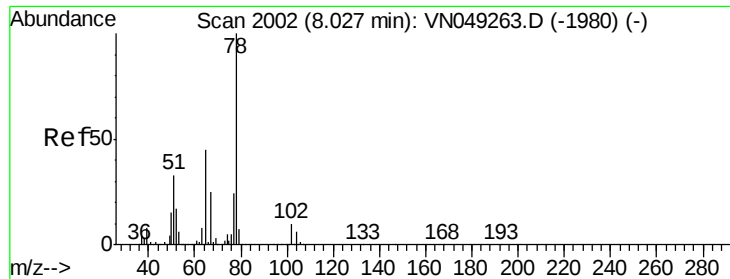
99 65.0 50.5 75.7

61 44.0 37.9 56.9



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

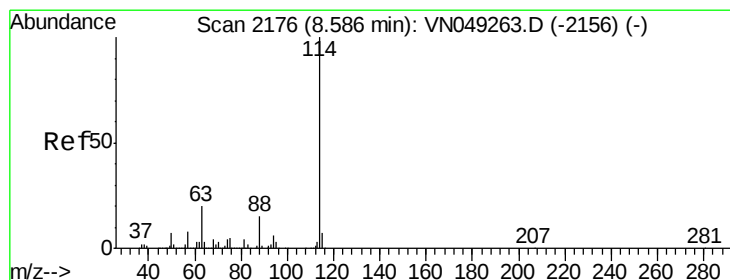
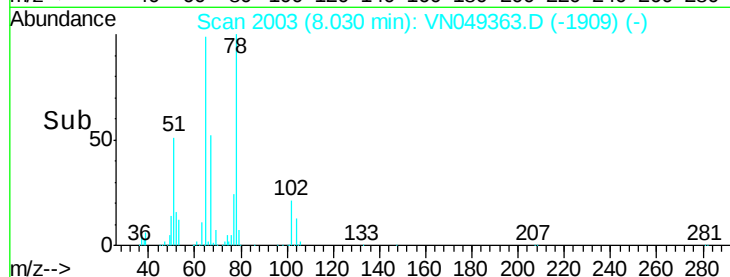
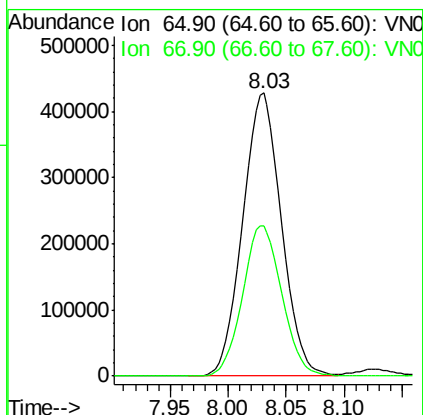
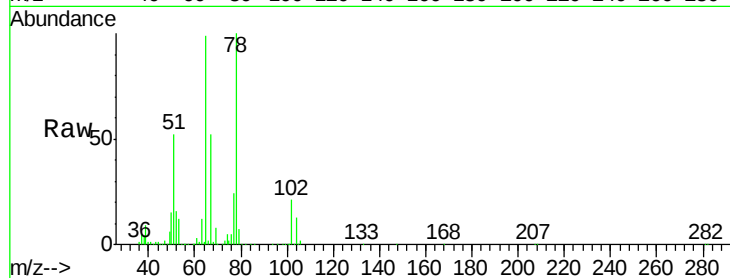




#33
 1,2-Dichloroethane-d4
 Concen: 54.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

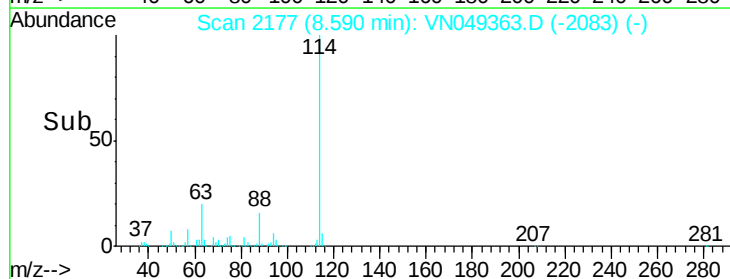
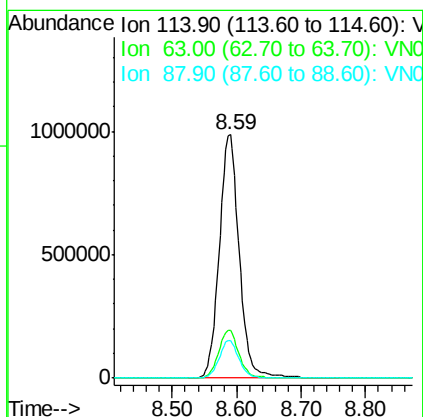
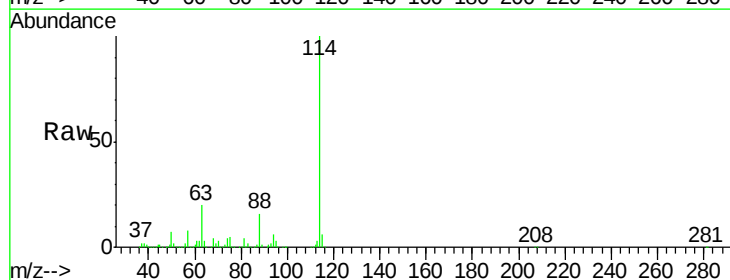
Instrument :
 MSVOA_N
 ClientSampleId :

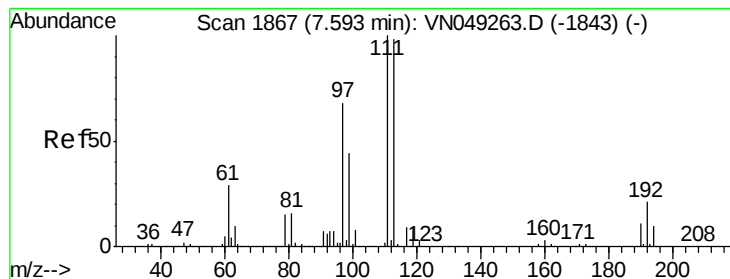
Tot Ion: 65 Resp: 993159
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion: 114 Resp: 2125983
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.03 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

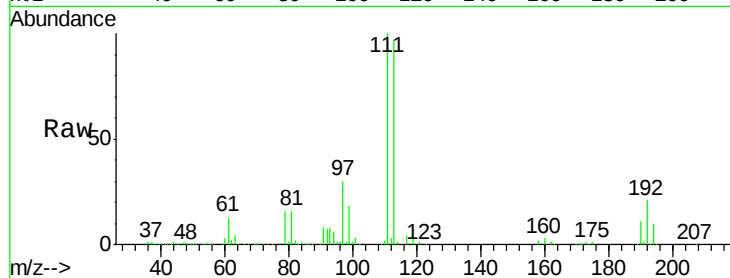
Tot Ion:113 Resp: 877649

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

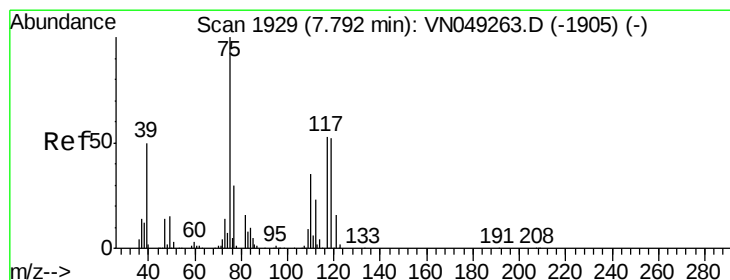
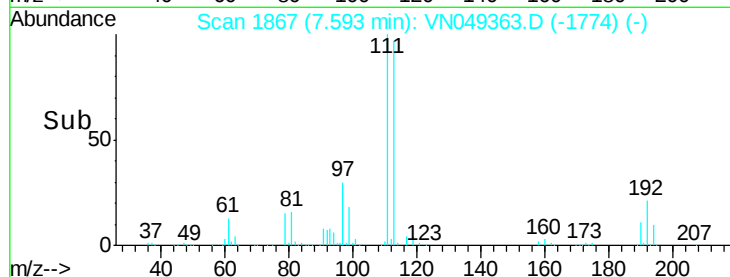
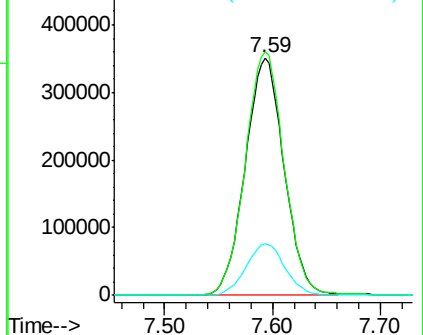
192 21.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.75 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

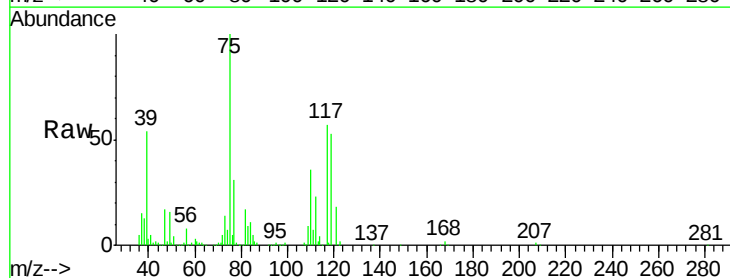
Tgt Ion: 75 Resp: 481222

Ion Ratio Lower Upper

75 100

110 36.0 17.0 50.9

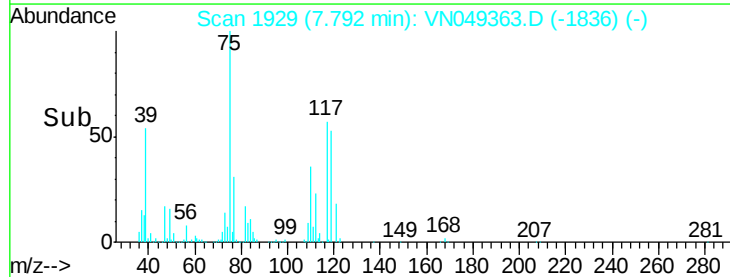
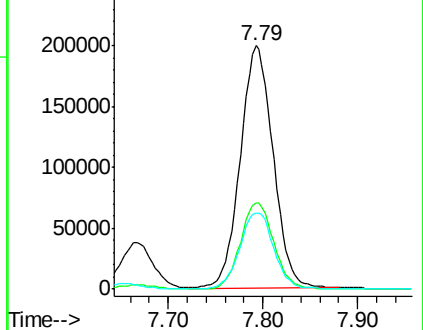
77 32.5 24.4 36.6

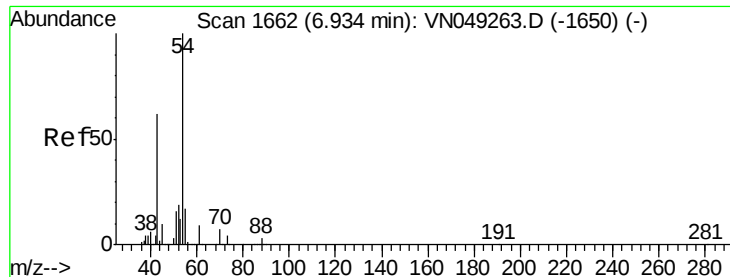


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

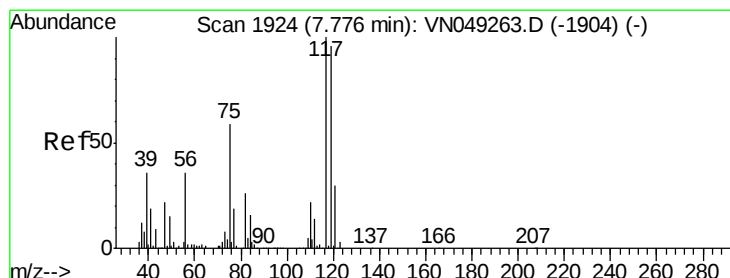
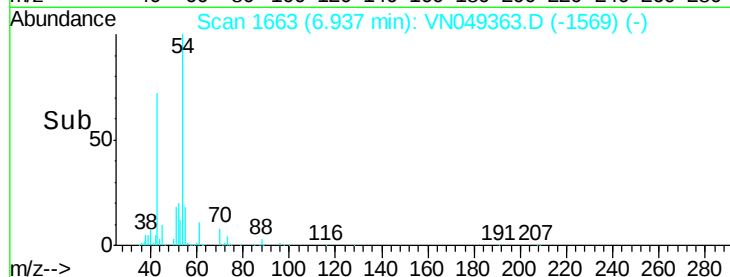
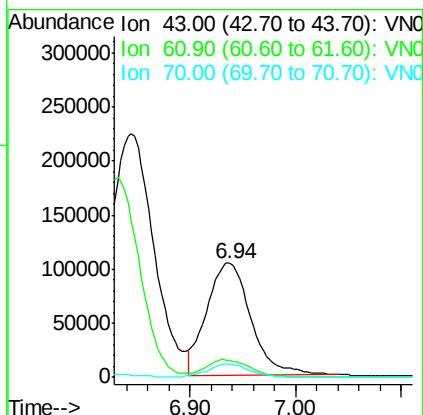
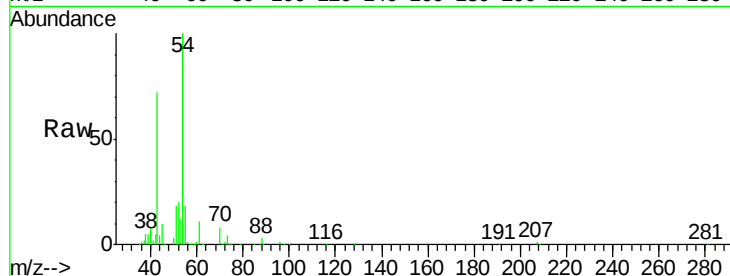




#37
Ethyl Acetate
Concen: 22.88 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

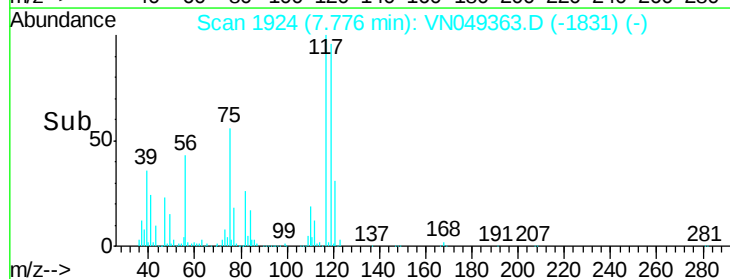
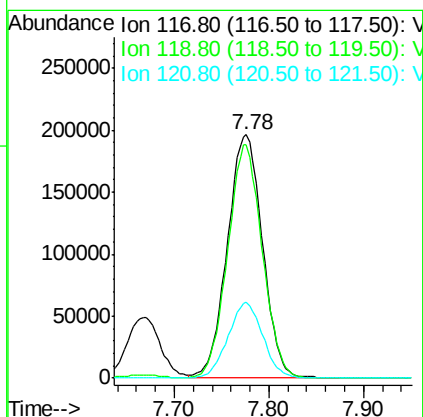
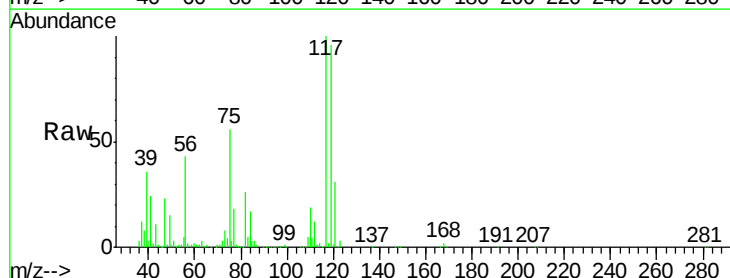
Instrument :
MSVOA_N
ClientSampled :

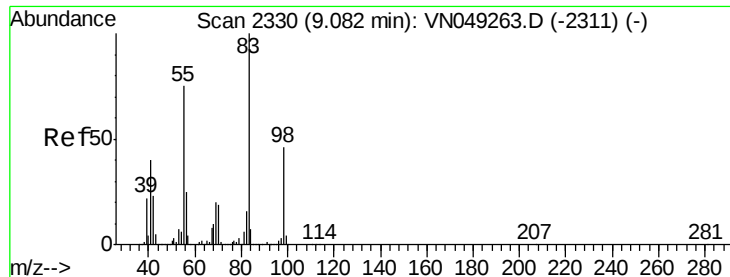
Tot Ion: 43 Resp: 303034
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.4
70 11.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 20.09 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 117 Resp: 506850
Ion Ratio Lower Upper
117 100
119 95.9 75.6 113.4
121 31.1 24.7 37.1

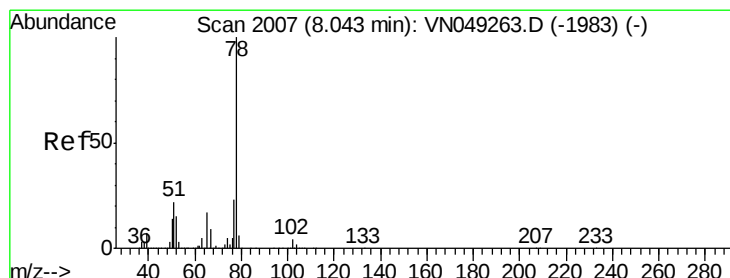
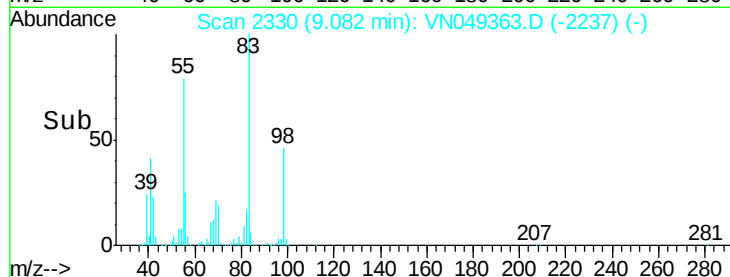
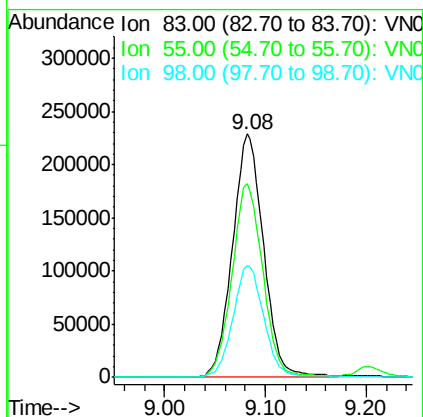
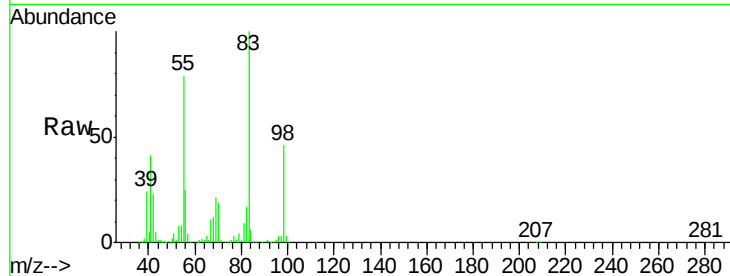




#39
Methvlcvclohexane
Concen: 18.73 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

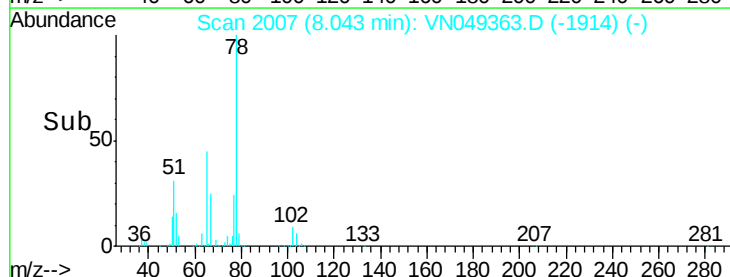
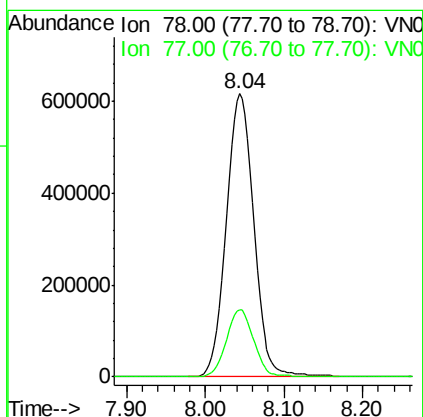
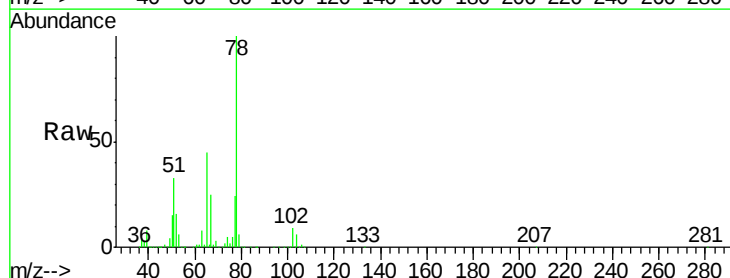
Instrument :
MSVOA_N
ClientSampleId :

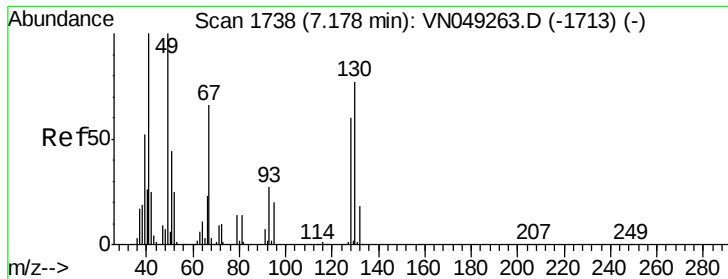
Tot Ion: 83 Resp: 489931
Ion Ratio Lower Upper
83 100
55 79.3 65.1 97.7
98 46.0 36.5 54.7



#40
Benzene
Concen: 20.02 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 78 Resp: 1495344
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41

Methacrylonitrile

Concen: 18.05 ug/l

RT: 7.18 min Scan# 1737

Delta R.T. -0.00 min

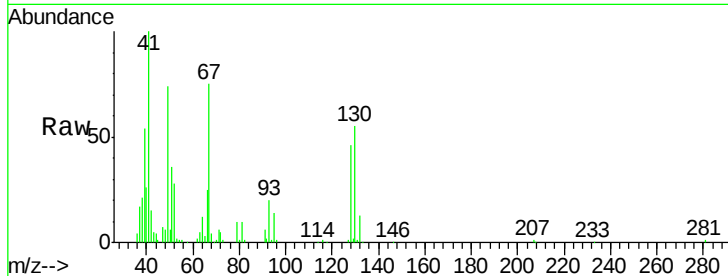
Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

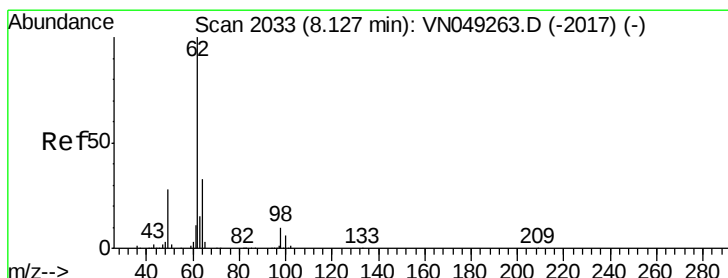
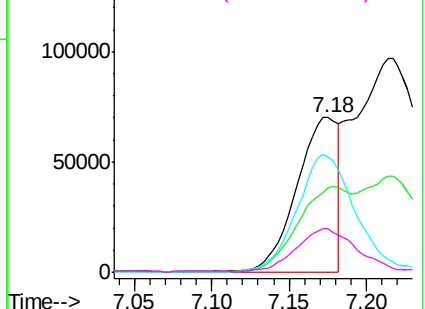
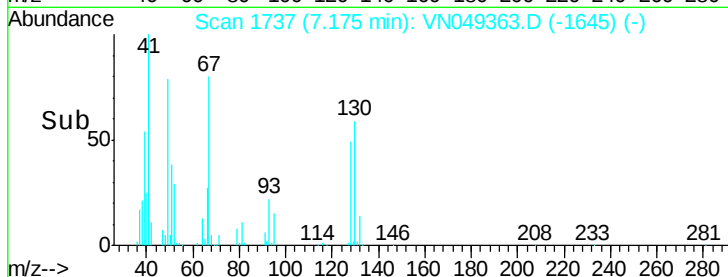
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 129225

Ion	Ratio	Lower	Upper
41	100		
39	70.6	0.0	0.0#
67	108.4	0.0	0.0#
52	41.3	0.0	0.0#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 20.52 ug/l

RT: 8.13 min Scan# 2033

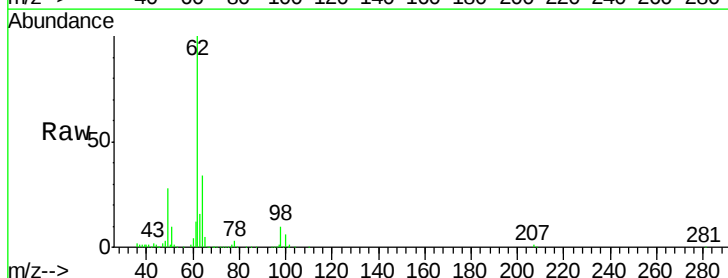
Delta R.T. 0.00 min

Lab File: VN049363.D

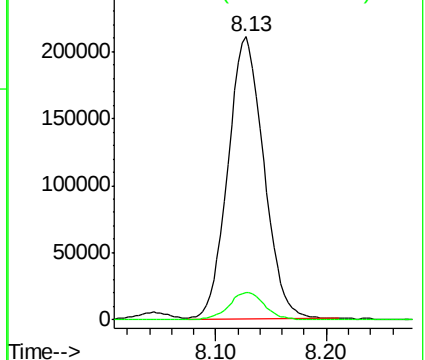
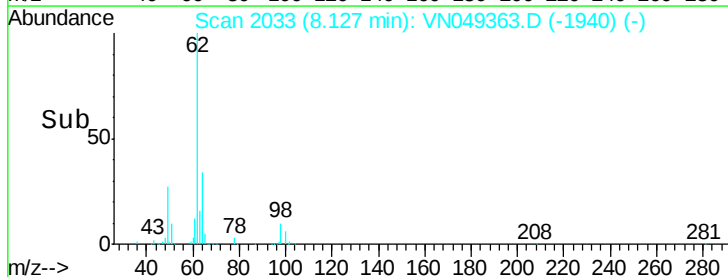
Acq: 19 Jun 2018 00:40

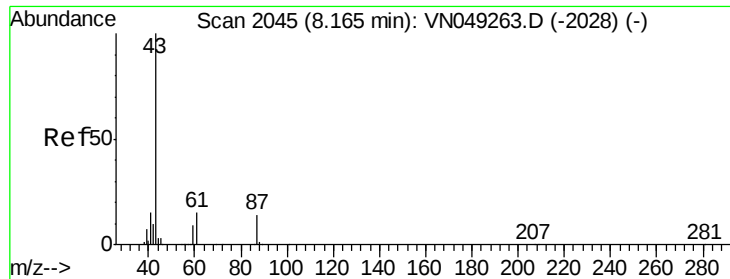
Tgt Ion: 62 Resp: 473648

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 23.60 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

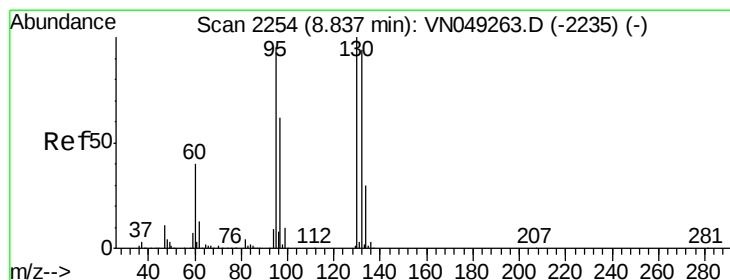
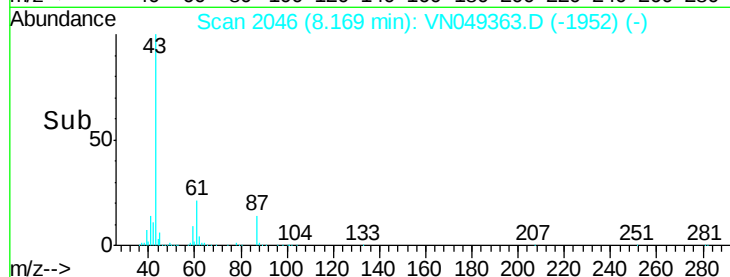
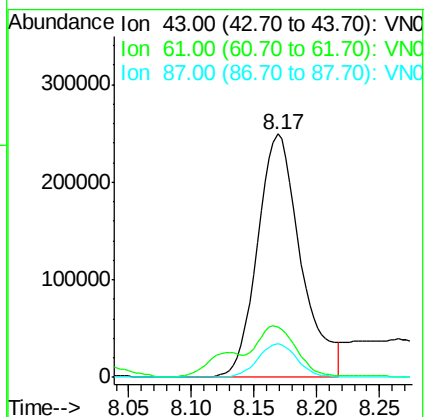
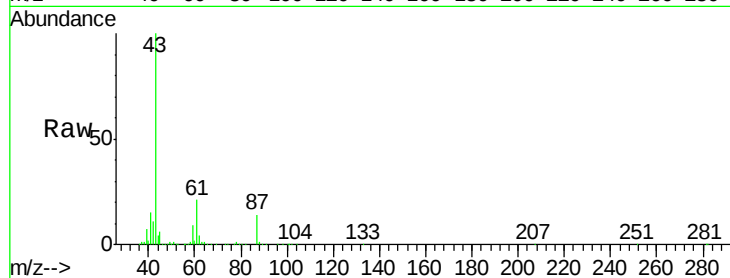
Tot Ion: 43 Resp: 597212

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

87 12.6 9.4 14.0



#44

Trichloroethene

Concen: 20.23 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049363.D

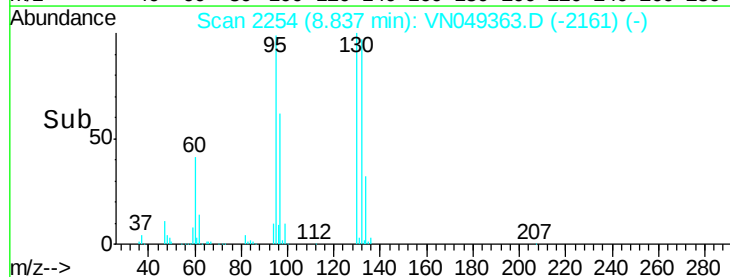
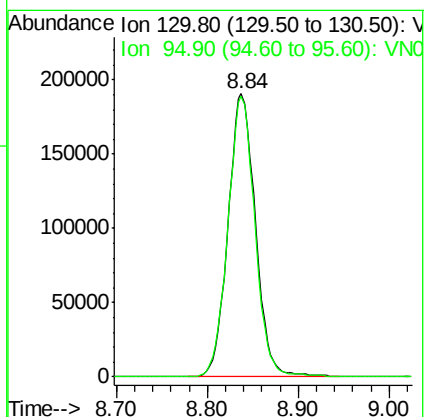
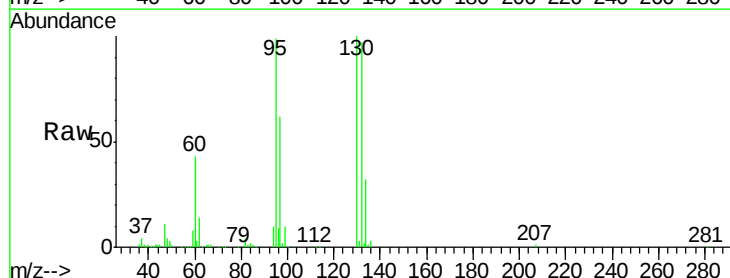
Acq: 19 Jun 2018 00:40

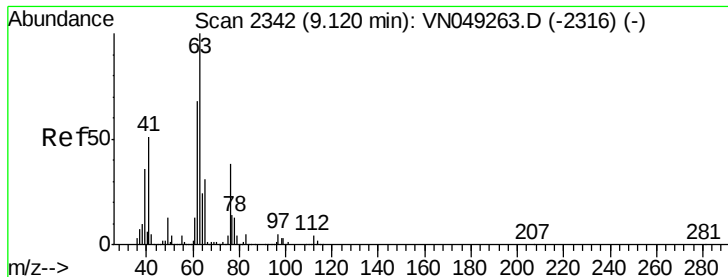
Tgt Ion:130 Resp: 399091

Ion Ratio Lower Upper

130 100

95 99.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 20.77 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

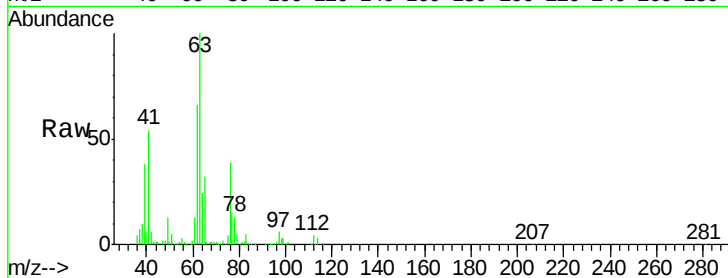
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 406258

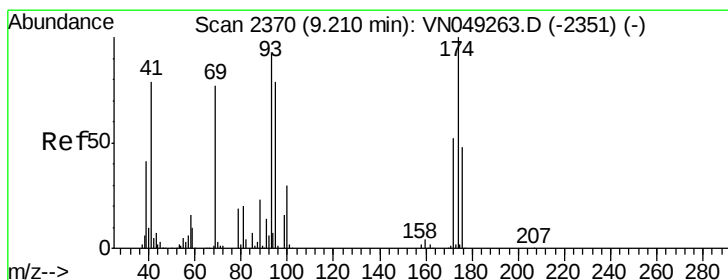
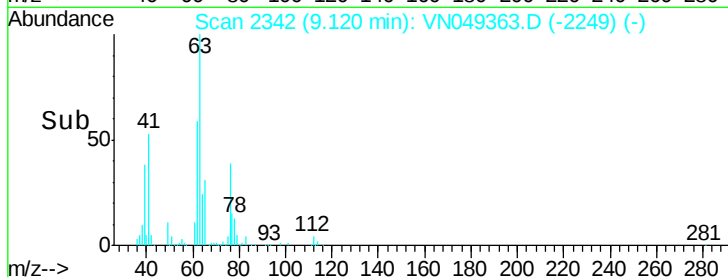
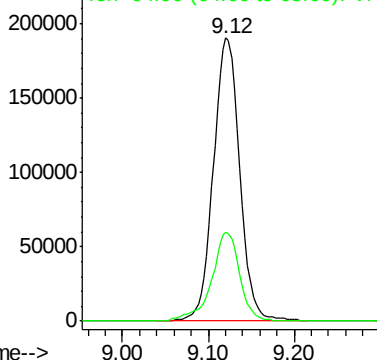
Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.82 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

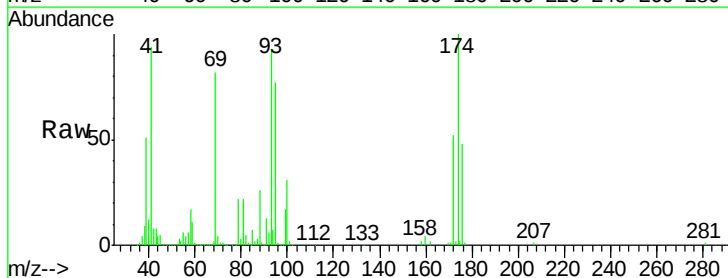
Tgt Ion: 93 Resp: 236144

Ion Ratio Lower Upper

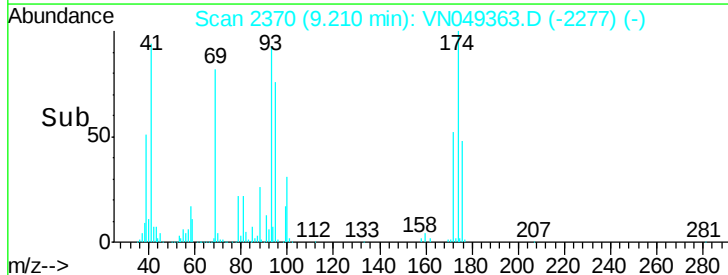
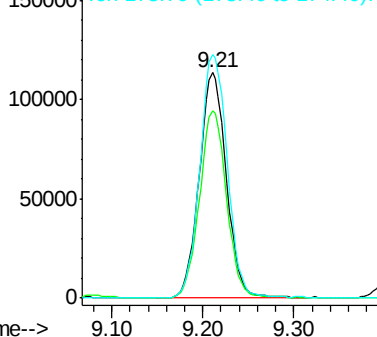
93 100

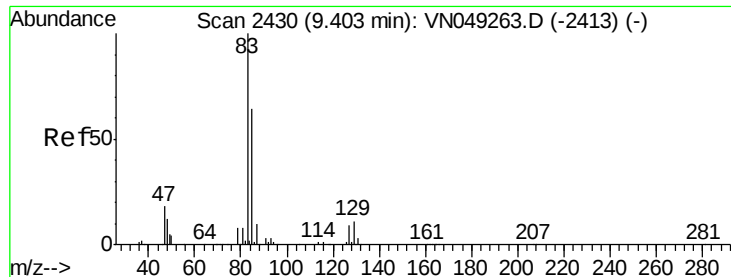
95 82.4 67.2 100.8

174 108.7 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.45 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampleId :

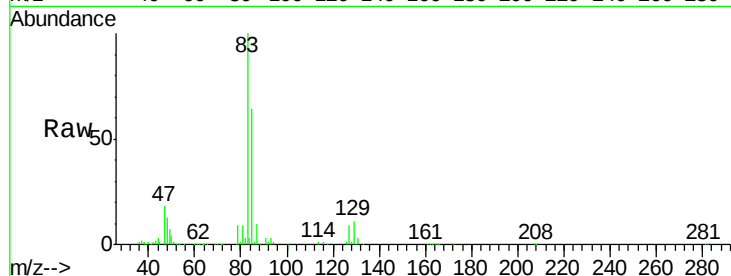
Tot Ion: 83 Resp: 509793

Ion Ratio Lower Upper

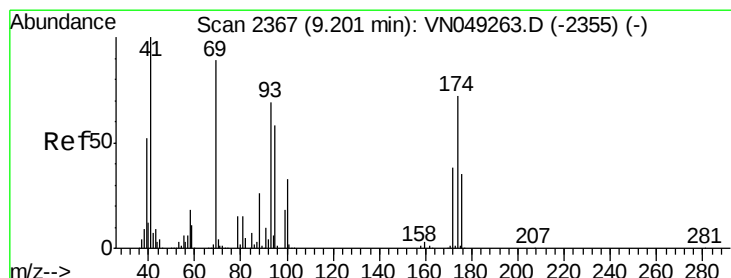
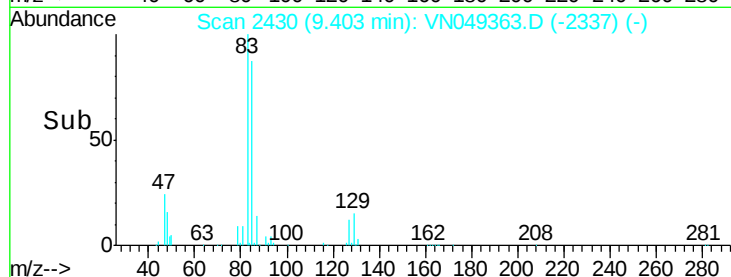
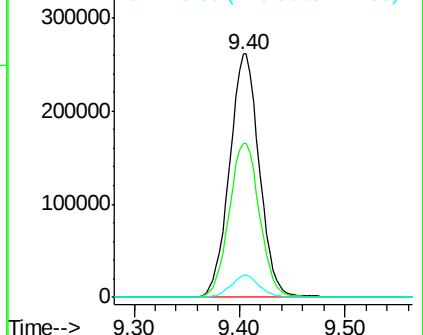
83 100

85 63.5 49.4 74.0

127 9.0 6.3 9.5



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



#48

Methyl methacrylate

Concen: 22.79 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

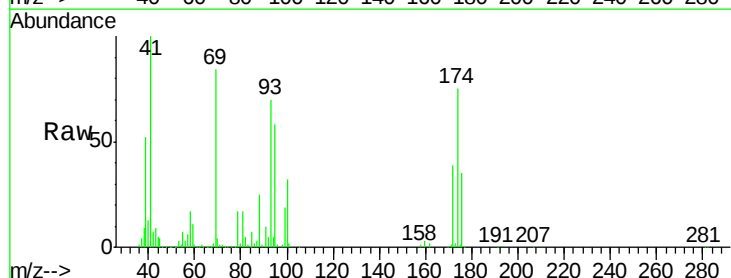
Tgt Ion: 41 Resp: 271648

Ion Ratio Lower Upper

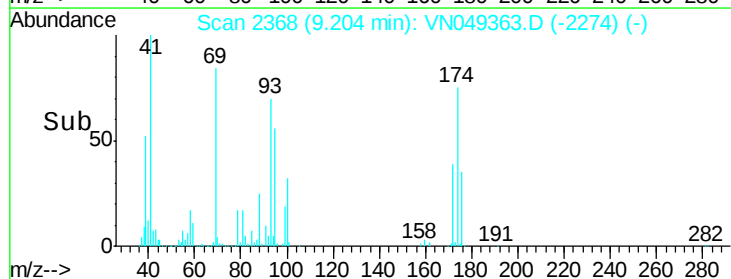
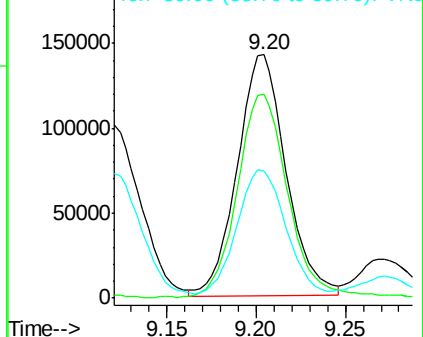
41 100

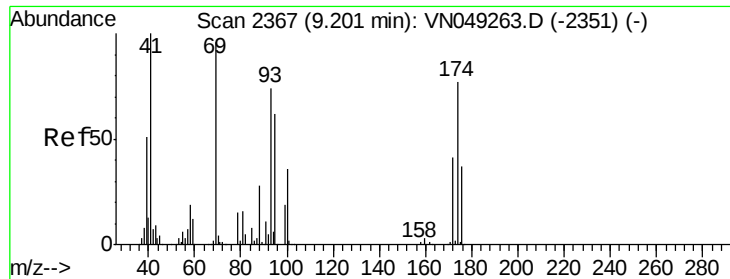
69 86.8 62.0 93.0

39 53.9 50.6 75.8



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

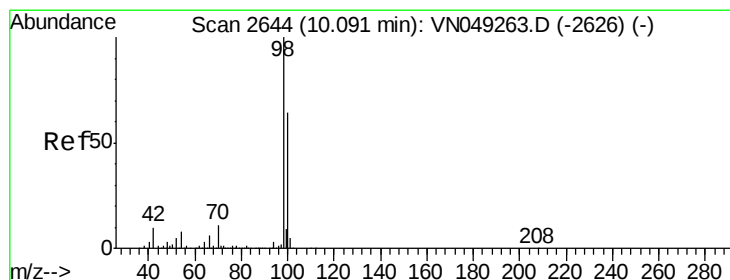
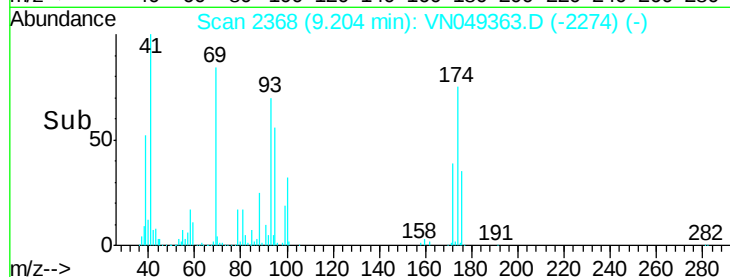
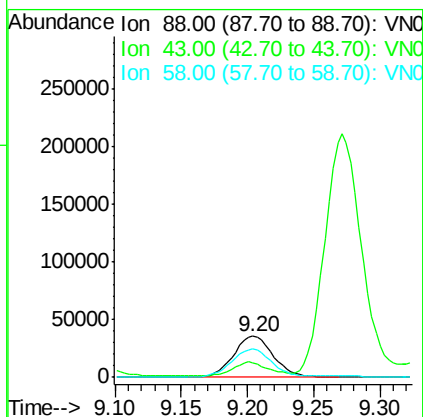
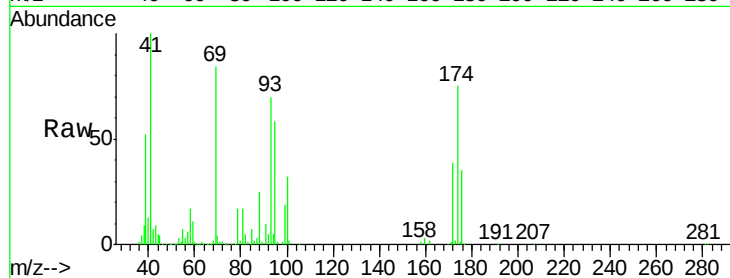




#49
1,4-Dioxane
Concen: 454.55 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

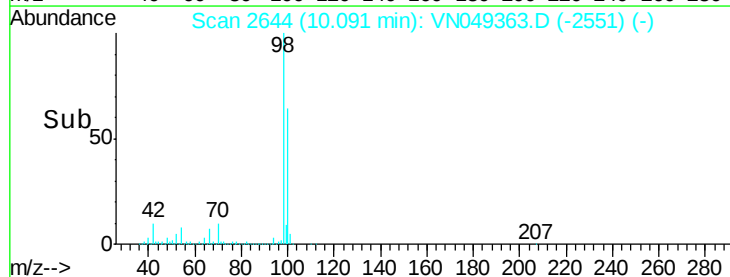
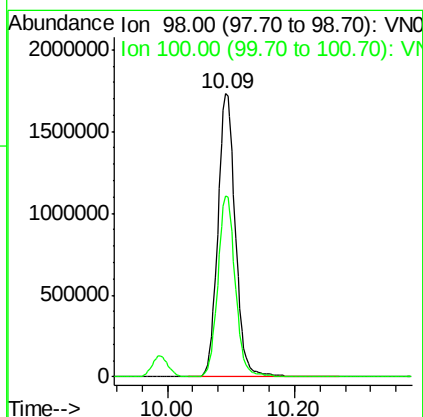
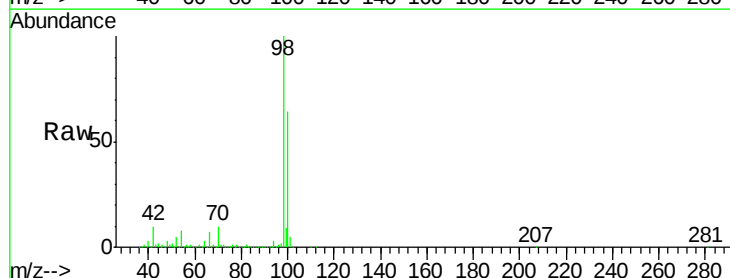
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 74770
Ion Ratio Lower Upper
88 100
43 29.6 30.9 46.3#
58 71.2 58.9 88.3



#50
Toluene-d8
Concen: 50.38 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 98 Resp: 3299509
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.8

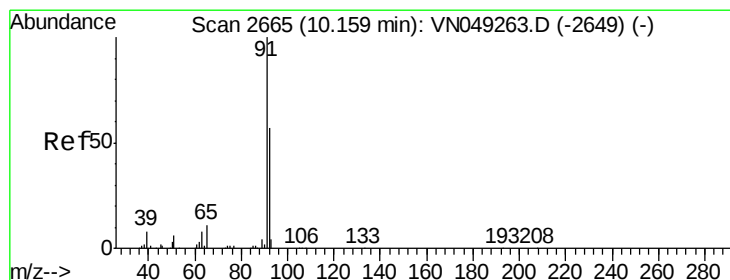
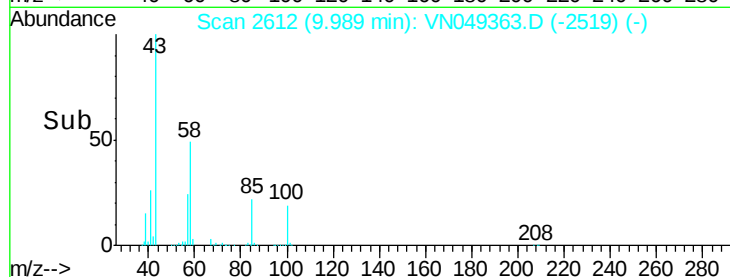
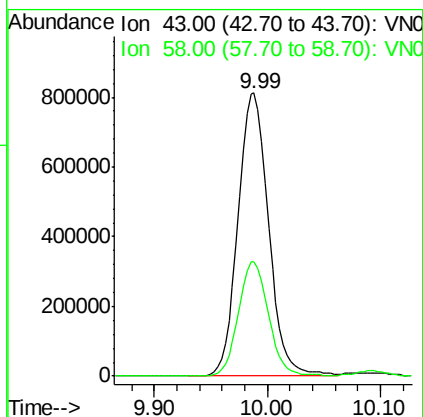
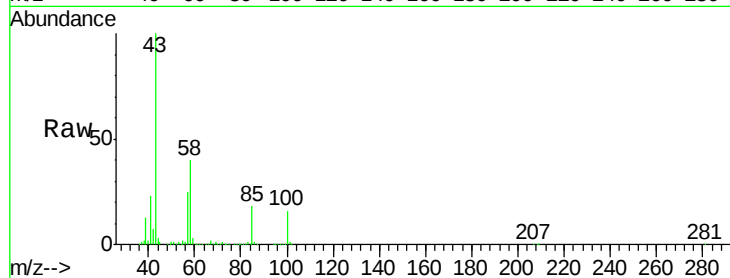




#51
4-Methyl-2-Pentanone
Concen: 115.21 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

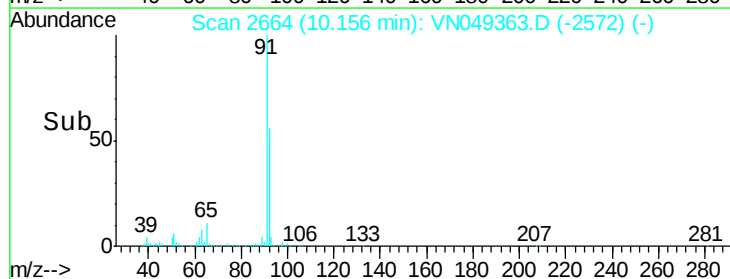
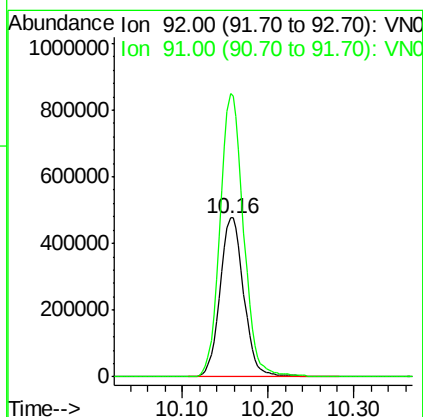
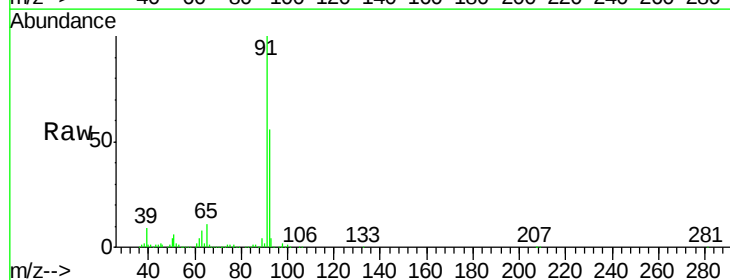
Instrument :
MSVOA_N
ClientSampled :

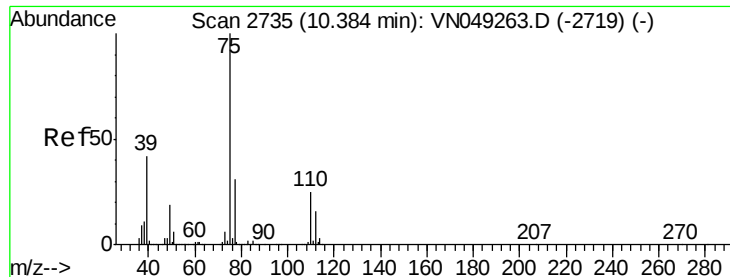
Tot Ion: 43 Resp: 1528276
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 21.00 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 92 Resp: 920494
Ion Ratio Lower Upper
92 100
91 176.0 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 19.38 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

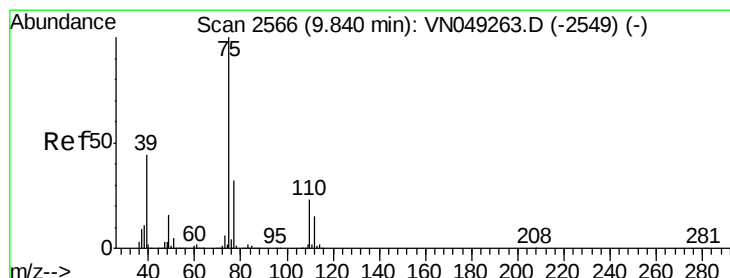
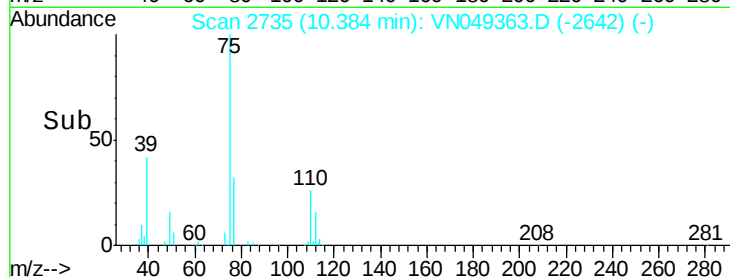
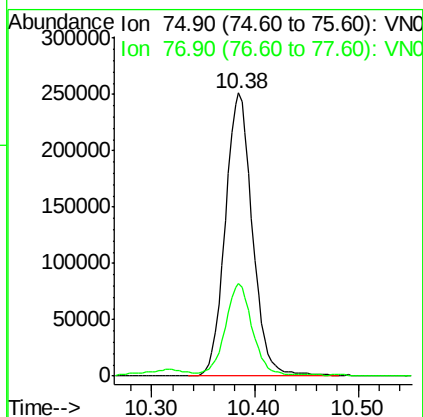
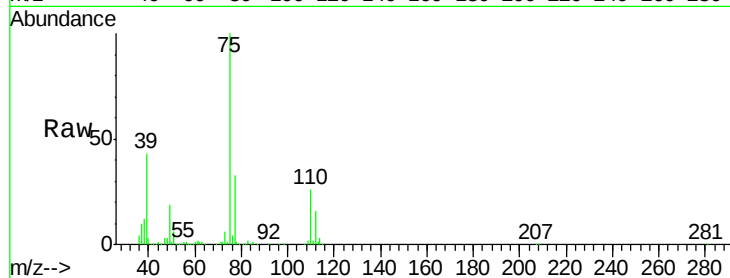
ClientSampled :

Tot Ion: 75 Resp: 462088

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.42 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

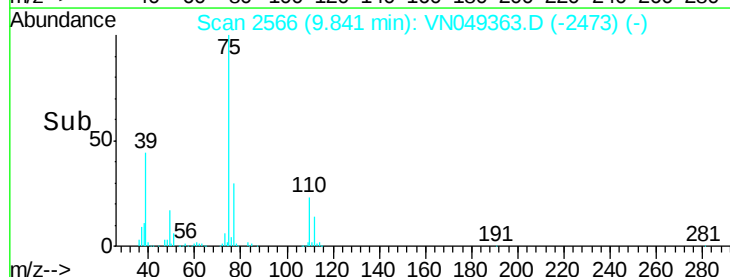
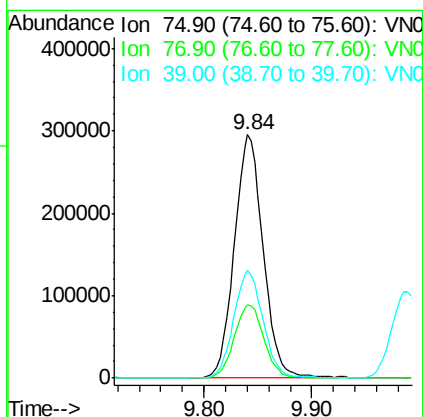
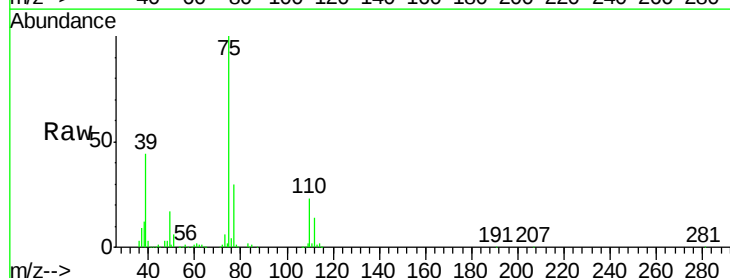
Tgt Ion: 75 Resp: 546560

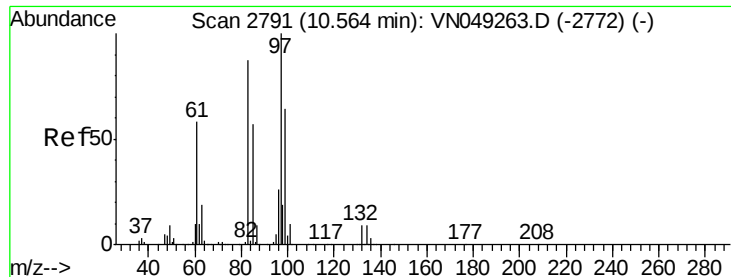
Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 44.1 45.1 67.7#

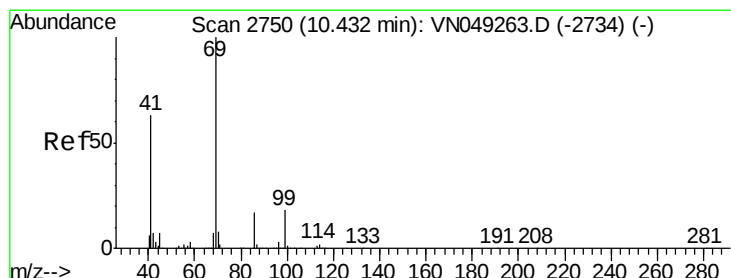
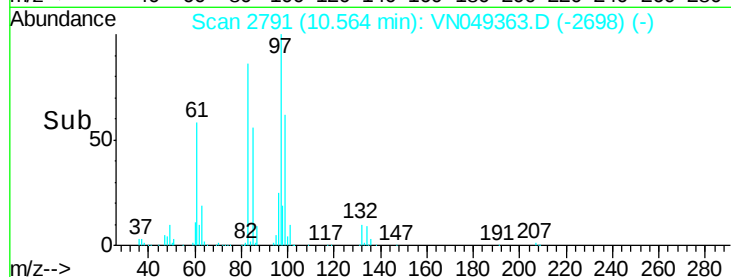
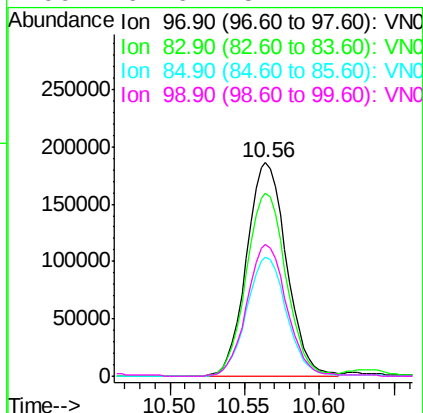
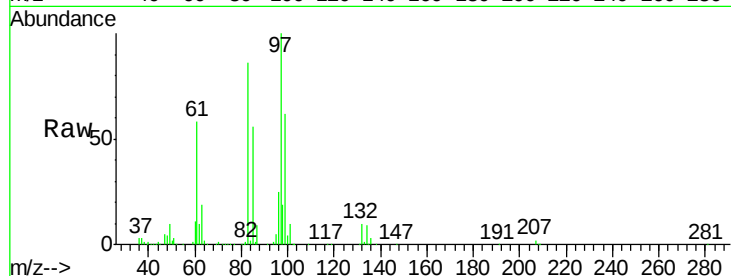




#55
 1,1,2-Trichloroethane
 Concen: 21.16 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

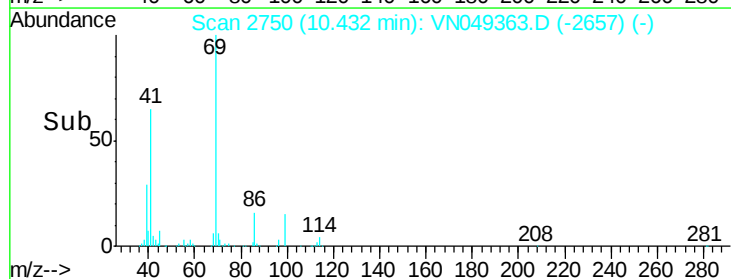
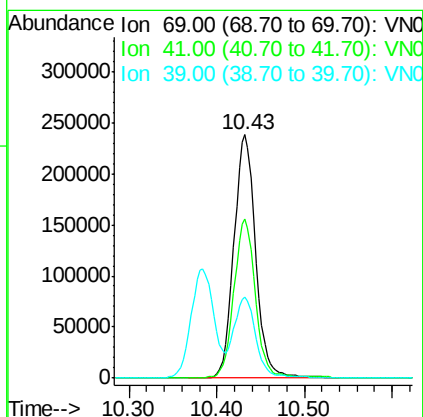
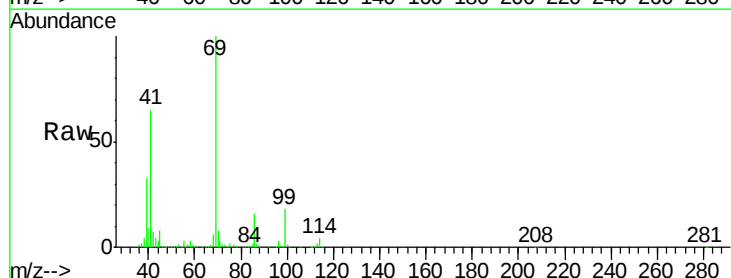
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	345792
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.5	107.3
85	55.9	47.0	70.4
99	61.6	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 21.83 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion:	69	Resp:	411629
Ion	Ratio	Lower	Upper
69	100		
41	63.7	58.4	87.6
39	33.6	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 21.05 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

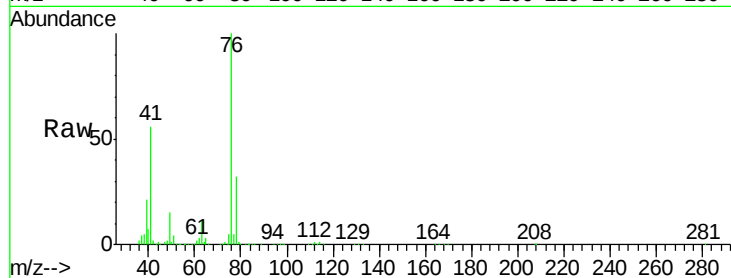
ClientSampleId :

Tot Ion: 76 Resp: 570011

Ion Ratio Lower Upper

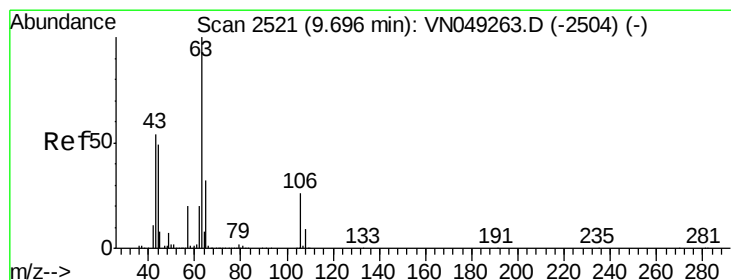
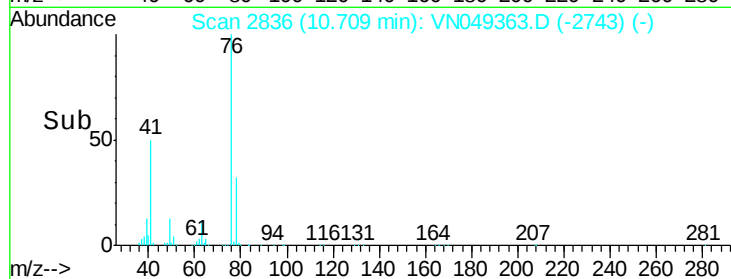
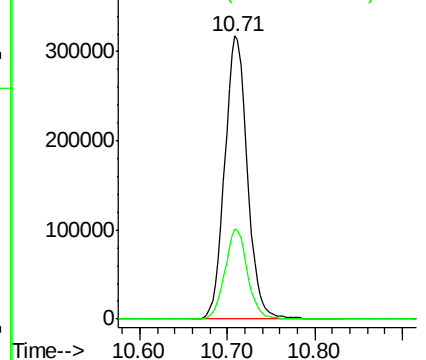
76 100

78 31.8 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.98 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049363.D

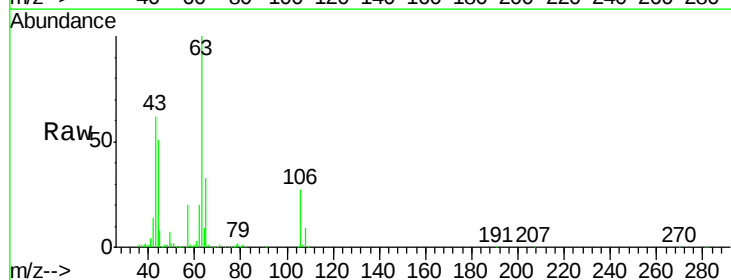
Acq: 19 Jun 2018 00:40

Tgt Ion: 63 Resp: 562435

Ion Ratio Lower Upper

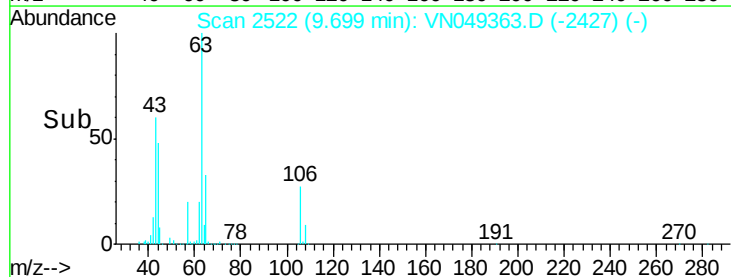
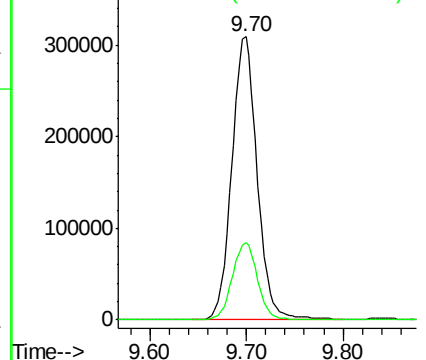
63 100

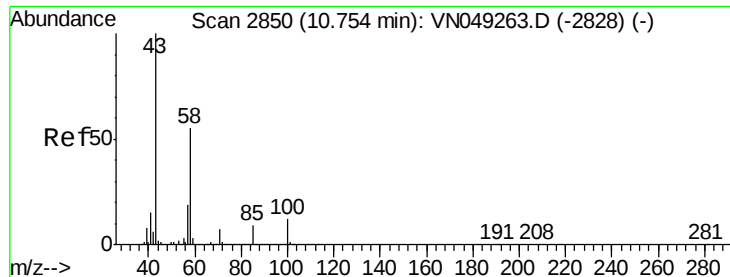
106 26.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

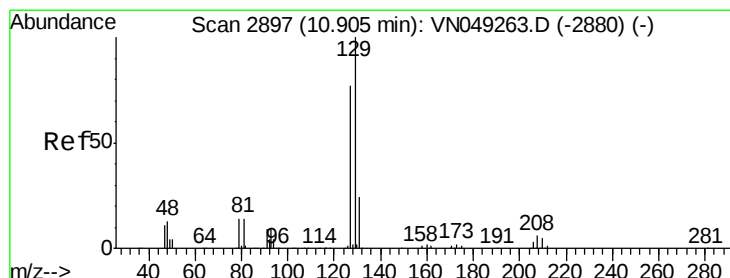
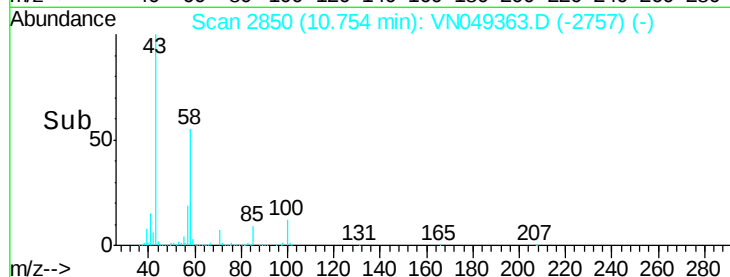
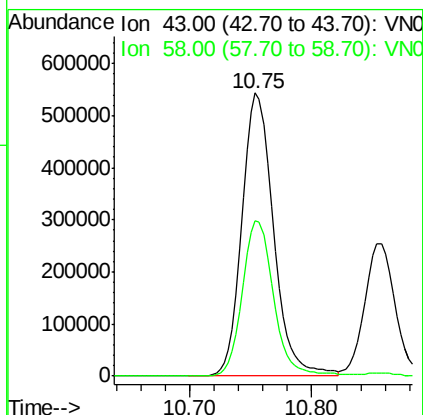
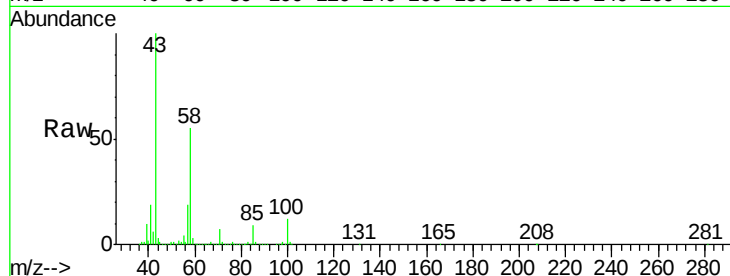




#59
2-Hexanone
Concen: 112.85 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

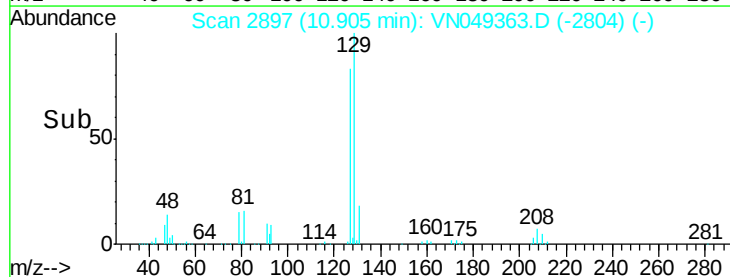
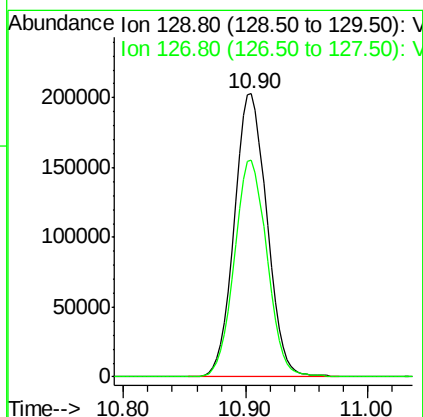
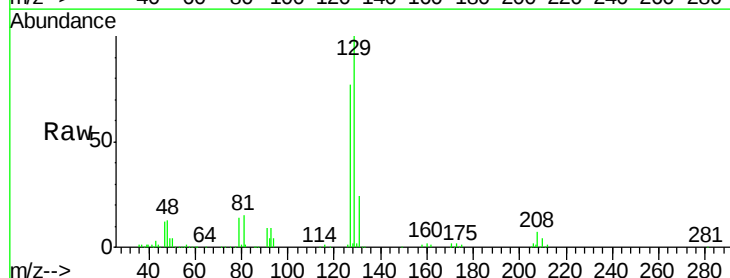
Instrument :
MSVOA_N
ClientSampleId :

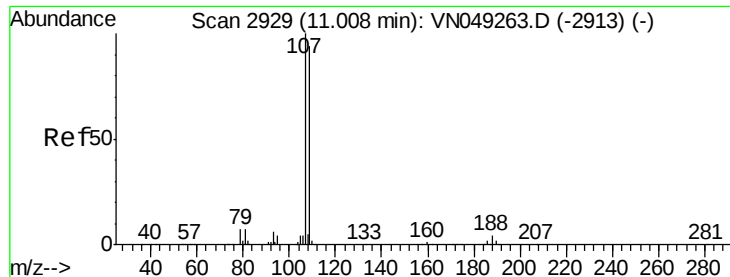
Tot Ion: 43 Resp: 965070
Ion Ratio Lower Upper
43 100
58 54.5 25.2 75.6



#60
Dibromochloromethane
Concen: 20.65 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion: 129 Resp: 376749
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.12 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

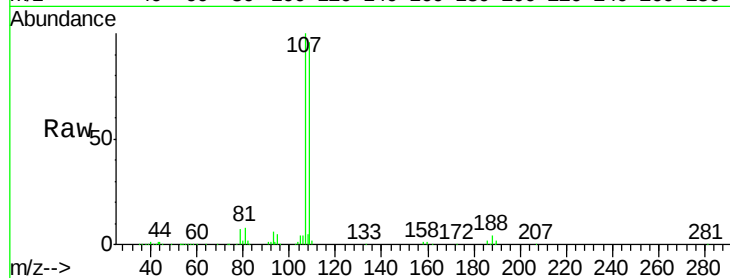
ClientSampleId :

Tot Ion:107 Resp: 320791

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

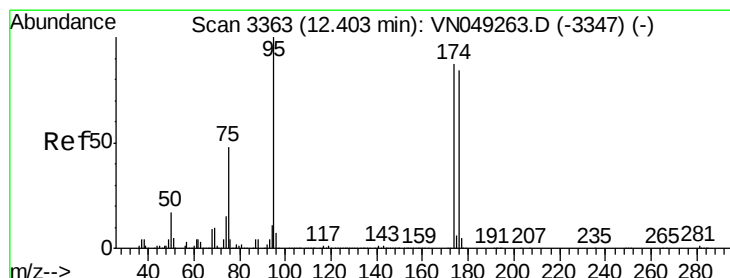
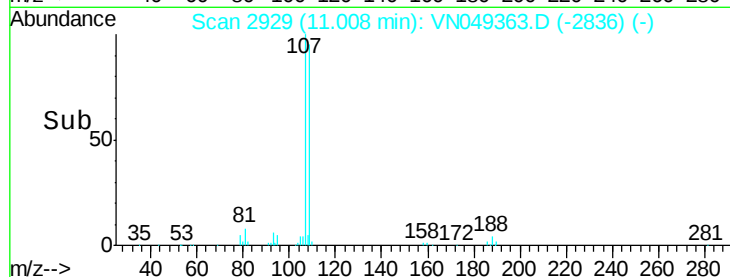
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

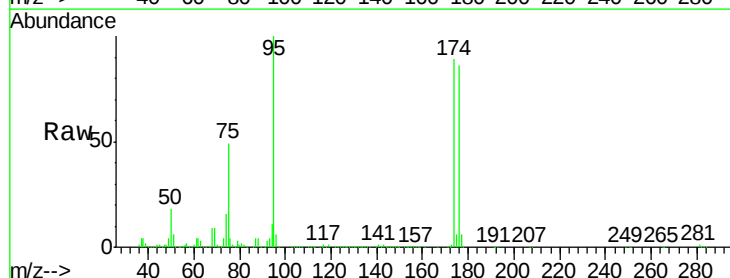
Tgt Ion: 95 Resp: 1082691

Ion Ratio Lower Upper

95 100

174 88.4 0.0 165.6

176 85.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

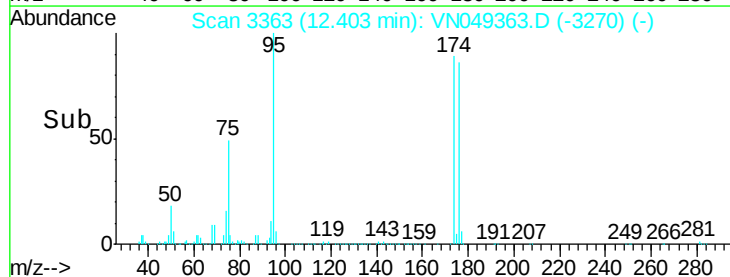
600000

400000

200000

0

Time--> 12.30 12.40 12.50

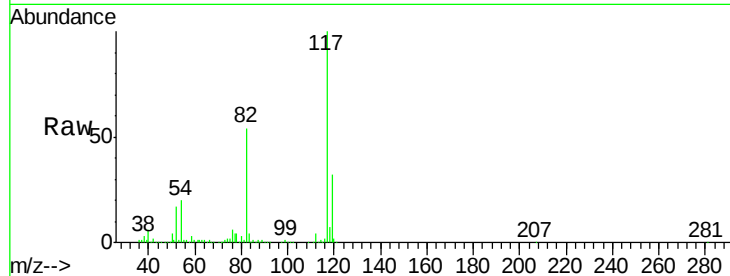




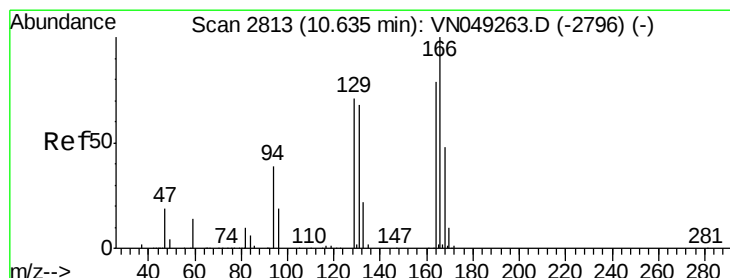
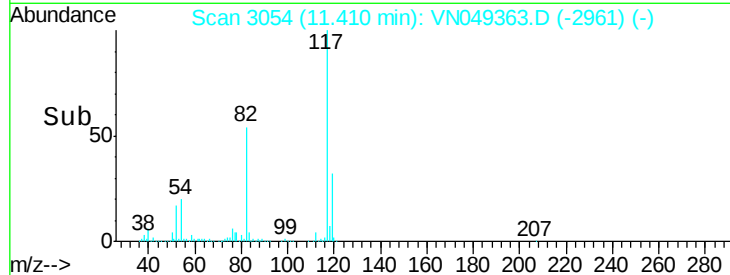
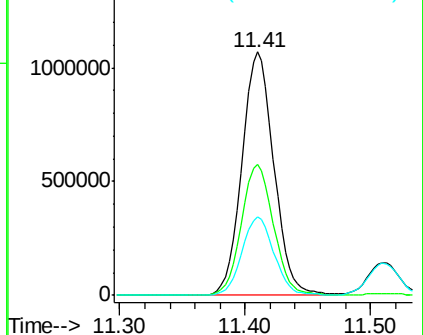
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1889647
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.0 25.5 38.3

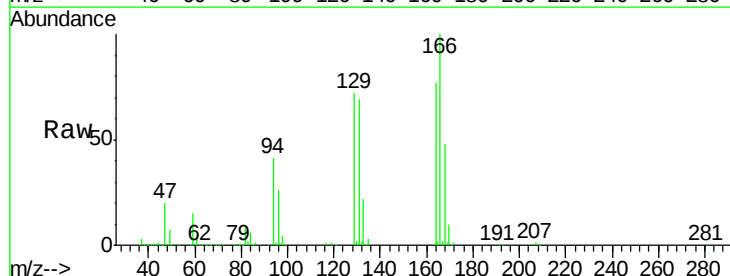


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

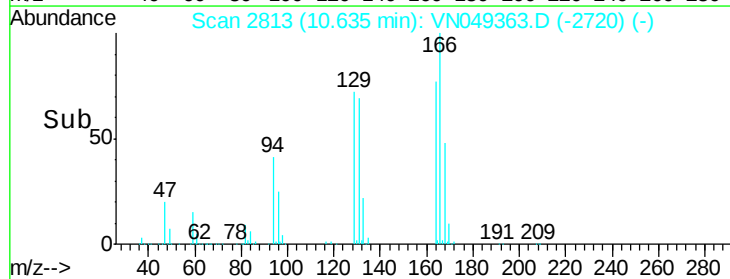
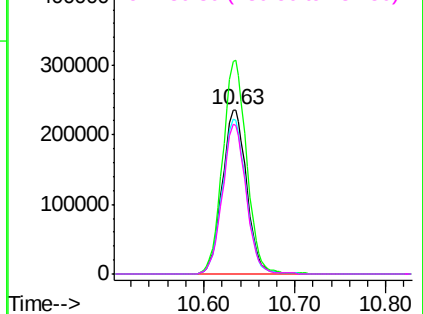


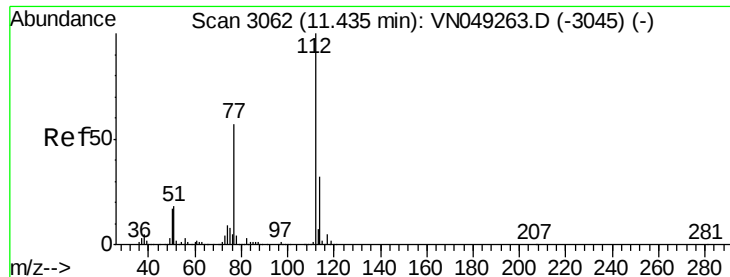
#64
Tetrachloroethene
Concen: 22.50 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion:164 Resp: 435753
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.2
129 93.7 74.1 111.1
131 90.5 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

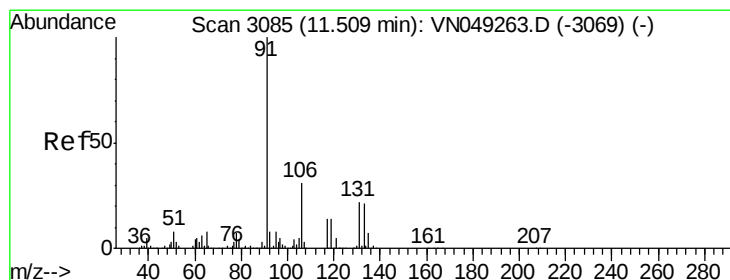
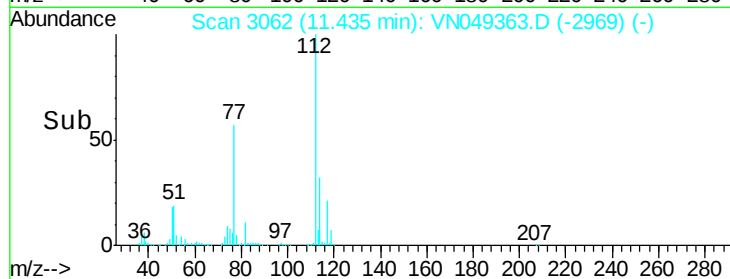
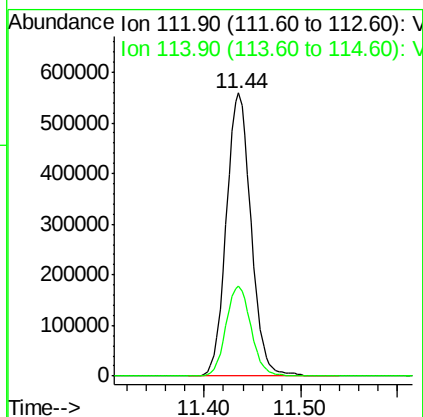
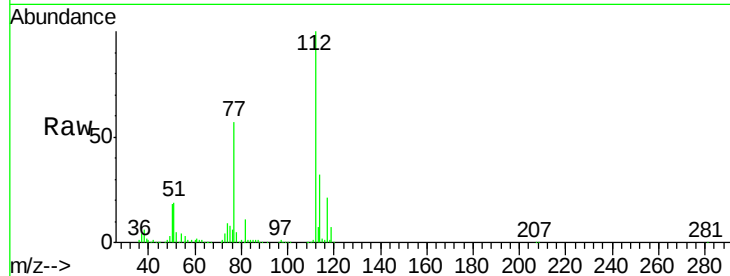




#65
Chlorobenzene
Concen: 20.37 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

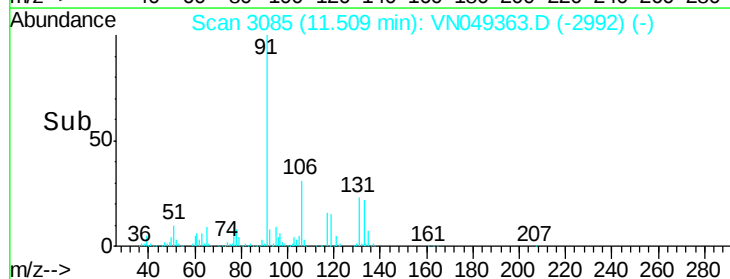
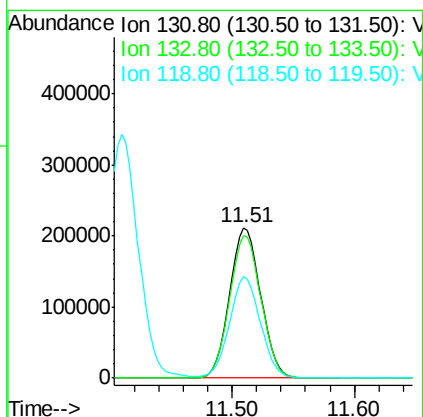
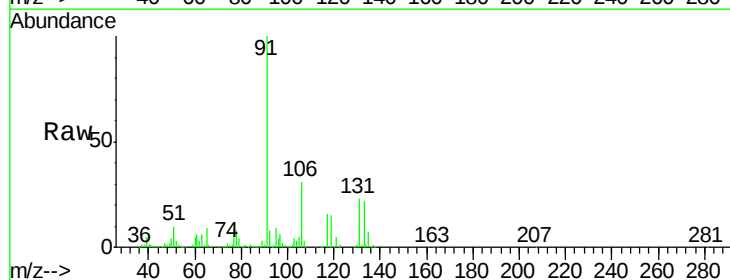
Instrument :
MSVOA_N
ClientSampled :

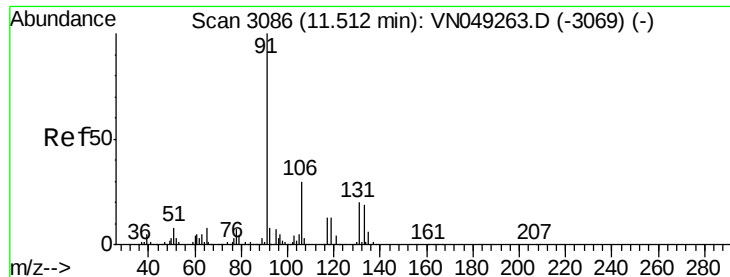
Tot Ion:112 Resp: 991515
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion:131 Resp: 375120
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.8 33.6 100.8





#67

Ethyl Benzene

Concen: 20.76 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

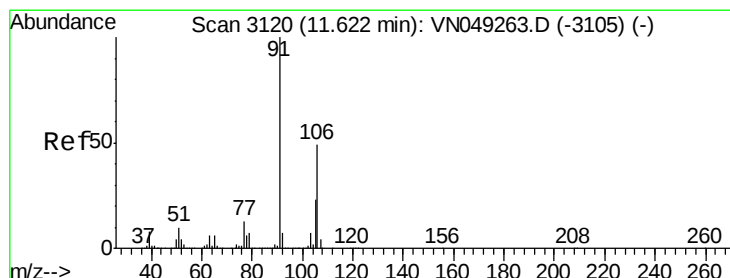
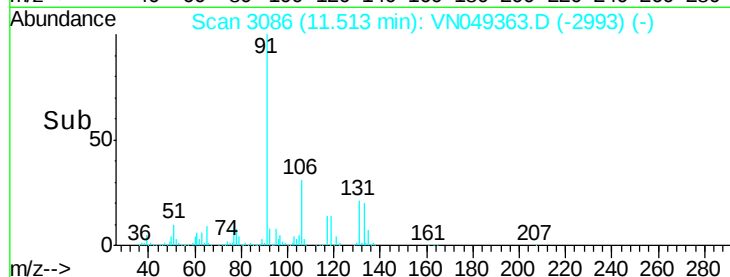
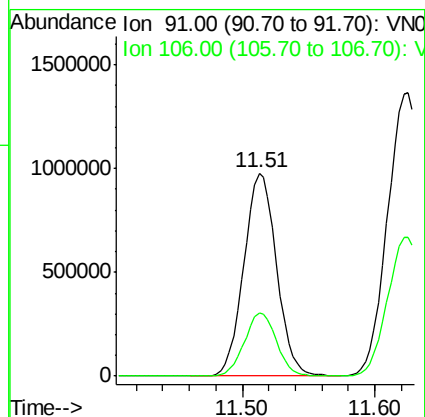
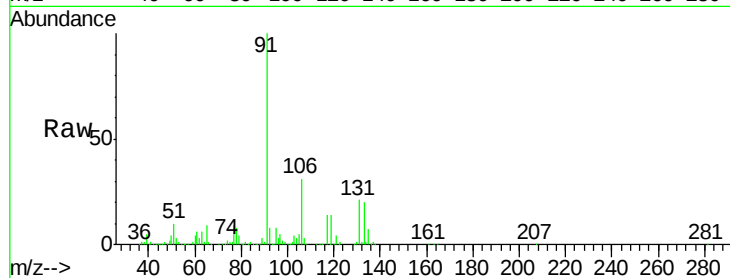
ClientSampled :

Tot Ion: 91 Resp: 1676116

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 42.53 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049363.D

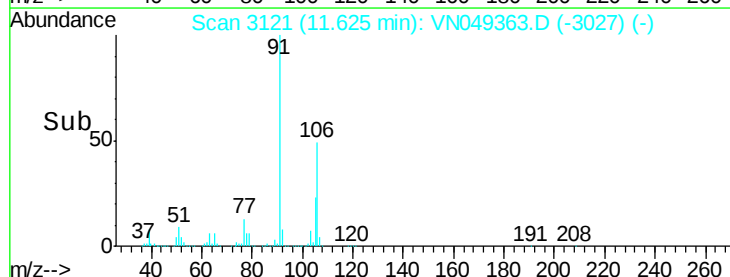
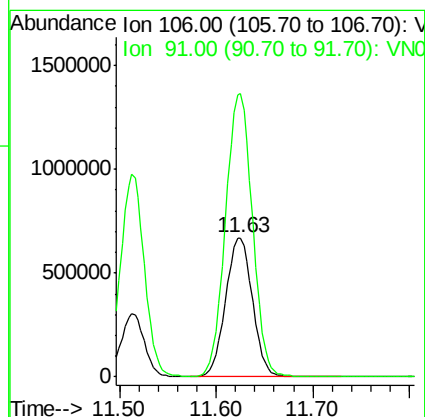
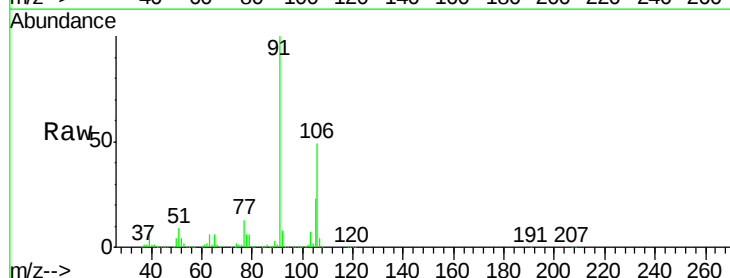
Acq: 19 Jun 2018 00:40

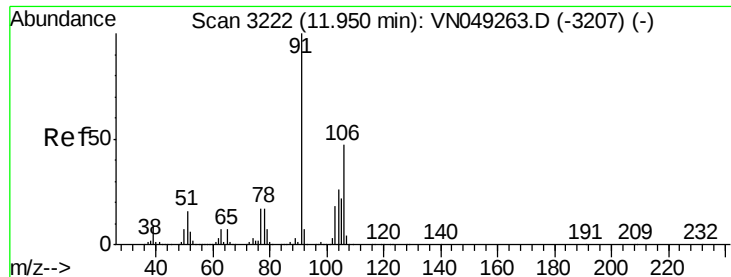
Tgt Ion: 106 Resp: 1288842

Ion Ratio Lower Upper

106 100

91 204.4 167.3 250.9

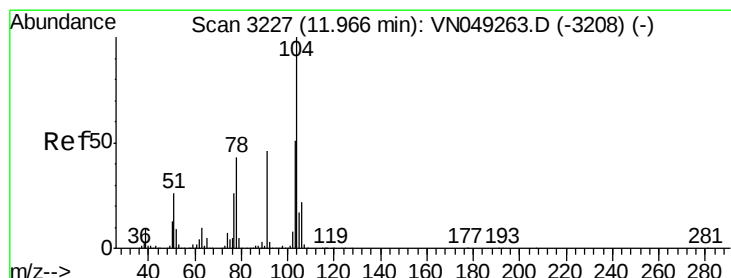
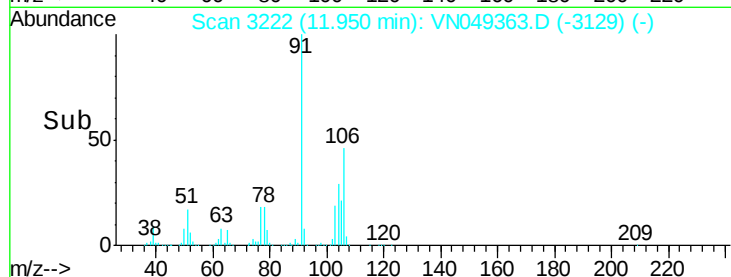
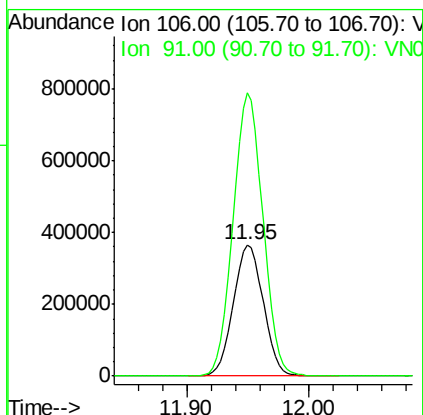
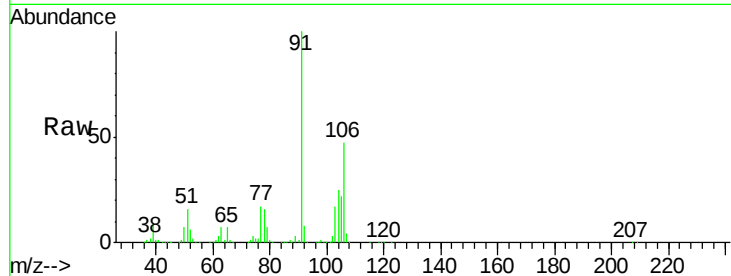




#69
o-Xylene
Concen: 21.35 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

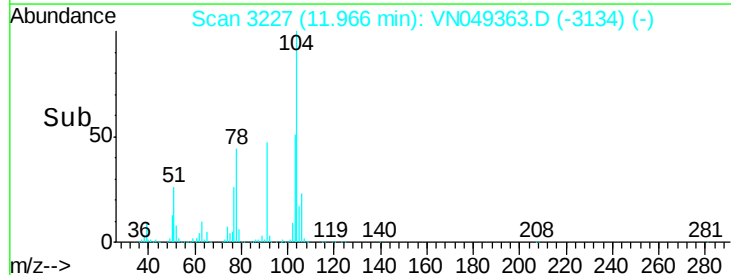
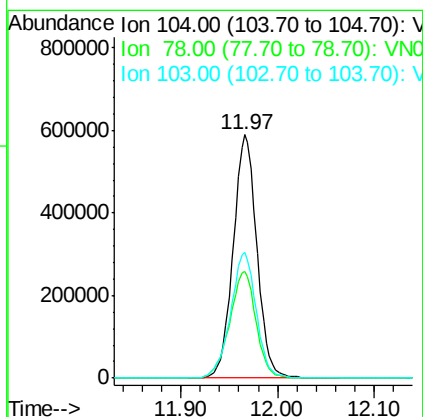
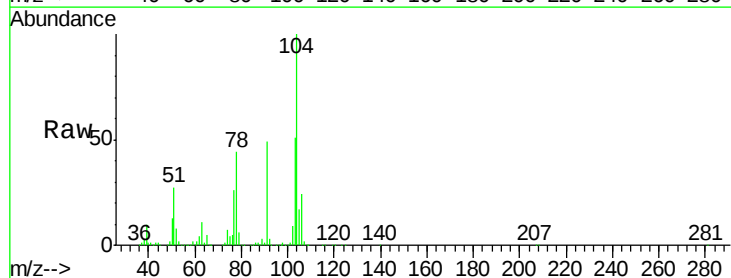
Instrument :
MSVOA_N
ClientSampled :

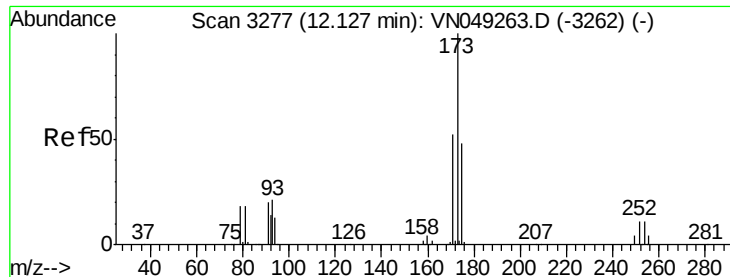
Tot Ion:106 Resp: 623201
Ion Ratio Lower Upper
106 100
91 214.9 111.0 333.0



#70
Styrene
Concen: 21.79 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion:104 Resp: 1003305
Ion Ratio Lower Upper
104 100
78 48.7 41.6 62.4
103 55.6 45.4 68.2





#71

Bromoform

Concen: 21.70 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

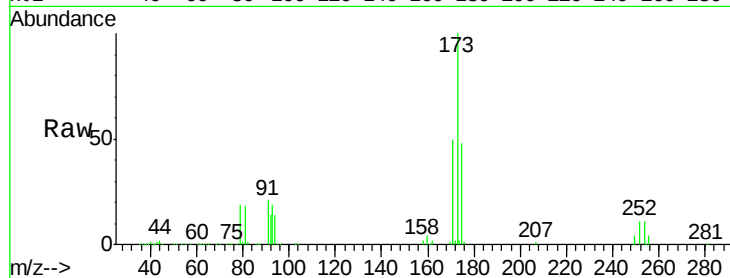
Tot Ion:173 Resp: 257363

Ion Ratio Lower Upper

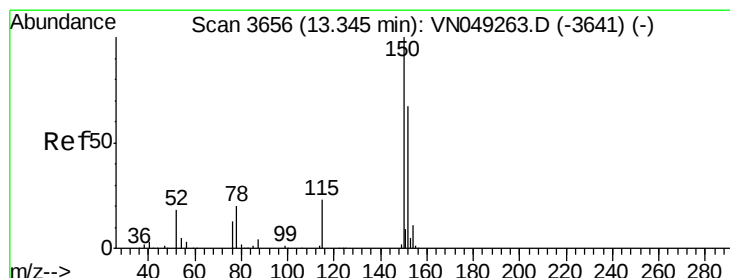
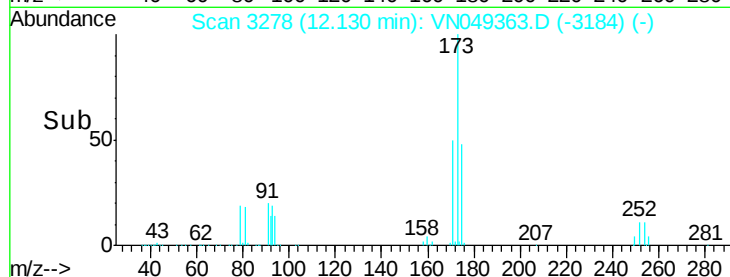
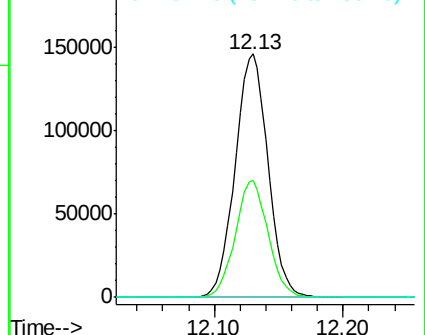
173 100

175 47.9 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: VN049363.D

Acq: 19 Jun 2018 00:40

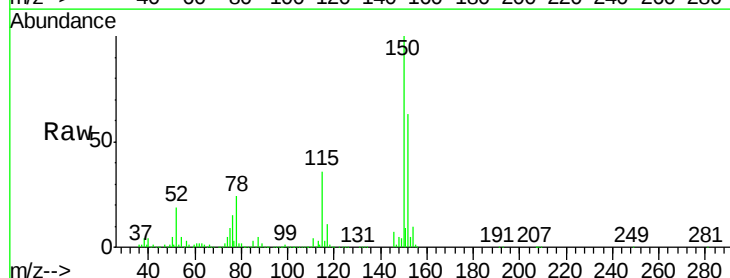
Tgt Ion:152 Resp: 915504

Ion Ratio Lower Upper

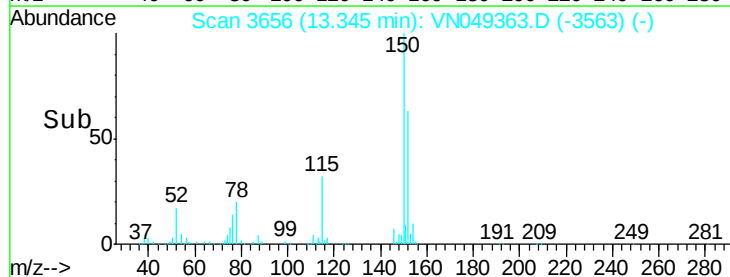
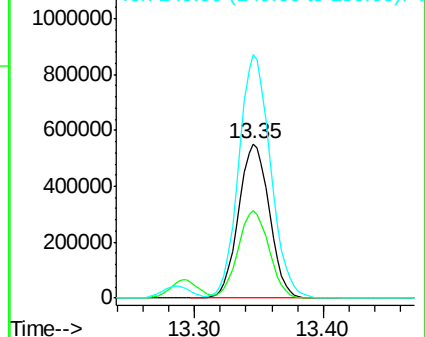
152 100

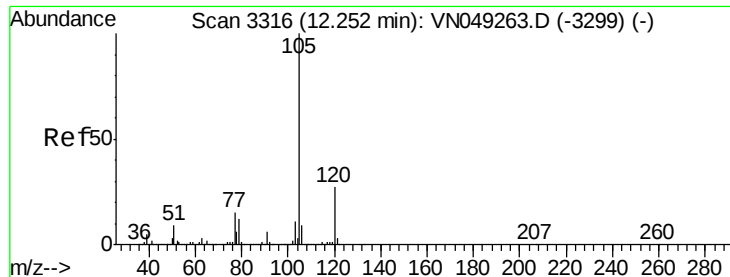
115 57.0 28.7 86.1

150 163.3 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.66 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

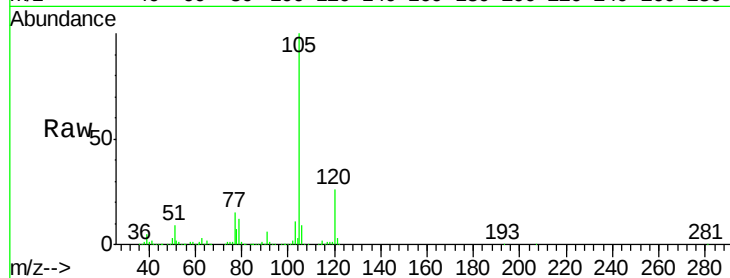
ClientSampleId :

Tot Ion:105 Resp: 1661070

Ion Ratio Lower Upper

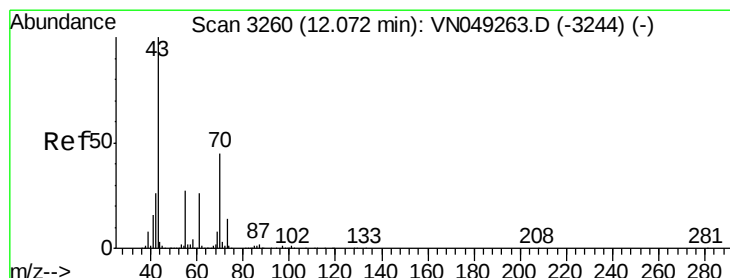
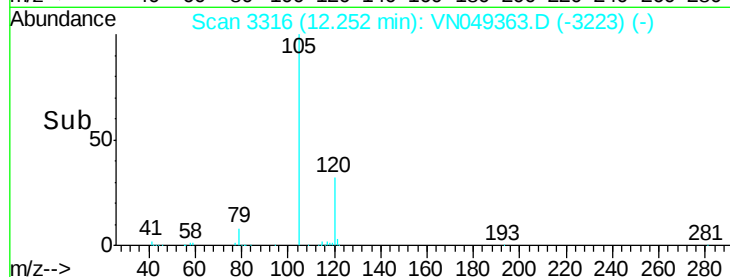
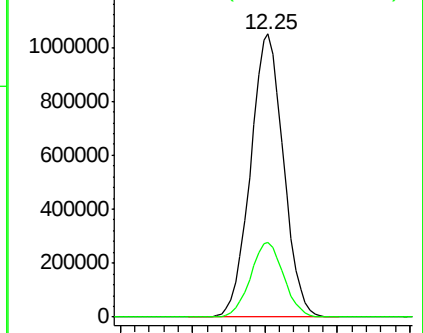
105 100

120 26.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.51 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Tgt Ion: 43 Resp: 423550

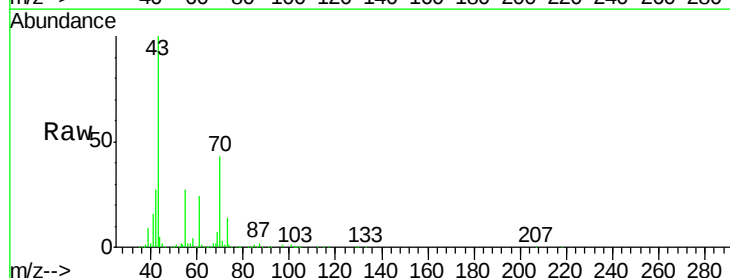
Ion Ratio Lower Upper

43 100

70 42.8 30.3 45.5

55 27.1 19.4 29.2

61 24.0 17.8 26.6

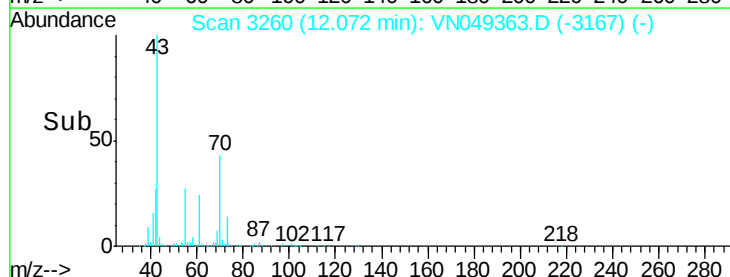
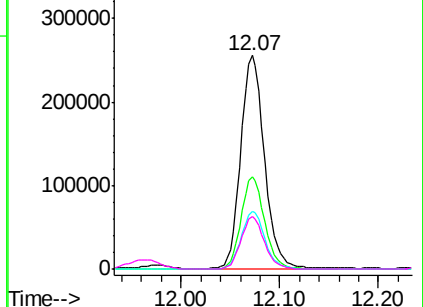


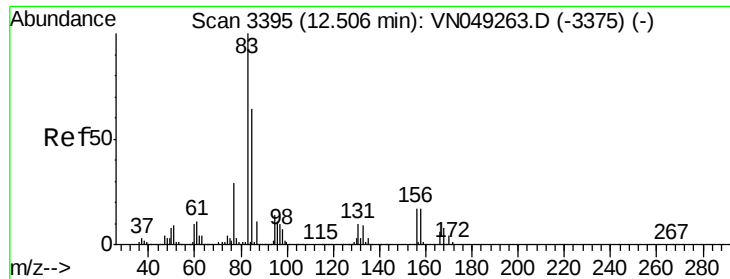
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.95 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

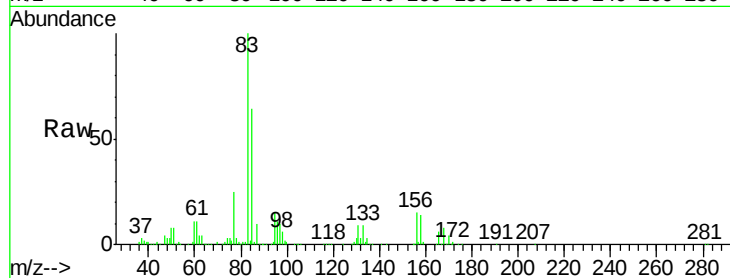
Tot Ion: 83 Resp: 399488

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

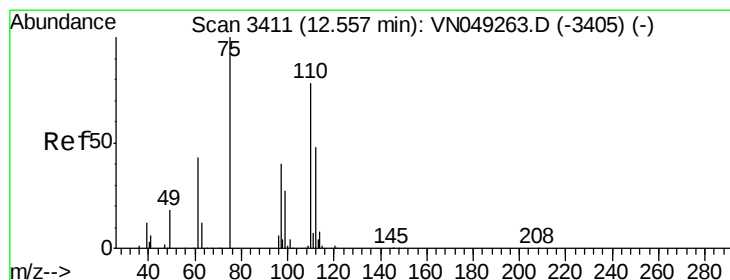
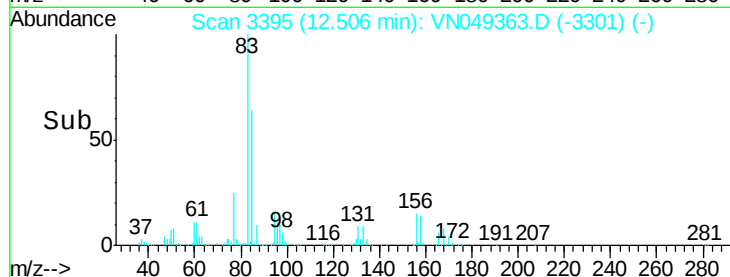
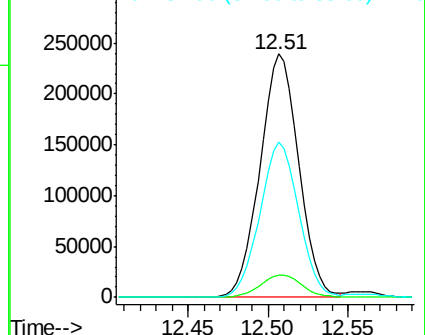
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 31.41 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049363.D

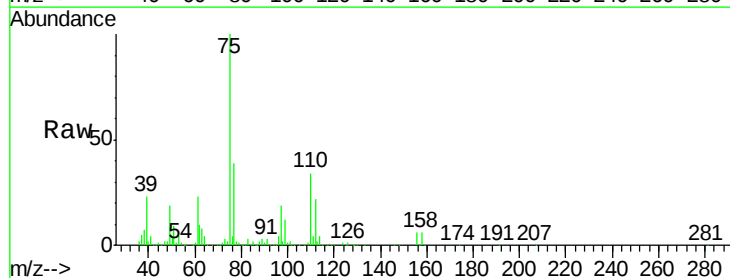
Acq: 19 Jun 2018 00:40

Tgt Ion: 75 Resp: 490603

Ion Ratio Lower Upper

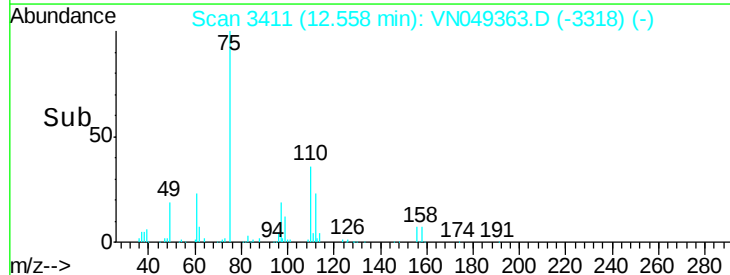
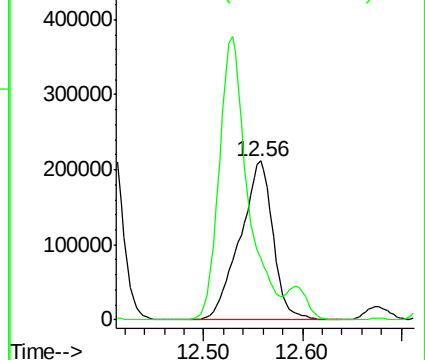
75 100

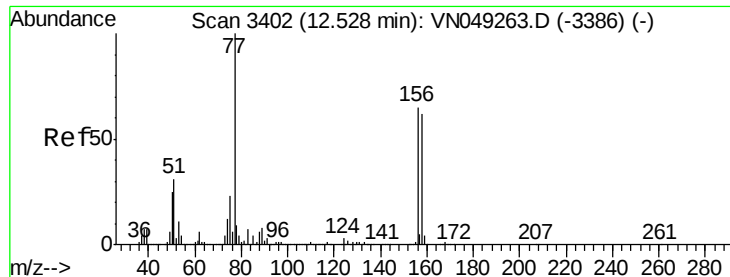
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 19.64 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampled :

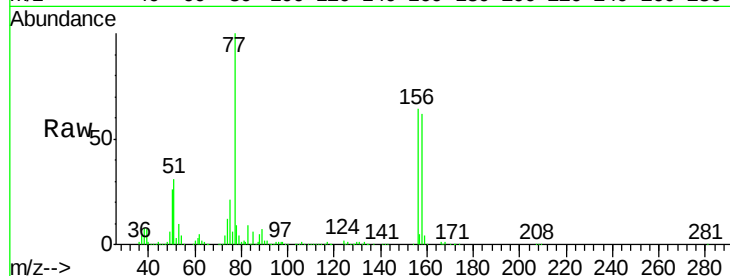
Tot Ion:156 Resp: 416931

Ion Ratio Lower Upper

156 100

77 182.7 100.8 302.4

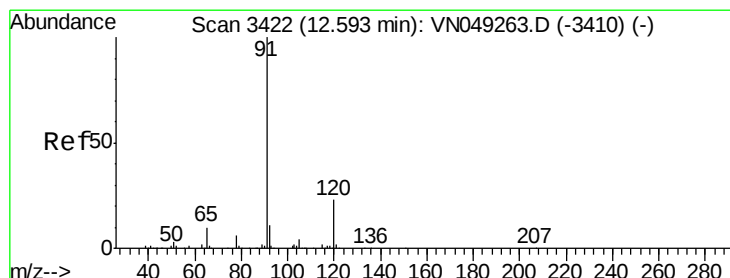
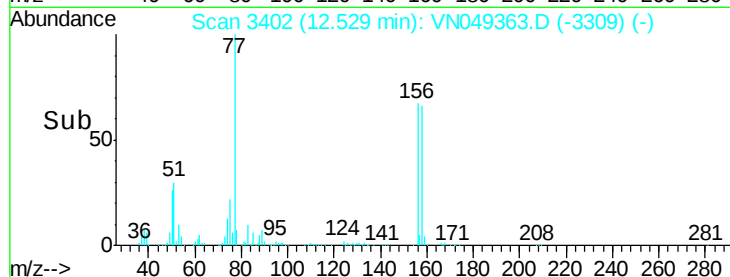
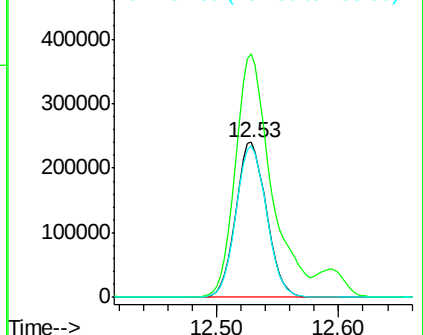
158 97.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.81 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049363.D

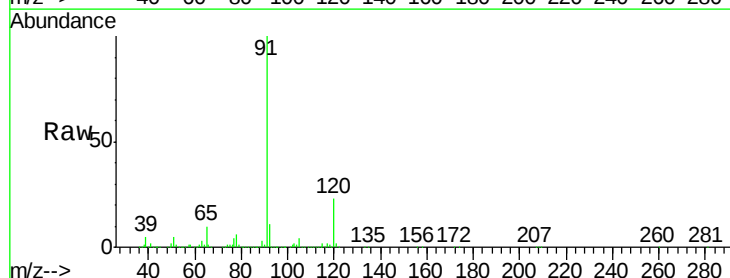
Acq: 19 Jun 2018 00:40

Tgt Ion: 91 Resp: 1837007

Ion Ratio Lower Upper

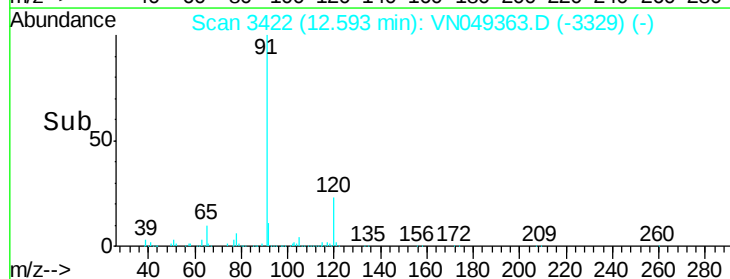
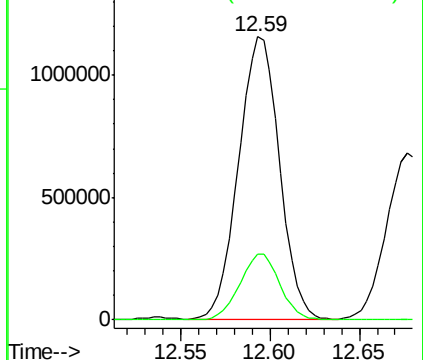
91 100

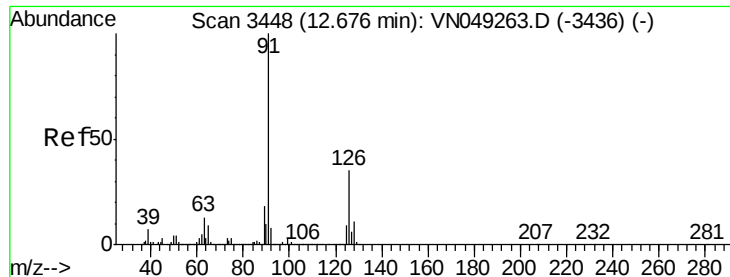
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.43 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

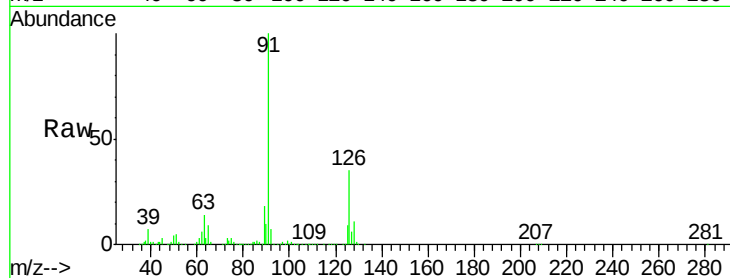
ClientSampleId :

Tot Ion: 91 Resp: 1142409

Ion Ratio Lower Upper

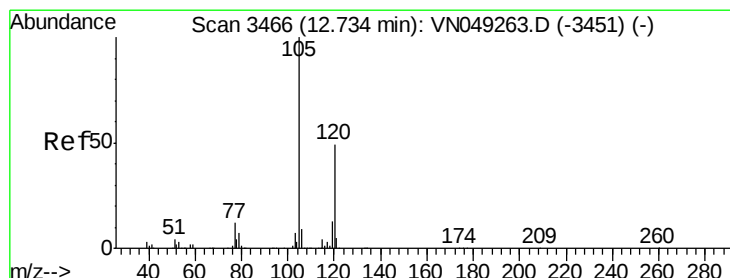
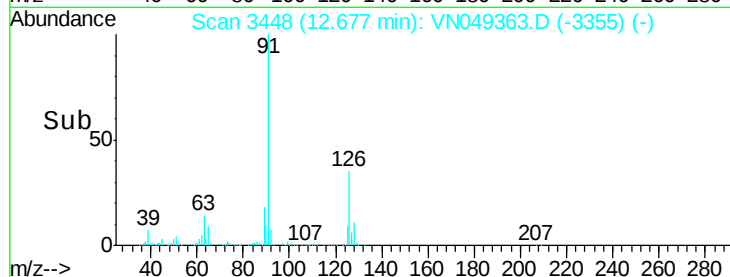
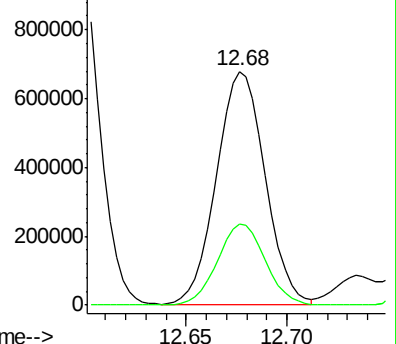
91 100

126 34.4 16.6 49.8



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

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



#80

1,3,5-Trimethylbenzene

Concen: 21.53 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049363.D

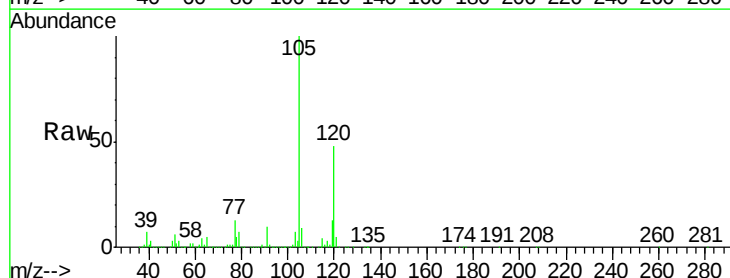
Acq: 19 Jun 2018 00:40

Tgt Ion: 105 Resp: 1359990

Ion Ratio Lower Upper

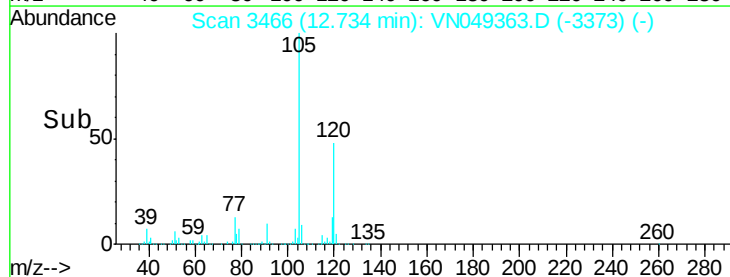
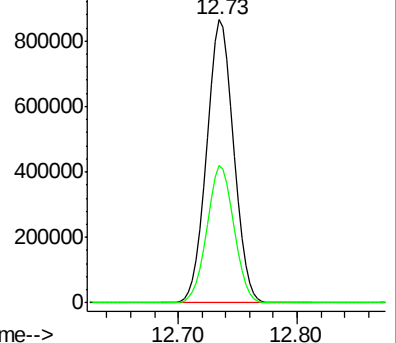
105 100

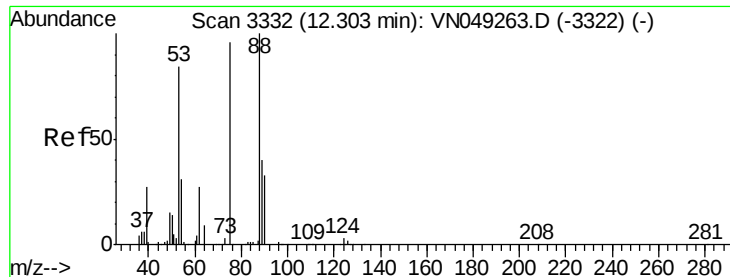
120 48.4 23.5 70.5



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.78 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampleId :

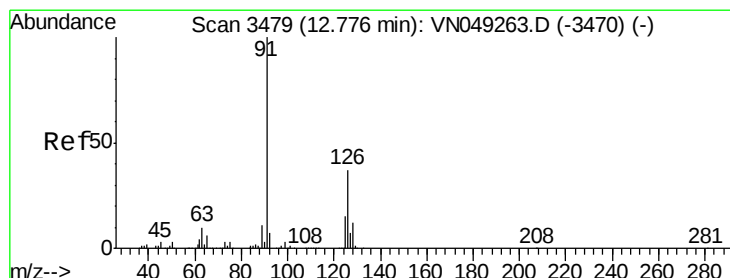
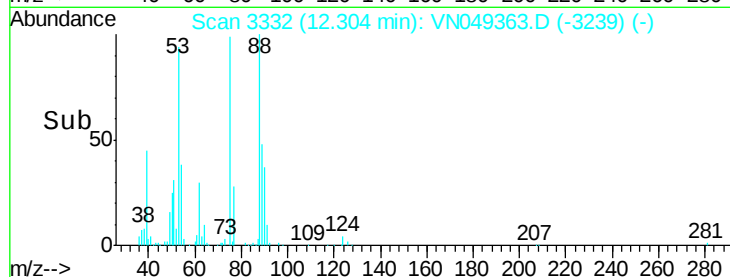
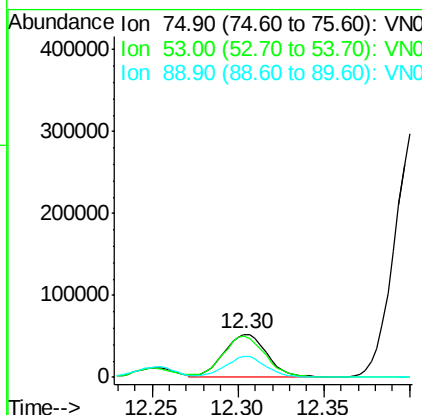
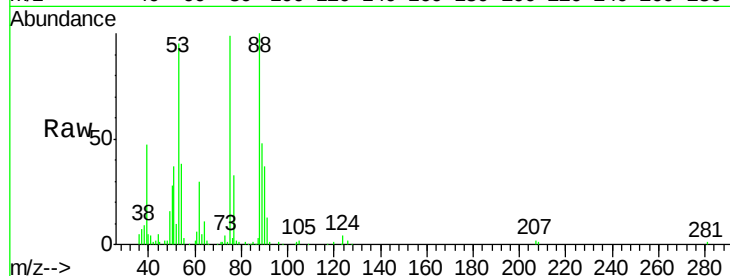
Tot Ion: 75 Resp: 92843

Ion Ratio Lower Upper

75 100

53 93.1 82.7 124.1

89 46.2 36.5 54.7



#82

4-Chlorotoluene

Concen: 20.90 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049363.D

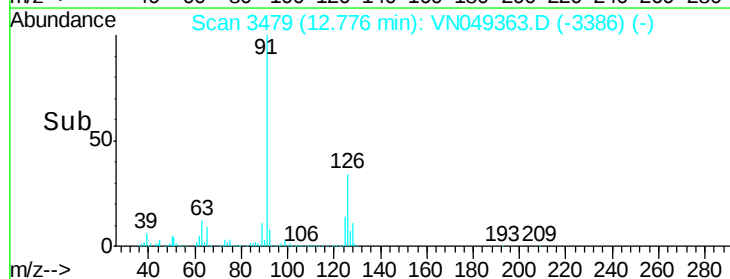
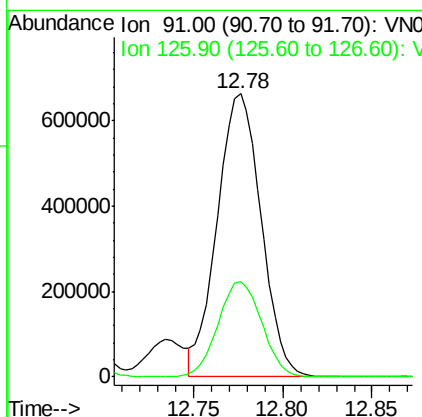
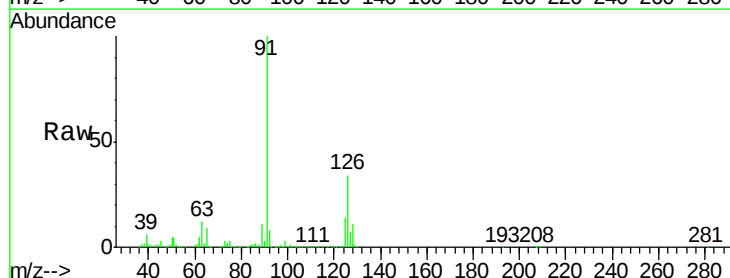
Acq: 19 Jun 2018 00:40

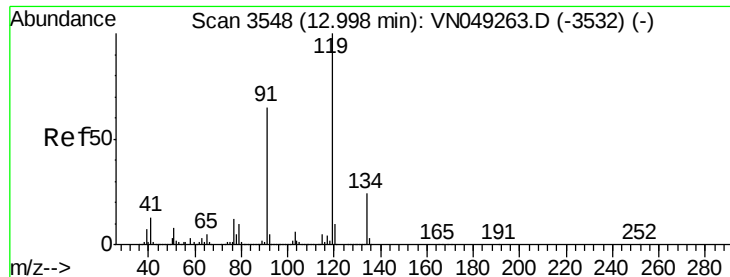
Tgt Ion: 91 Resp: 1127589

Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.1

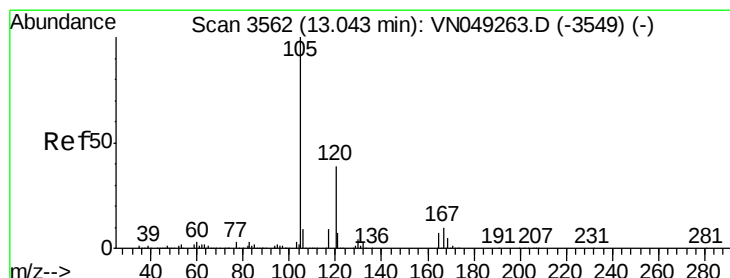
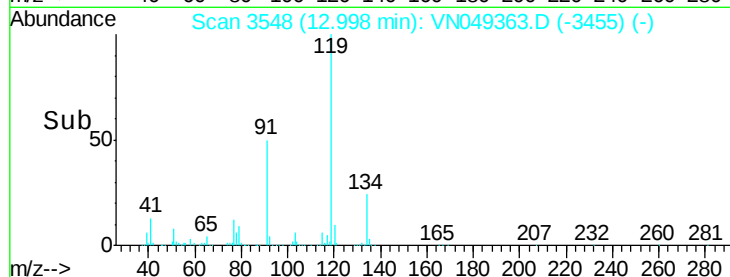
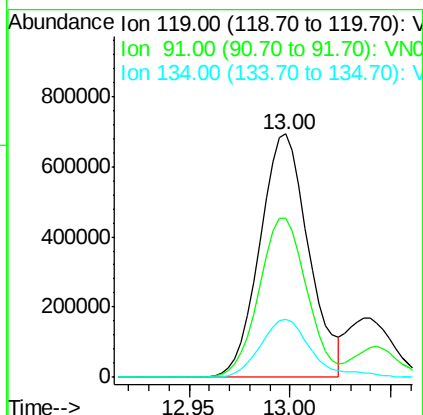
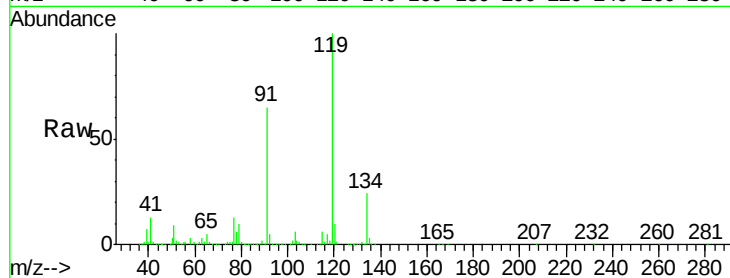




#83
 tert-Butylbenzene
 Concen: 20.83 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

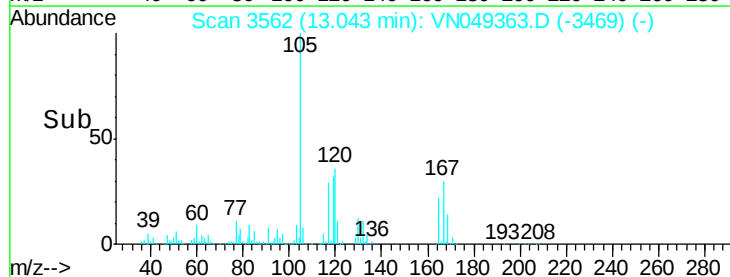
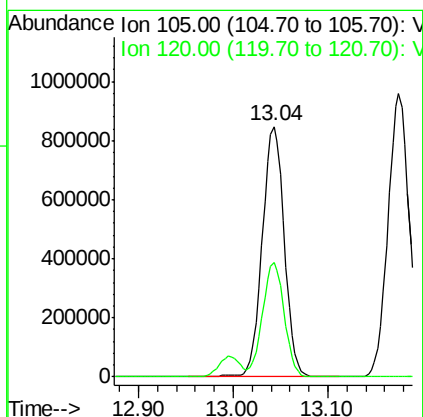
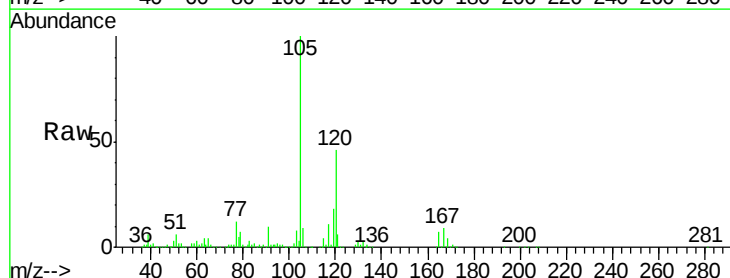
Instrument :
 MSVOA_N
 ClientSampled :

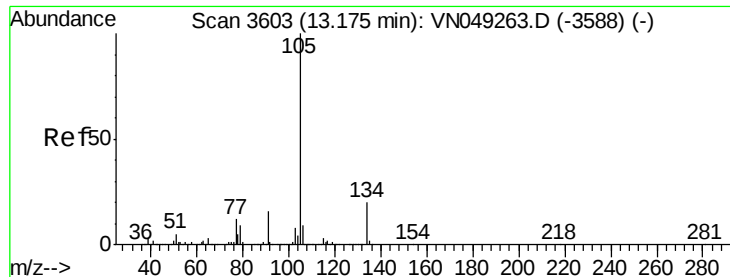
Tot Ion:119 Resp: 1165979
 Ion Ratio Lower Upper
 119 100
 91 64.0 33.7 101.0
 134 25.2 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.79 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion:105 Resp: 1367938
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.21 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

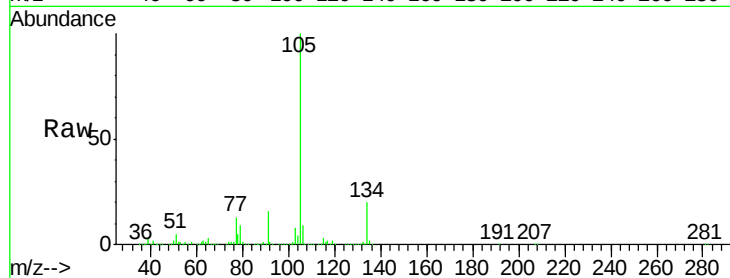
ClientSampleId :

Tot Ion:105 Resp: 1505903

Ion Ratio Lower Upper

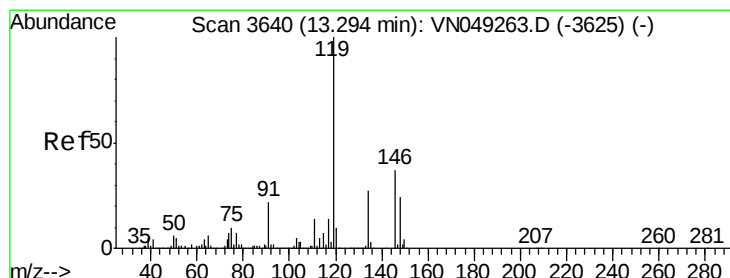
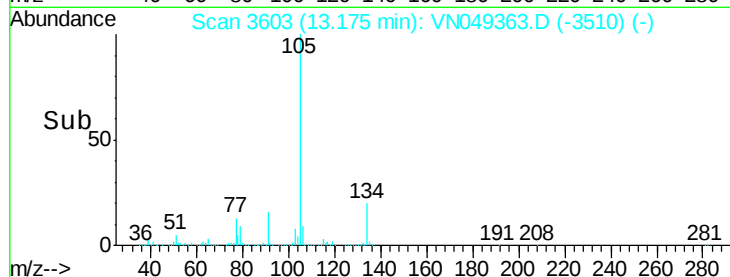
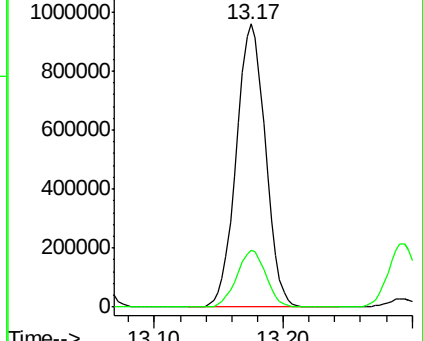
105 100

134 20.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.26 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

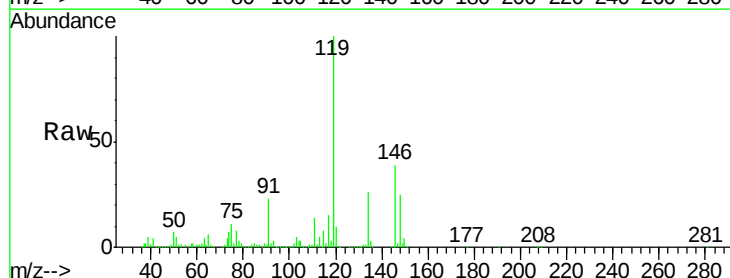
Tgt Ion:119 Resp: 1261149

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

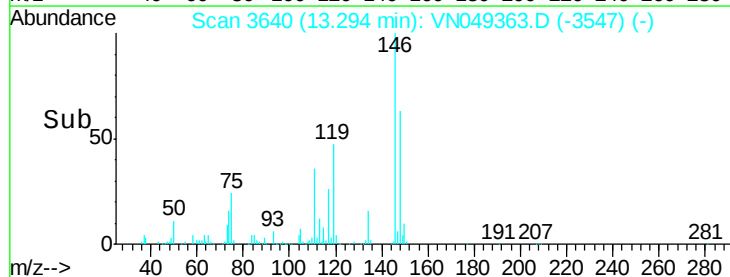
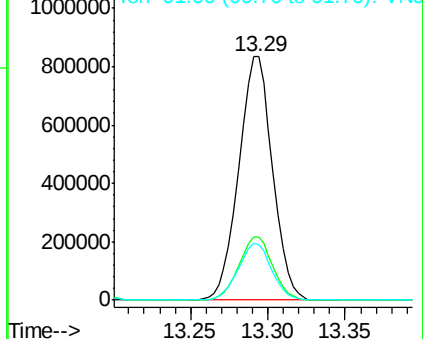
91 23.1 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.32 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampled :

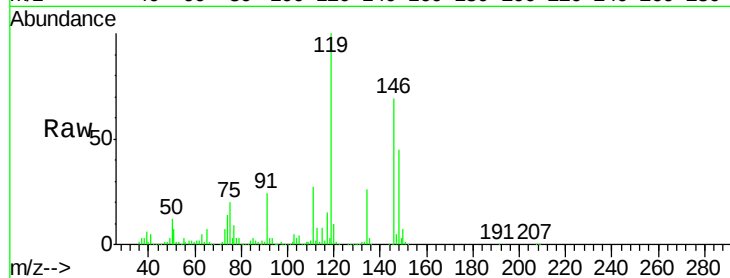
Tot Ion:146 Resp: 709692

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.6

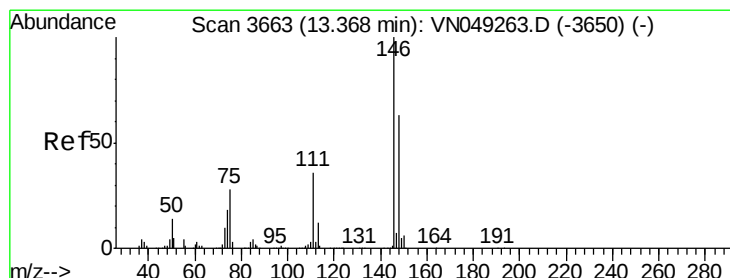
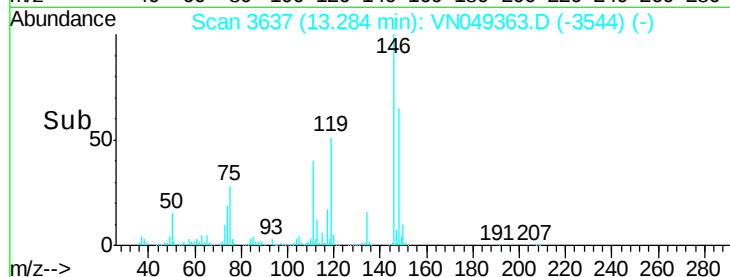
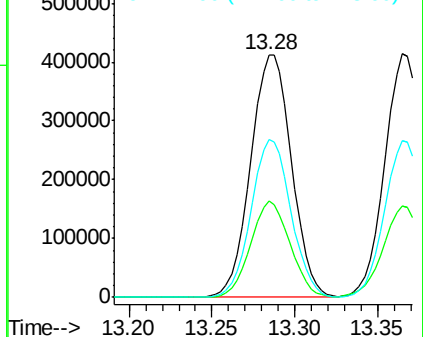
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.67 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

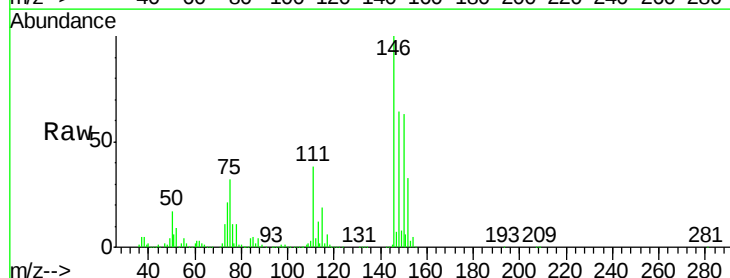
Tgt Ion:146 Resp: 681114

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

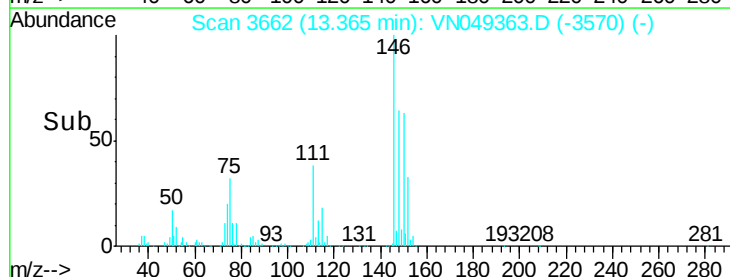
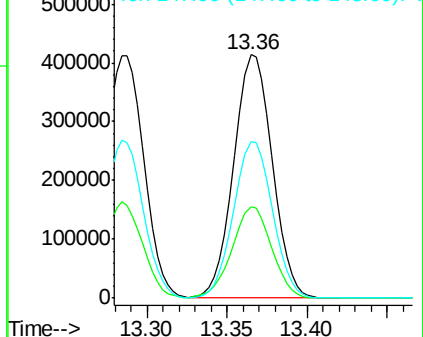
148 65.1 32.0 96.2

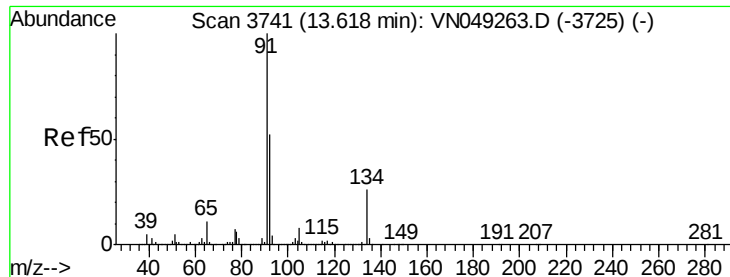


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

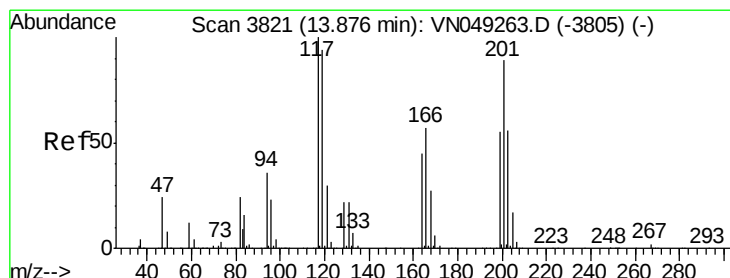
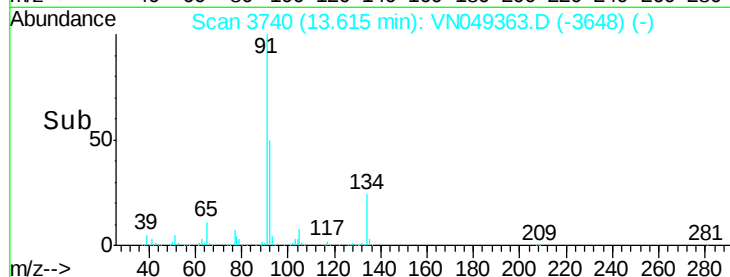
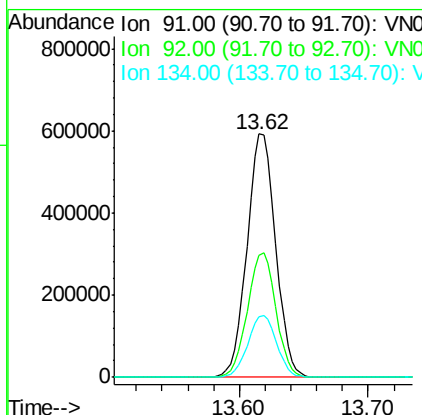
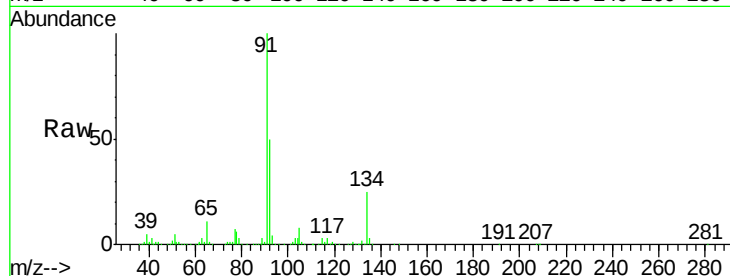




#89
n-Butylbenzene
Concen: 18.85 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

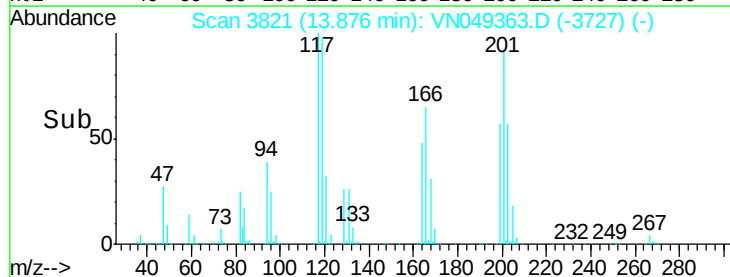
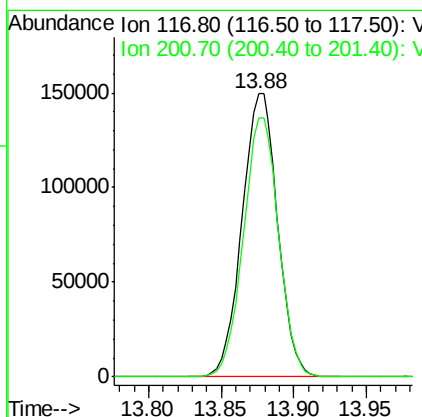
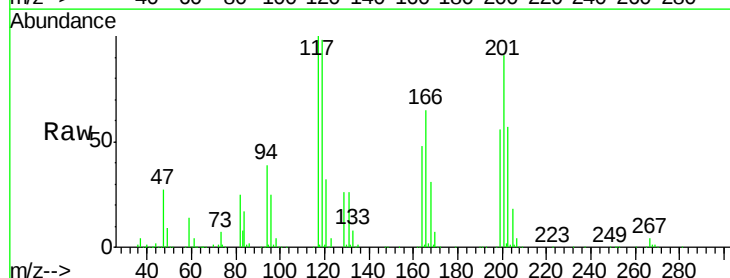
Instrument :
MSVOA_N
ClientSampleId :

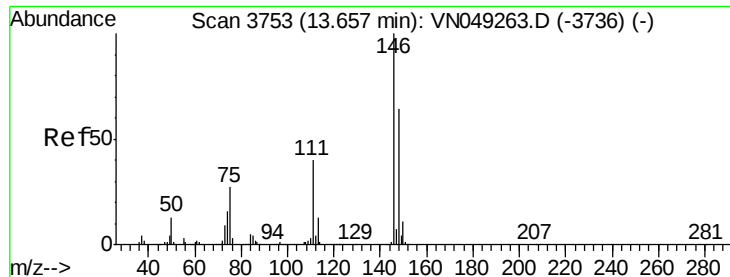
Tot Ion	91	Resp	916477
Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.1	75.4
134	25.6	12.0	36.0



#90
Hexachloroethane
Concen: 20.68 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049363.D
Acq: 19 Jun 2018 00:40

Tgt Ion	117	Resp	255314
Ion	Ratio	Lower	Upper
117	100		
201	90.7	40.1	120.2

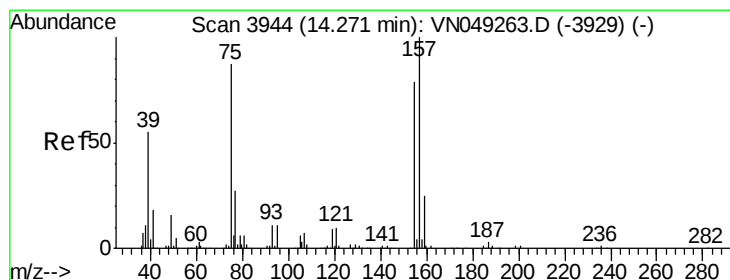
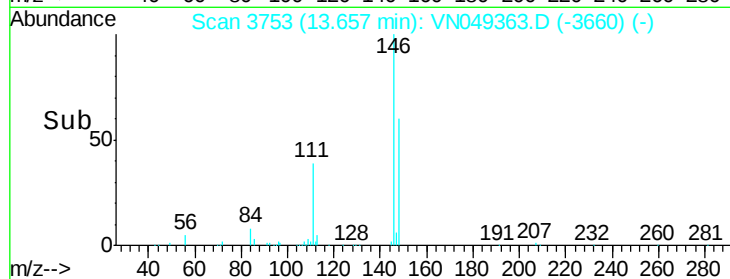
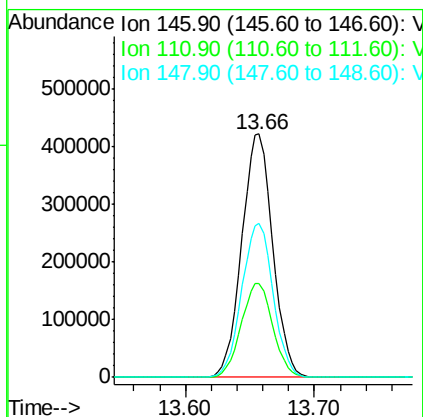
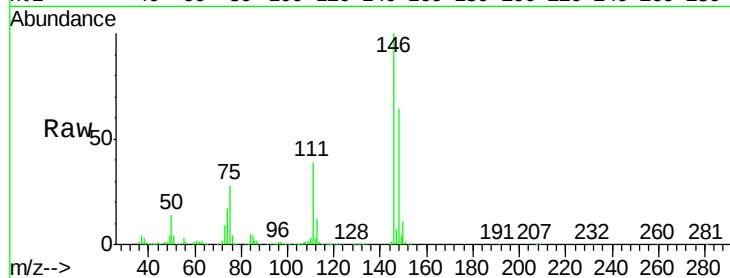




#91
 1,2-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

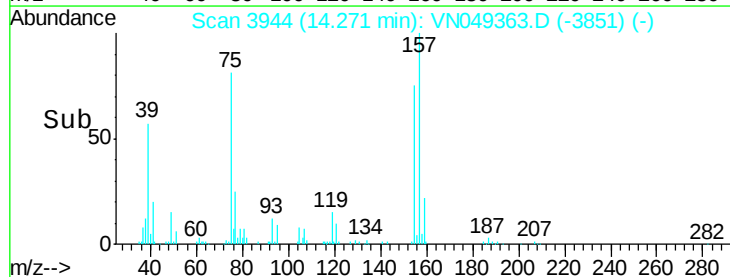
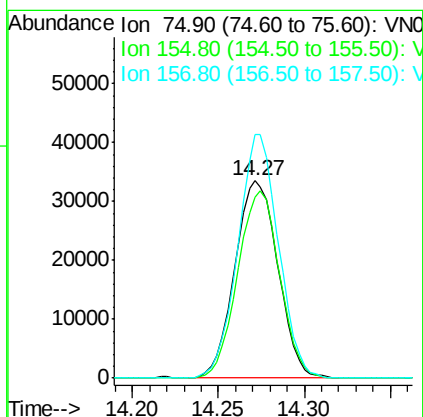
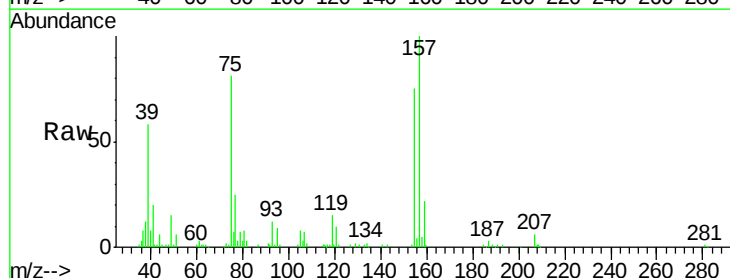
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.8	62.2
148	64.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.88 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	38.8	116.3
157	116.0	51.0	153.1

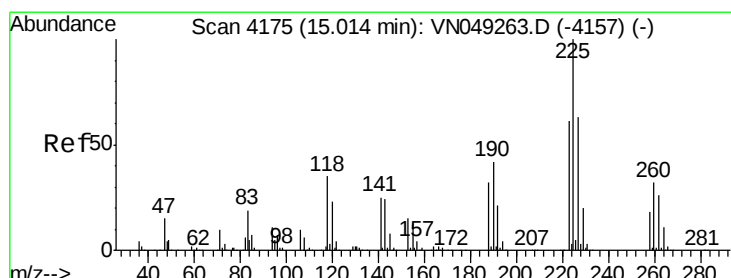
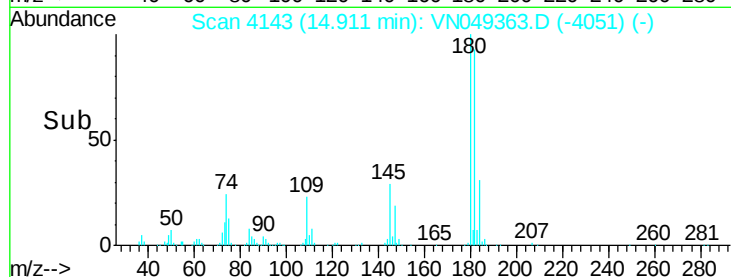
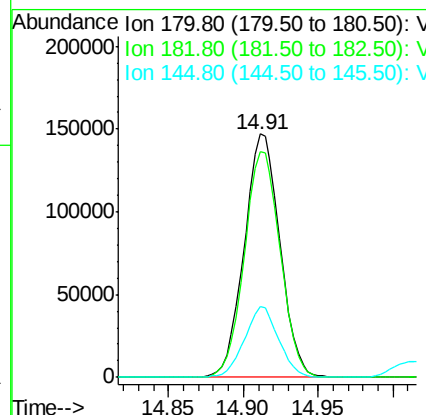
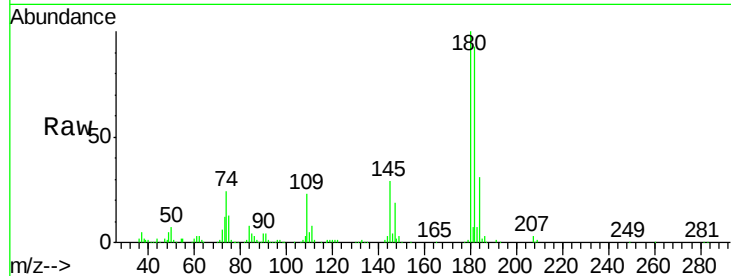




#93
 1,2,4-Trichlorobenzene
 Concen: 18.78 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

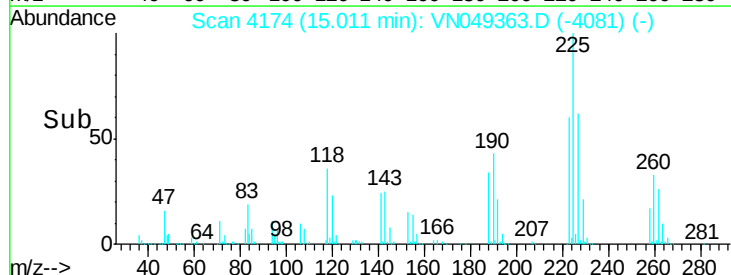
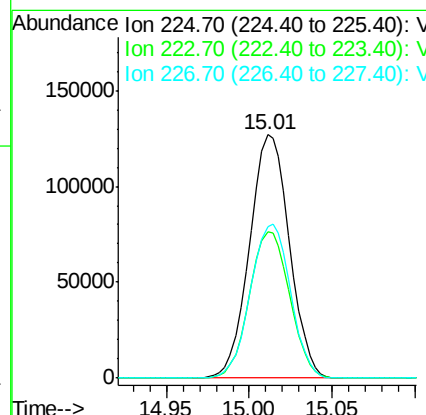
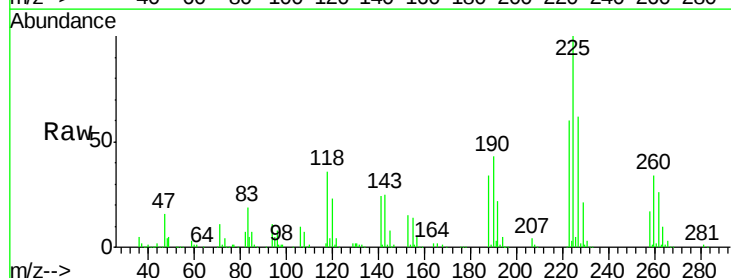
Instrument :
 MSVOA_N
 ClientSampleId :

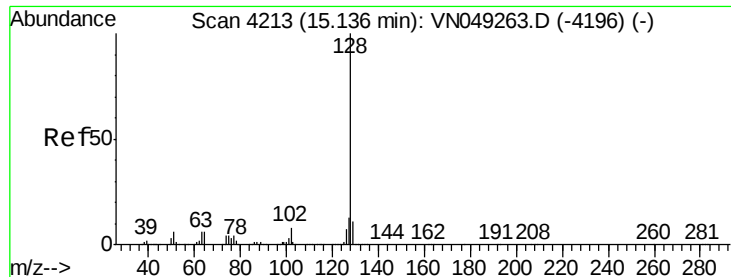
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.9	140.8
145	28.0	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 19.57 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049363.D
 Acq: 19 Jun 2018 00:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.1	96.3
227	63.7	31.8	95.3





#95

Naphthalene

Concen: 20.49 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

Instrument :

MSVOA_N

ClientSampled :

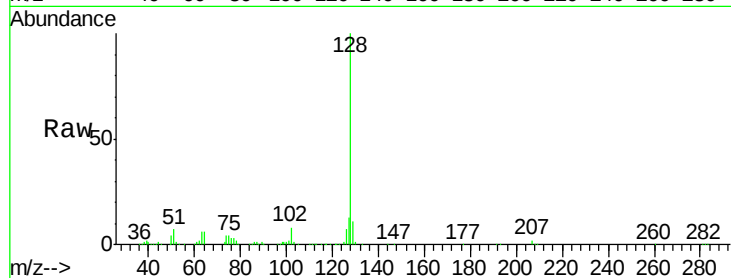
Tot Ion:128 Resp: 492871

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

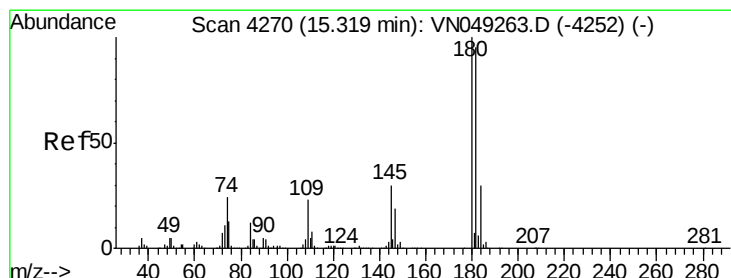
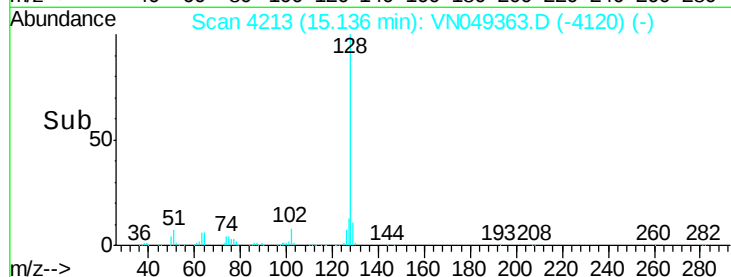
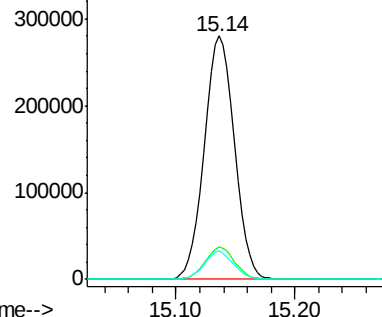
129 11.1 8.5 12.7



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: 19.45 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049363.D

Acq: 19 Jun 2018 00:40

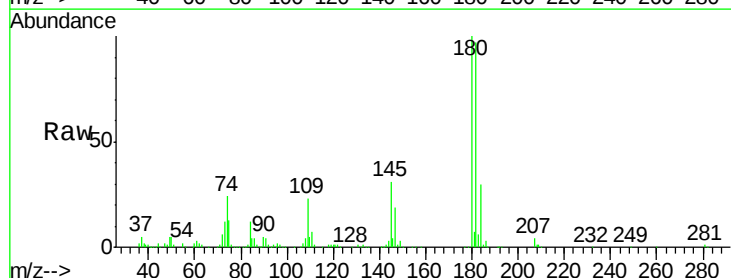
Tgt Ion:180 Resp: 263633

Ion Ratio Lower Upper

180 100

182 97.0 47.3 141.8

145 31.3 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

