

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050724.D
 Acq On : 17 Aug 2018 12:44
 Operator : MD\SY
 Sample : VN0817WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	887637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	387506	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	363513	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.09	98	1359727	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	426393	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	127357	18.60	ug/l	99
3) Chloromethane	2.06	50	162676	19.19	ug/l	100
4) Vinyl Chloride	2.18	62	166106	18.26	ug/l	98
5) Bromomethane	2.56	94	94341	17.96	ug/l	100
6) Chloroethane	2.70	64	102561	19.32	ug/l	97
7) Trichlorofluoromethane	3.01	101	222149	18.61	ug/l	98
8) Diethyl Ether	3.41	74	77398	19.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138030	19.12	ug/l	99
10) Methyl Iodide	3.95	142	79531	20.30	ug/l	99
11) Tert butyl alcohol	4.79	59	43492	104.04	ug/l	99
12) 1,1-Dichloroethene	3.73	96	122231	18.55	ug/l	99
13) Acrolein	3.61	56	9870	54.11	ug/l	99
14) Allyl chloride	4.33	41	193729	18.90	ug/l	99
15) Acrylonitrile	4.99	53	227779	99.21	ug/l	100
16) Acetone	3.82	43	199436	103.48	ug/l	96
17) Carbon Disulfide	4.05	76	364595	17.58	ug/l	100
18) Methyl Acetate	4.33	43	116896	21.17	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	329653	19.65	ug/l	99
20) Methylene Chloride	4.55	84	150078	19.86	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	133312	18.66	ug/l	96
22) Diisopropyl ether	5.96	45	426820	20.31	ug/l	97
23) Vinyl Acetate	5.90	43	1358706	98.82	ug/l	99
24) 1,1-Dichloroethane	5.85	63	258857	19.03	ug/l	98
25) 2-Butanone	6.84	43	313615	99.91	ug/l	99
26) 2,2-Dichloropropane	6.83	77	197698	21.72	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	149964	18.85	ug/l	97
28) Bromochloromethane	7.20	49	117734	19.02	ug/l	100
29) Tetrahydrofuran	7.22	42	169532	103.44	ug/l	98
30) Chloroform	7.37	83	261121	18.95	ug/l	99
31) Cyclohexane	7.65	56	221854	18.90	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	216736	18.68	ug/l	99
36) 1,1-Dichloropropene	7.79	75	193411	19.57	ug/l	99
37) Ethyl Acetate	6.93	43	117937	21.12	ug/l #	93
38) Carbon Tetrachloride	7.78	117	194792	19.00	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	195485	19.11	ug/l	98
40) Benzene	8.04	78	595000	19.79	ug/l	99
41) Methacrylonitrile	7.18	41	61459	20.35	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	182081	19.76	ug/l	100
43) Isopropyl Acetate	8.17	43	201349	19.78	ug/l	99
44) Trichloroethene	8.84	130	153564	19.07	ug/l	99
45) 1,2-Dichloropropane	9.12	63	156581	19.57	ug/l	97
46) Dibromomethane	9.21	93	92229	19.52	ug/l	99
47) Bromodichloromethane	9.40	83	193211	19.13	ug/l	99
48) Methyl methacrylate	9.20	41	96445	18.83	ug/l	97
49) 1,4-Dioxane	9.20	88	27697	410.49	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	724709	105.27	ug/l	99
52) Toluene	10.16	92	363111	20.23	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185476	19.72	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219808	20.37	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	132983	19.83	ug/l	99
56) Ethyl methacrylate	10.43	69	154398	19.27	ug/l	100
57) 1,3-Dichloropropane	10.71	76	220646	20.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	365225	95.84	ug/l	100
59) 2-Hexanone	10.75	43	457225	102.91	ug/l	99
60) Dibromochloromethane	10.90	129	146893	19.85	ug/l	99
61) 1,2-Dibromoethane	11.01	107	125910	19.72	ug/l	100
64) Tetrachloroethene	10.63	164	141524	18.85	ug/l	99
65) Chlorobenzene	11.44	112	392525	19.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	145464	19.28	ug/l	100
67) Ethyl Benzene	11.51	91	643845	19.81	ug/l	100
68) m/p-Xylenes	11.62	106	502879	40.46	ug/l	99
69) o-Xylene	11.95	106	239481	20.21	ug/l	100
70) Styrene	11.96	104	382599	18.75	ug/l	99
71) Bromoform	12.13	173	98243	19.64	ug/l #	100
73) Isopropylbenzene	12.25	105	626168	20.40	ug/l	100
74) N-amyl acetate	12.07	43	158876	19.89	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	164725	21.80	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	191192	29.70	ug/l #	100
77) Bromobenzene	12.53	156	166445	19.97	ug/l	99
78) n-propylbenzene	12.59	91	713448	20.84	ug/l	99
79) 2-Chlorotoluene	12.68	91	434349	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	528010	21.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36312	20.55	ug/l	98
82) 4-Chlorotoluene	12.77	91	433757	20.57	ug/l	100
83) tert-Butylbenzene	12.99	119	448118	21.00	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	524782	21.27	ug/l	100
85) sec-Butylbenzene	13.17	105	581633	20.86	ug/l	100
86) p-Isopropyltoluene	13.29	119	498596	21.10	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276870	19.51	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	267715	19.01	ug/l	100
89) n-Butylbenzene	13.62	91	370554	19.42	ug/l	97
90) Hexachloroethane	13.88	117	92428	19.46	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	271789	19.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21786	19.89	ug/l	97

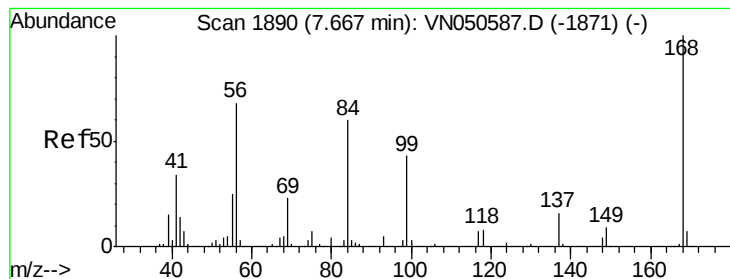
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	107397	16.98	ug/l	99
94) Hexachlorobutadiene	15.01	225	83129	19.59	ug/l	98
95) Naphthalene	15.14	128	200372	16.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109326	17.77	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

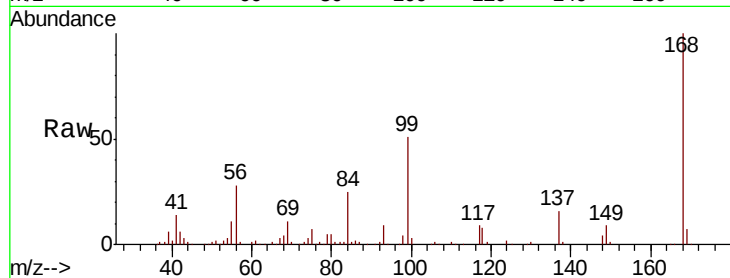
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 607370

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

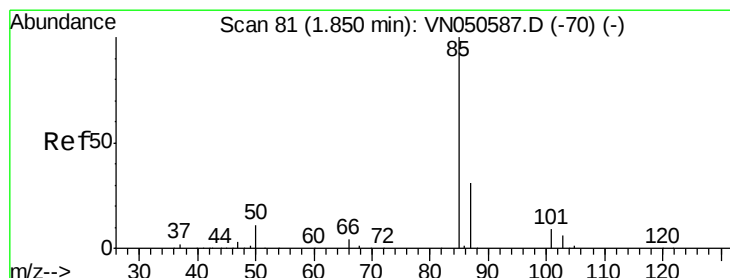
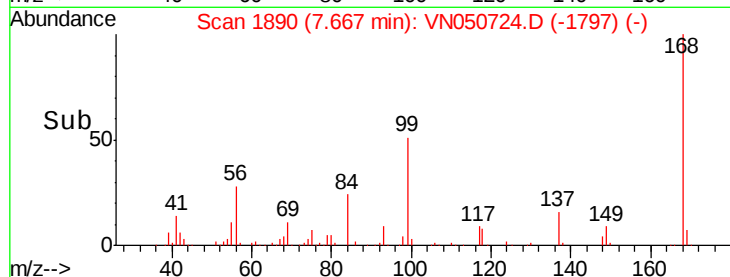
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 18.60 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050724.D

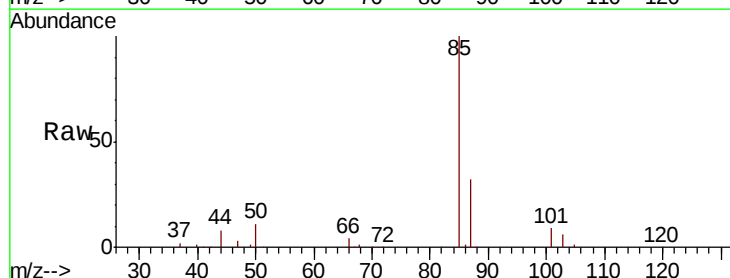
Acq: 17 Aug 2018 12:44

Tgt Ion: 85 Resp: 127357

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

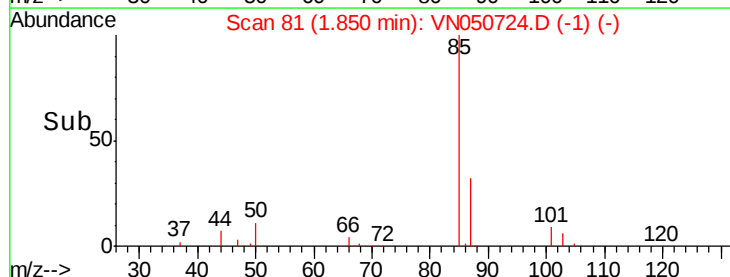
40000

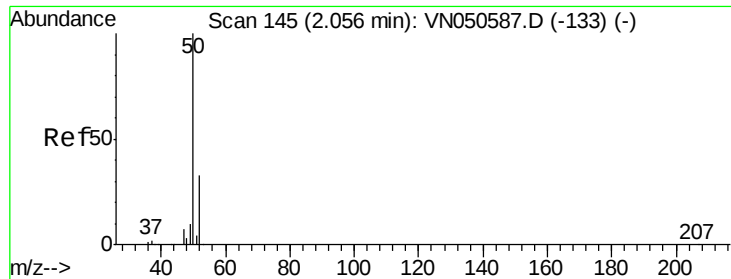
20000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 19.19 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

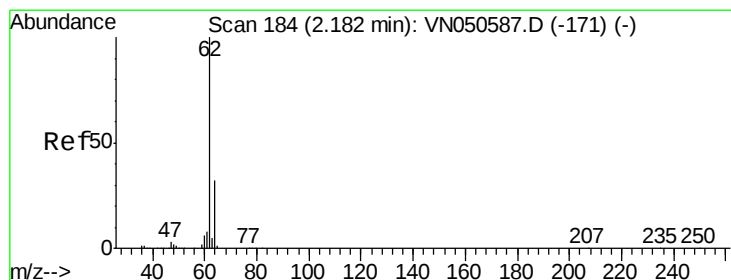
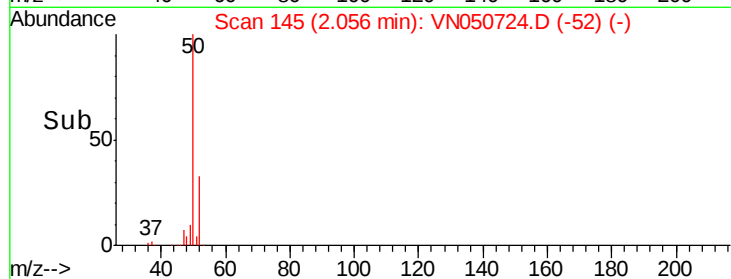
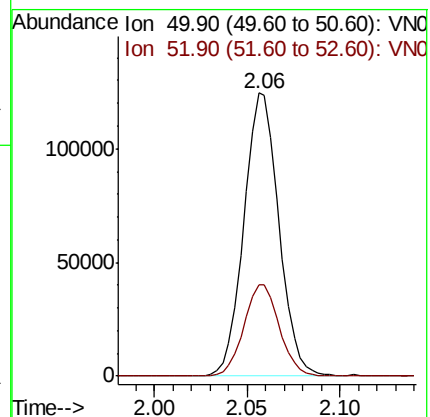
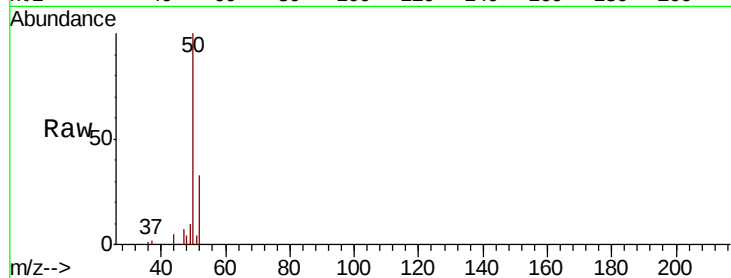
ClientSampled :

Tot Ion: 50 Resp: 162676

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 18.26 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050724.D

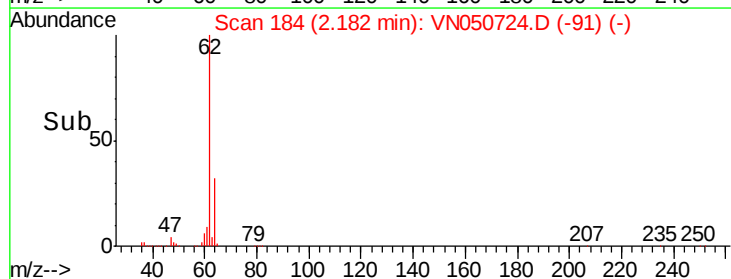
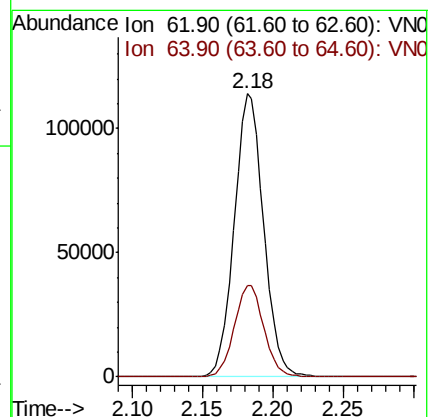
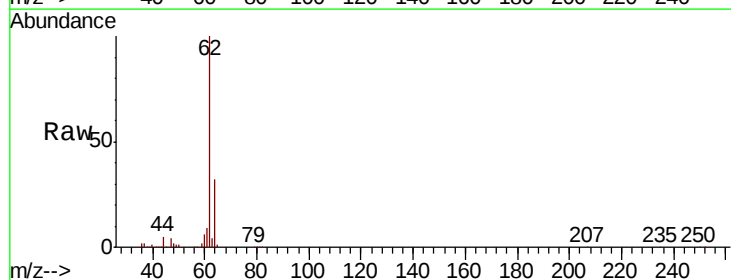
Acq: 17 Aug 2018 12:44

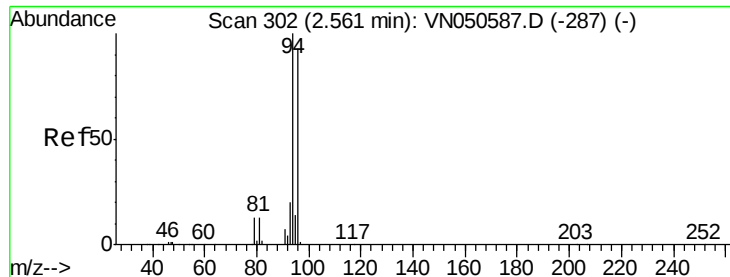
Tgt Ion: 62 Resp: 166106

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 17.96 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

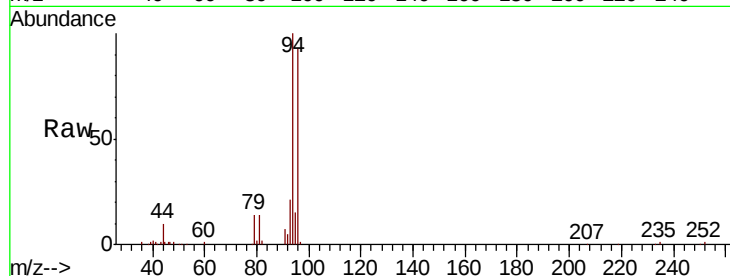
ClientSampled :

Tot Ion: 94 Resp: 94341

Ion Ratio Lower Upper

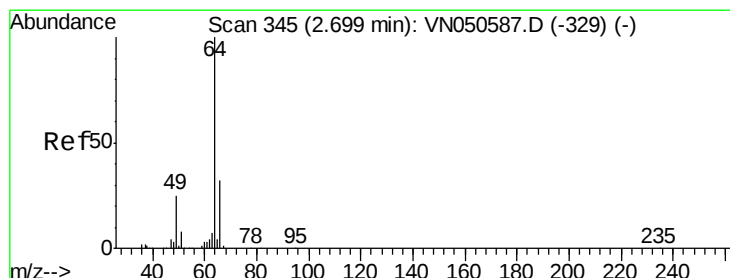
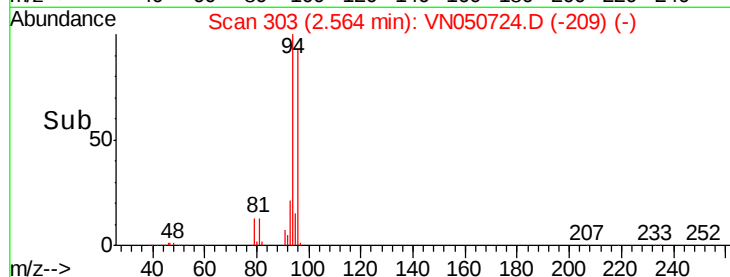
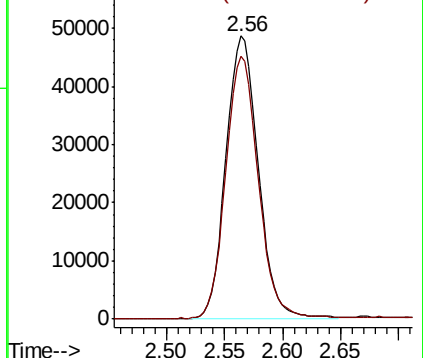
94 100

96 92.4 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.32 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050724.D

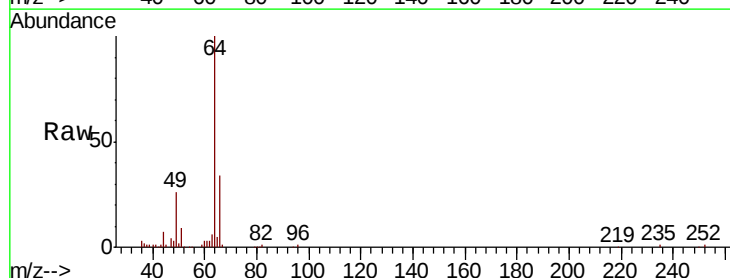
Acq: 17 Aug 2018 12:44

Tgt Ion: 64 Resp: 102561

Ion Ratio Lower Upper

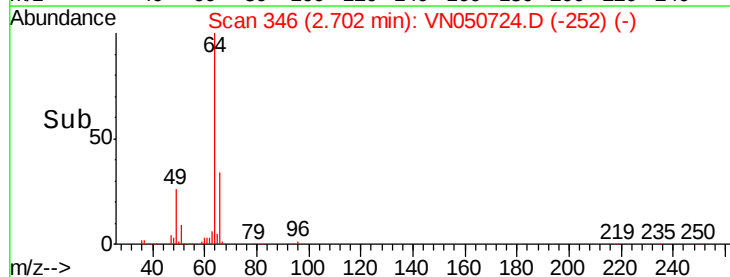
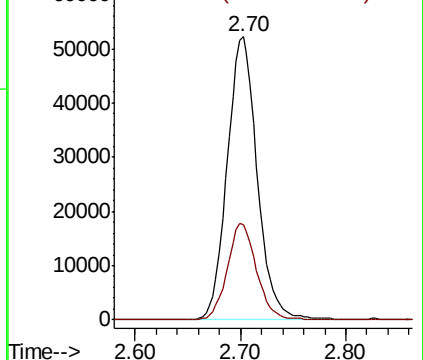
64 100

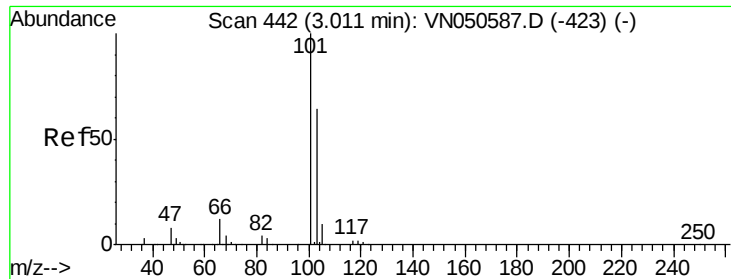
66 33.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



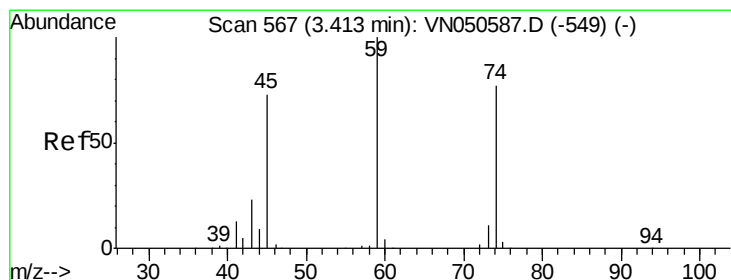
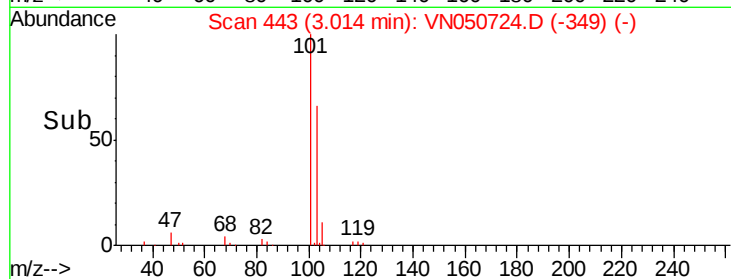
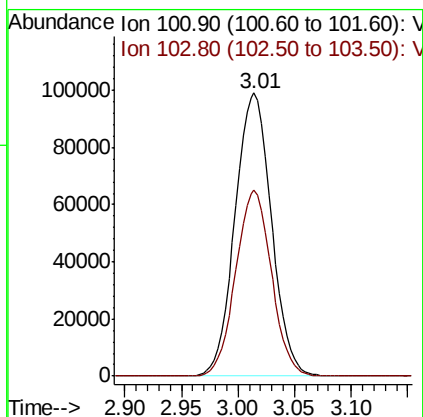
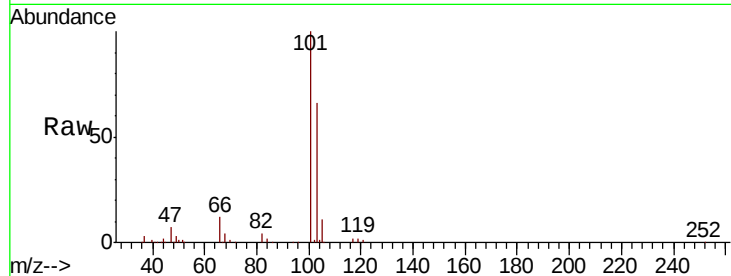


#7

Trichlorofluoromethane
 Concen: 18.61 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Instrument :
 MSVOA_N
 ClientSampled :

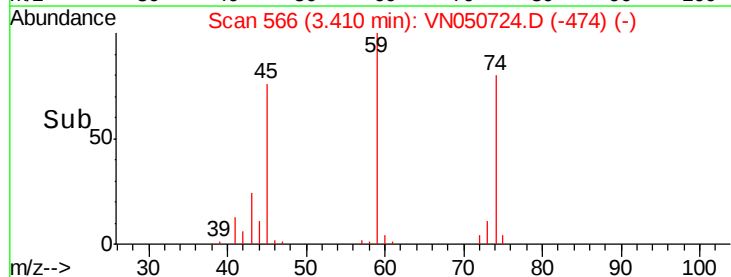
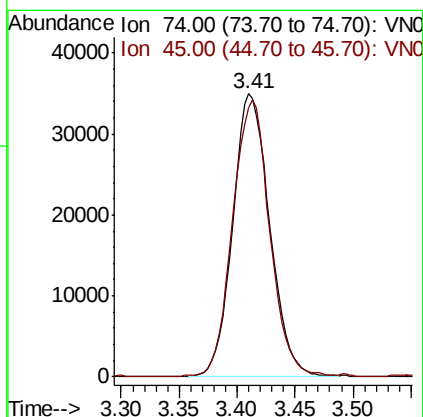
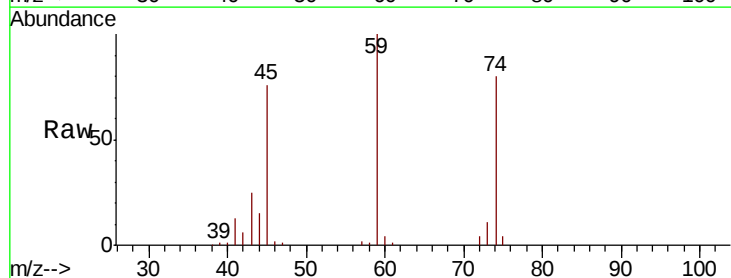
Tot Ion:101 Resp: 222149
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

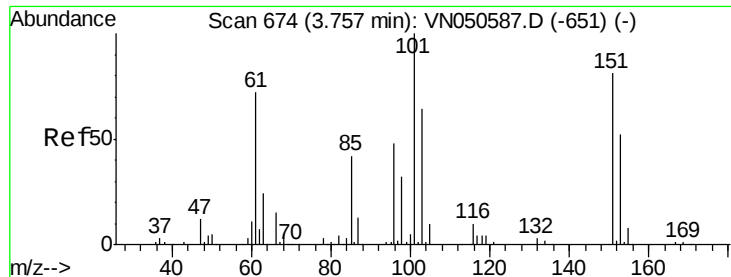


#8

Diethyl Ether
 Concen: 19.50 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 74 Resp: 77398
 Ion Ratio Lower Upper
 74 100
 45 98.7 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.12 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

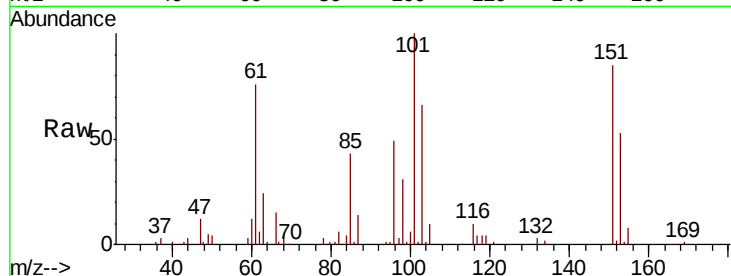
Tot Ion:101 Resp: 138030

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

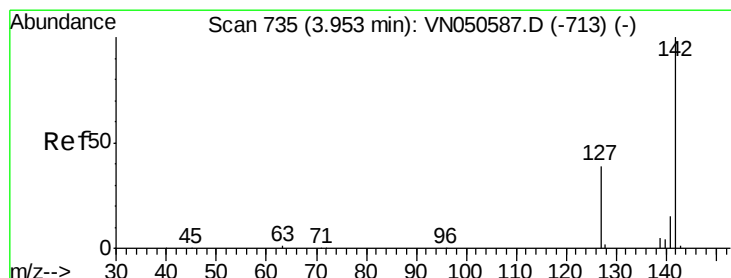
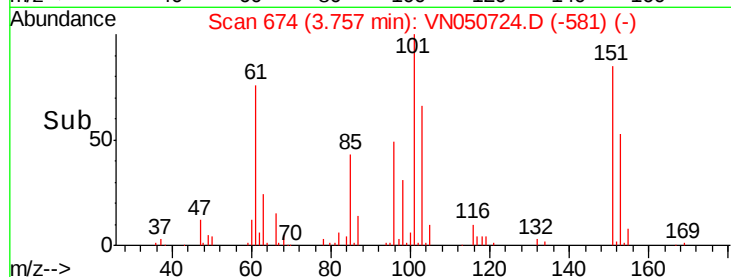
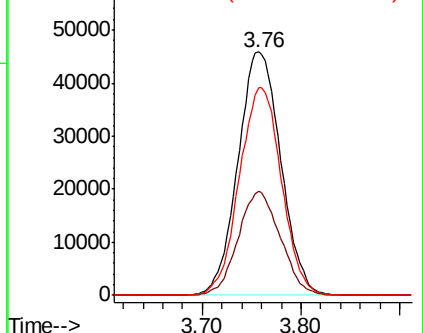
151 83.9 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.30 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

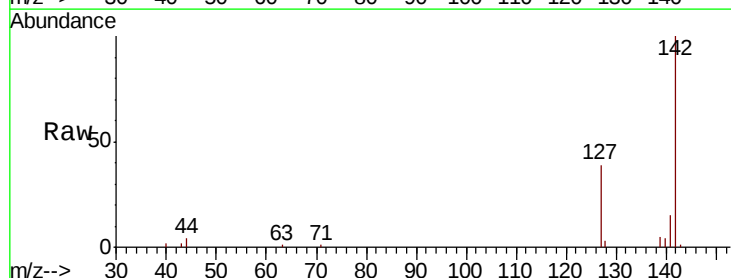
Tgt Ion:142 Resp: 79531

Ion Ratio Lower Upper

142 100

127 41.6 32.6 49.0

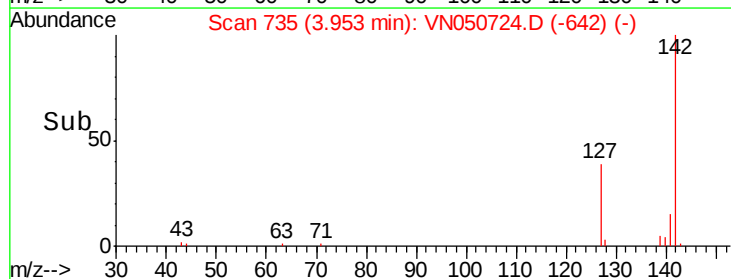
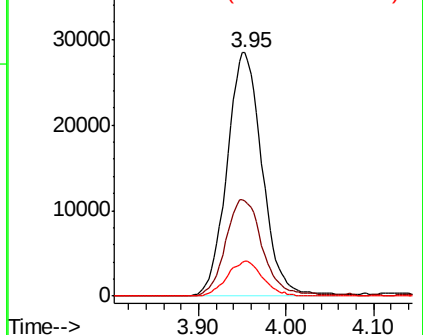
141 14.5 11.5 17.3

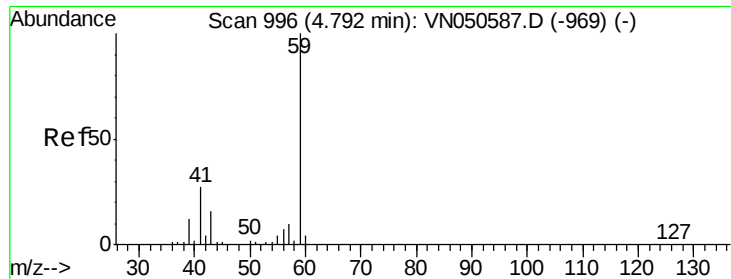


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

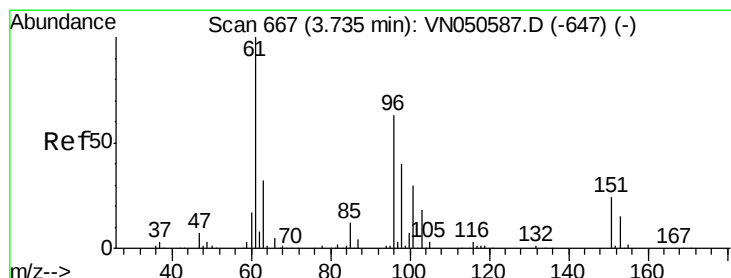
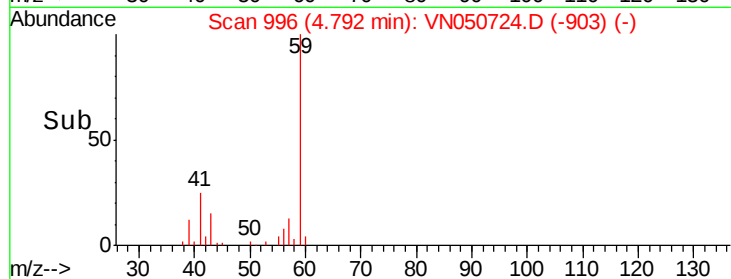
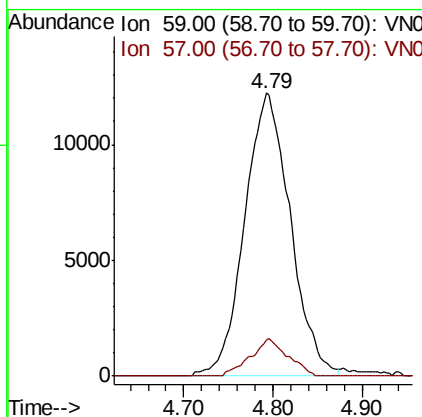
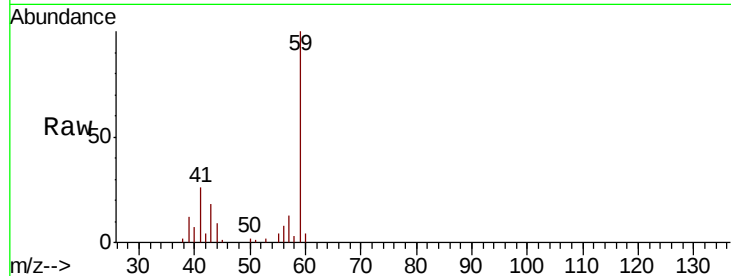




#11
Tert butyl alcohol
Concen: 104.04 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

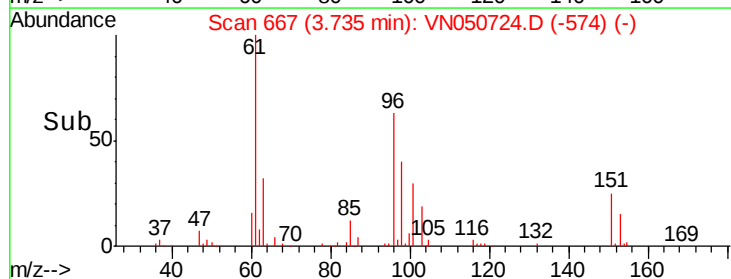
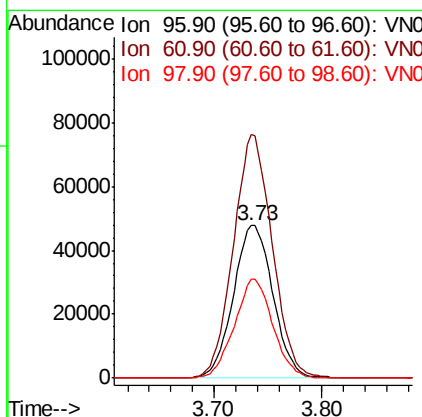
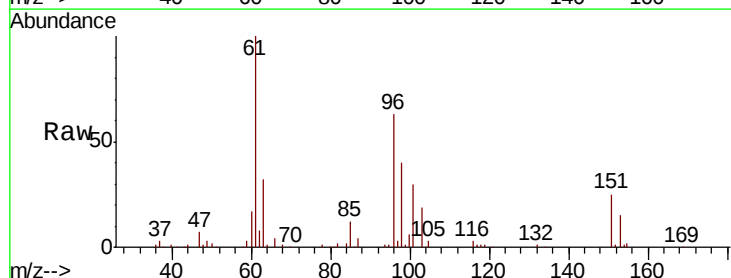
Instrument :
MSVOA_N
ClientSampled :

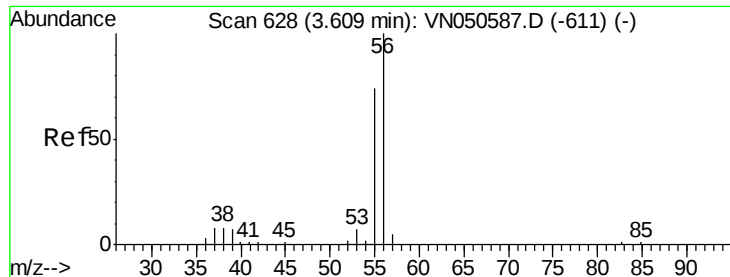
Tot Ion: 59 Resp: 43492
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.55 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 96 Resp: 122231
Ion Ratio Lower Upper
96 100
61 159.3 126.9 190.3
98 64.5 51.1 76.7





#13

Acrolein

Concen: 54.11 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

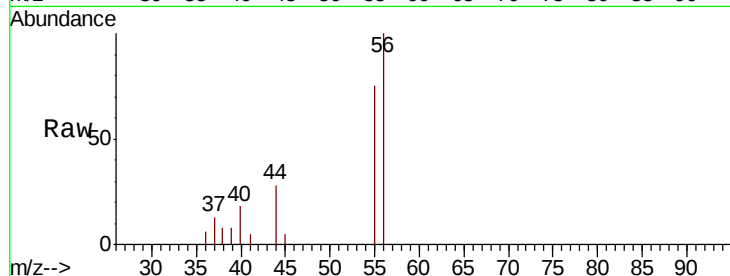
ClientSampleId :

Tot Ion: 56 Resp: 9870

Ion Ratio Lower Upper

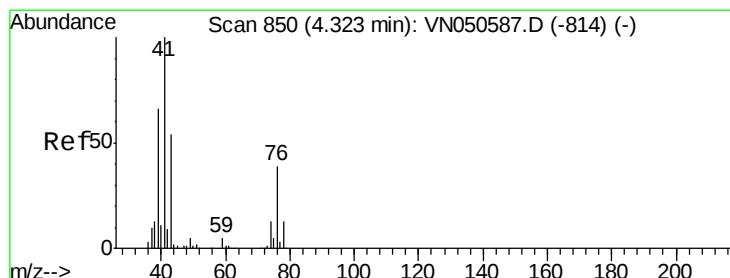
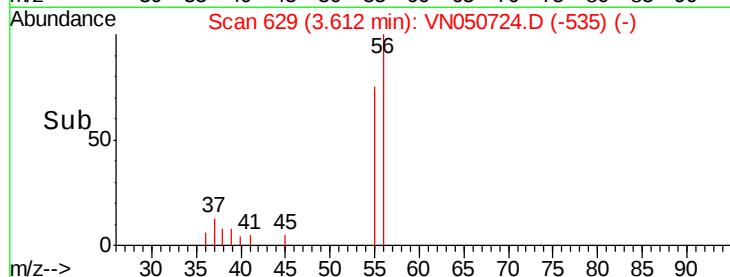
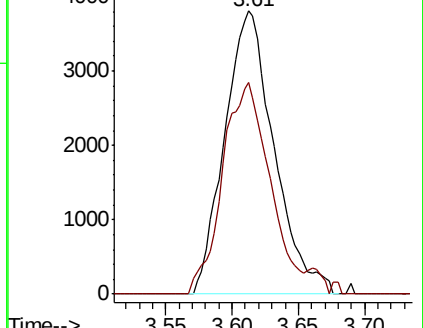
56 100

55 71.2 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN050724.D (-611) (-)

Ion 55.00 (54.70 to 55.70): VN050724.D (-611) (-)



#14

Allyl chloride

Concen: 18.90 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

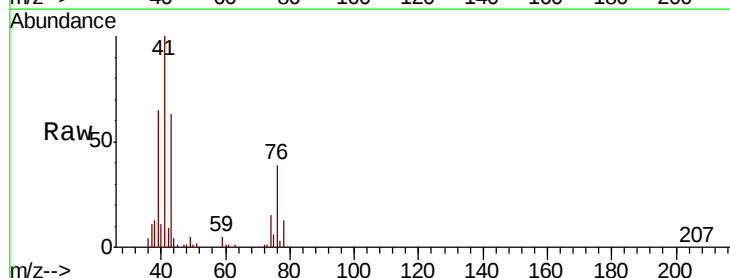
Tgt Ion: 41 Resp: 193729

Ion Ratio Lower Upper

41 100

39 62.8 51.4 77.0

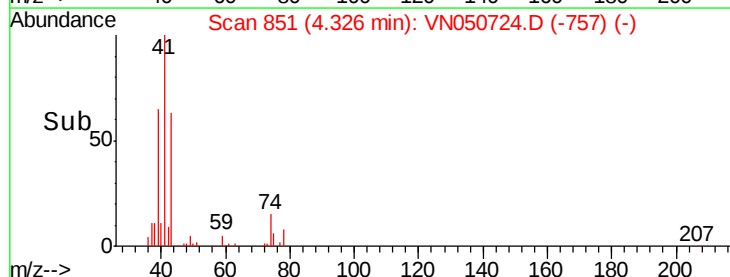
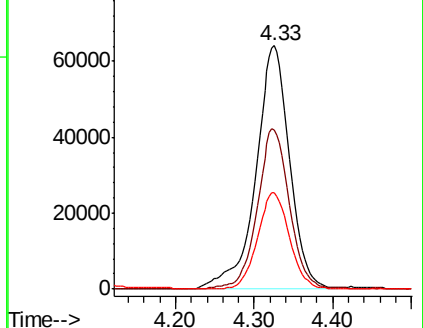
76 36.7 29.4 44.0

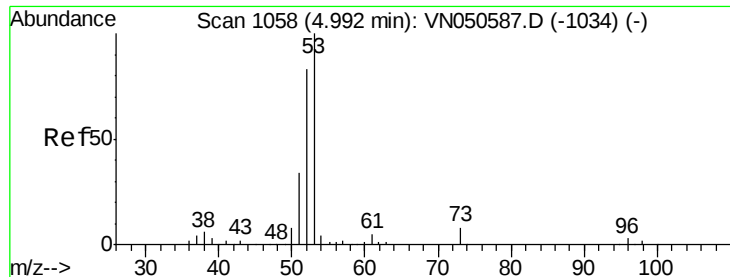


Abundance Ion 41.00 (40.70 to 41.70): VN050724.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN050724.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN050724.D (-757) (-)





#15

Acrylonitrile

Concen: 99.21 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

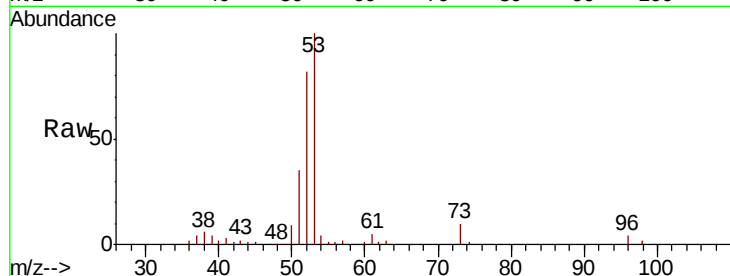
Tot Ion: 53 Resp: 227779

Ion Ratio Lower Upper

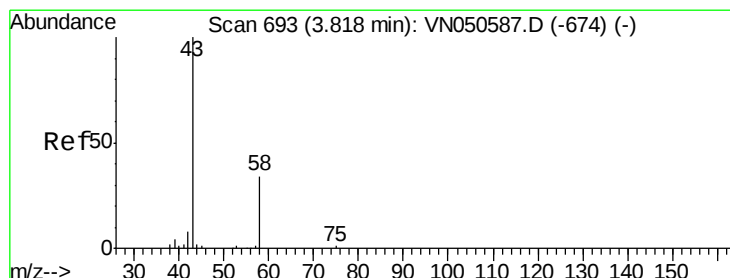
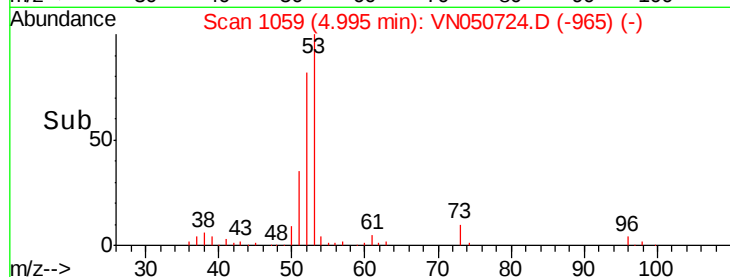
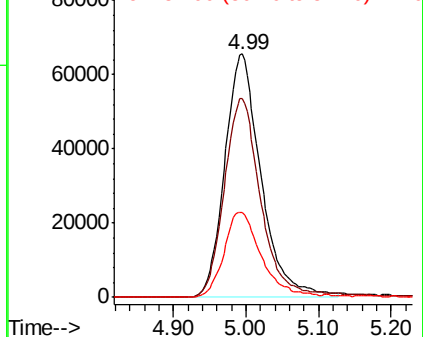
53 100

52 82.9 66.2 99.2

51 36.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 103.48 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050724.D

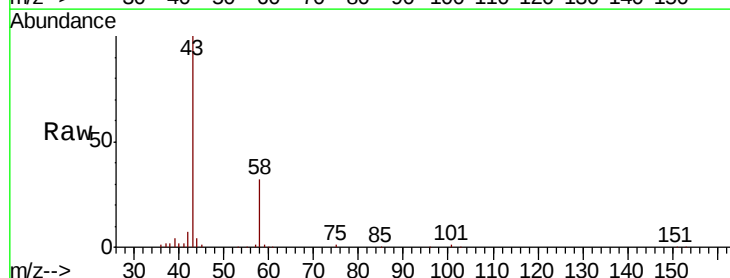
Acq: 17 Aug 2018 12:44

Tgt Ion: 43 Resp: 199436

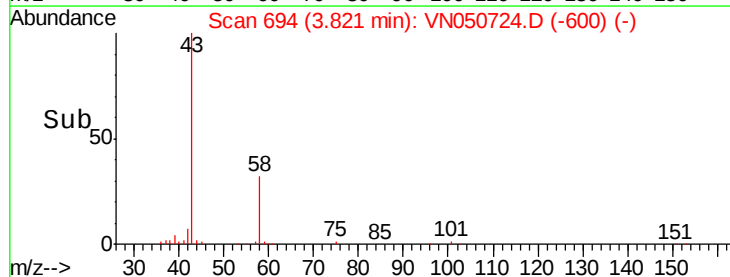
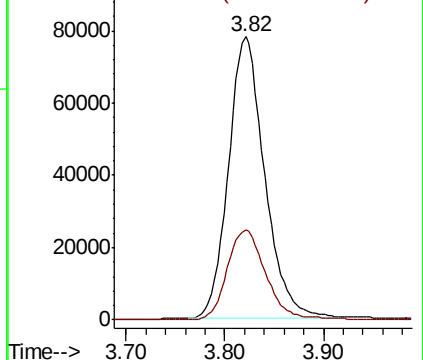
Ion Ratio Lower Upper

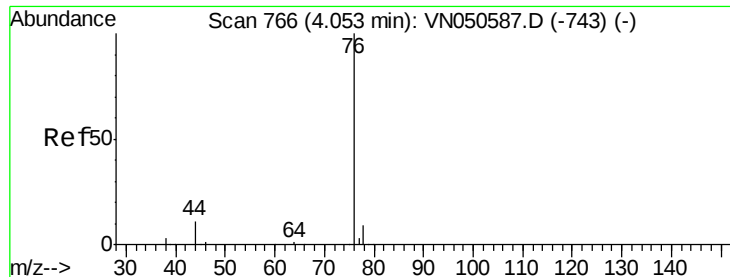
43 100

58 31.7 27.1 40.7



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

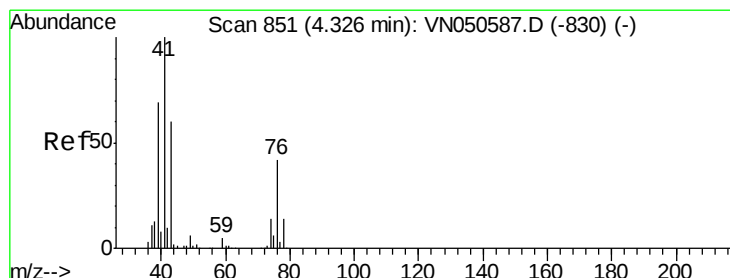
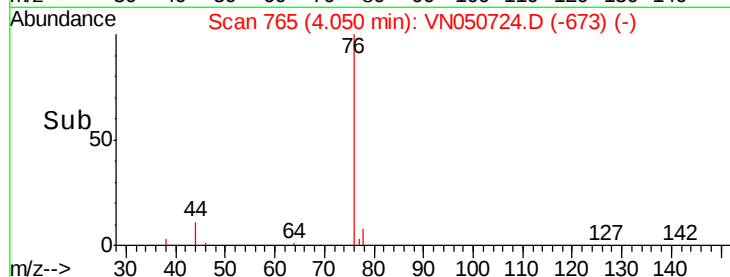
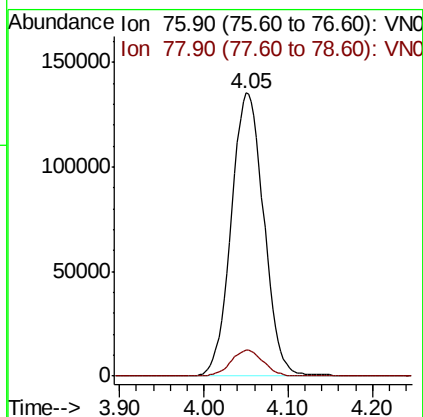
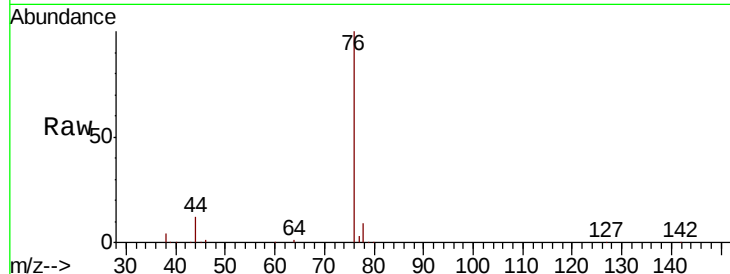




#17
Carbon Disulfide
Concen: 17.58 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

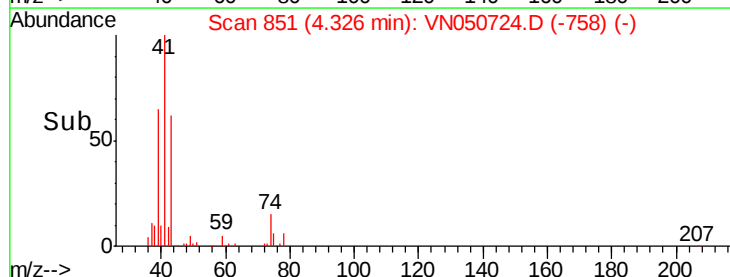
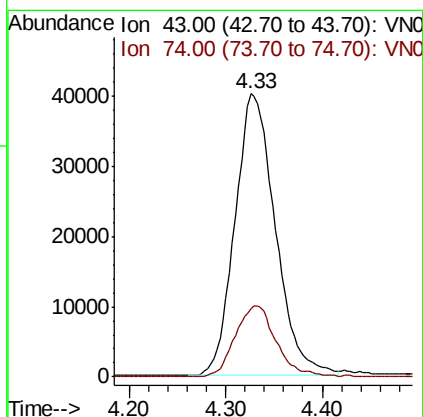
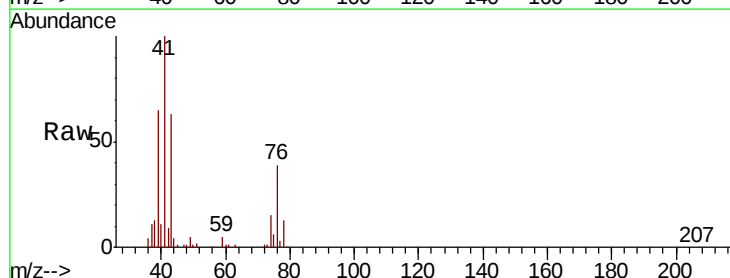
Instrument :
MSVOA_N
ClientSampled :

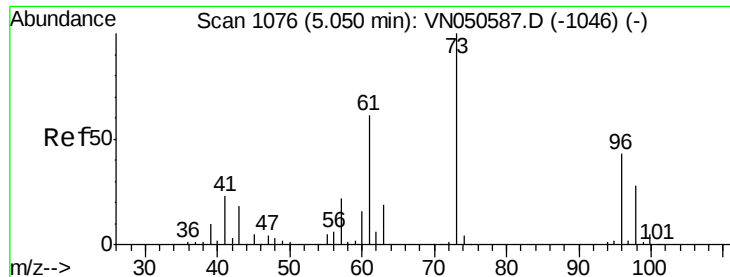
Tot Ion: 76 Resp: 364595
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 21.17 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 43 Resp: 116896
Ion Ratio Lower Upper
43 100
74 25.4 19.7 29.5

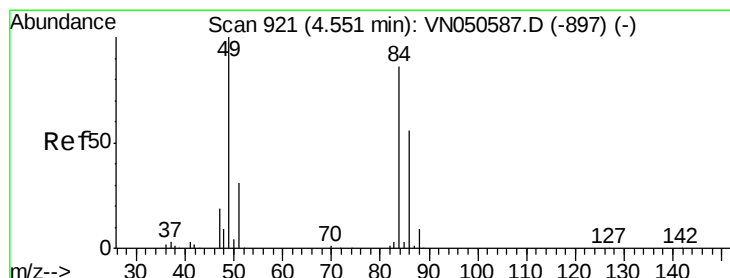
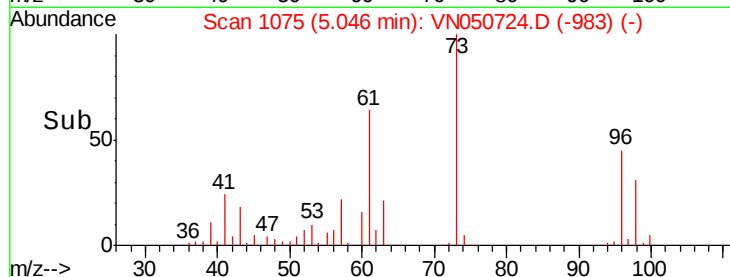
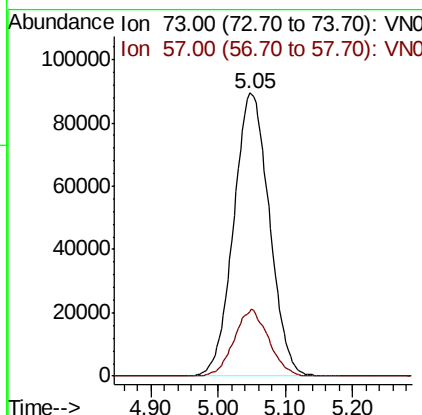
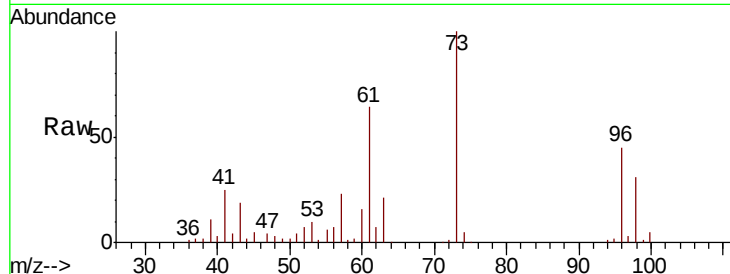




#19
Methyl tert-butyl Ether
Concen: 19.65 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

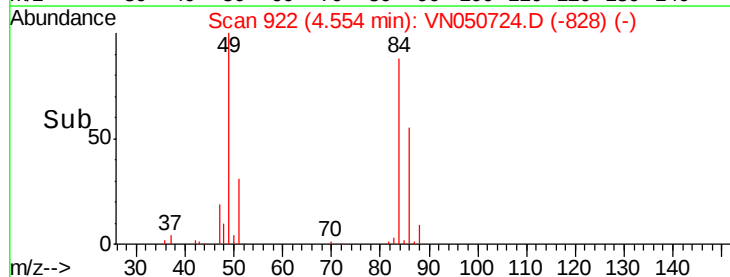
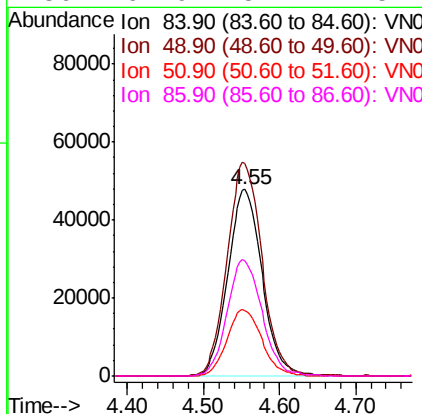
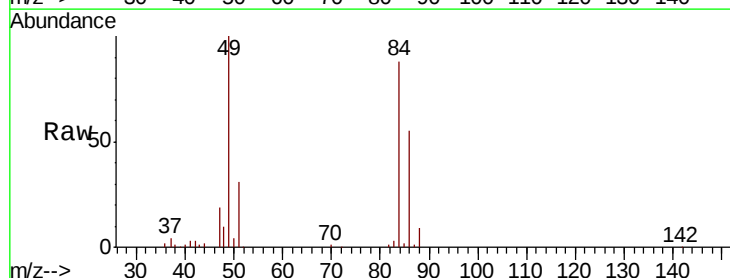
Instrument :
MSVOA_N
ClientSampled :

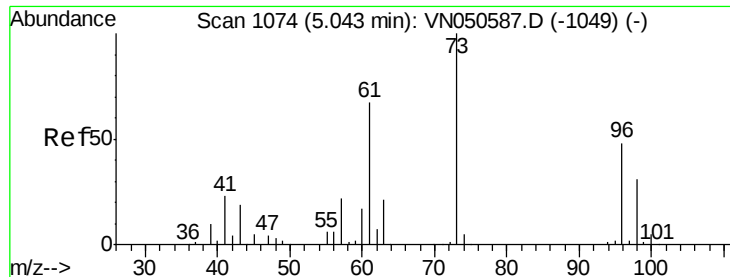
Tot Ion: 73 Resp: 329653
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 19.86 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 84 Resp: 150078
Ion Ratio Lower Upper
84 100
49 113.6 92.6 138.8
51 35.2 28.6 43.0
86 61.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.66 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampled :

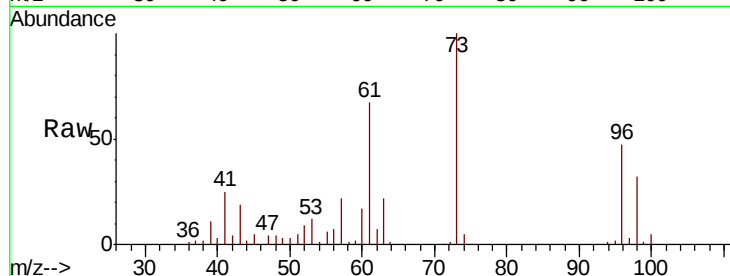
Tot Ion: 96 Resp: 133312

Ion Ratio Lower Upper

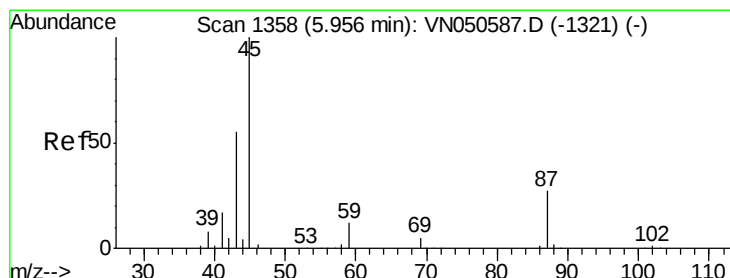
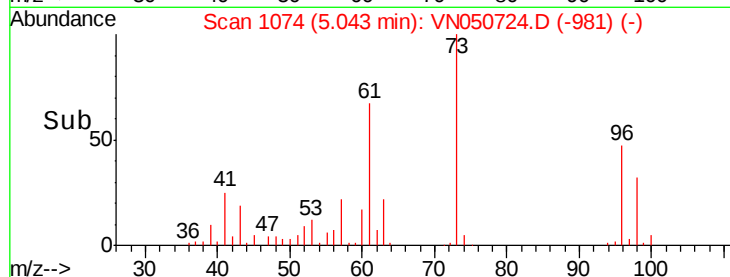
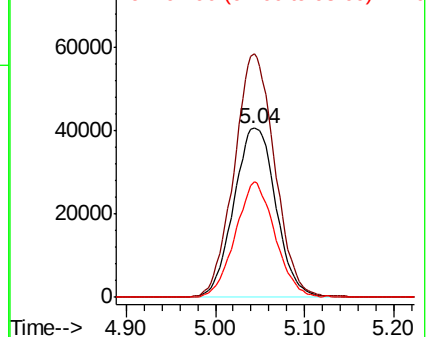
96 100

61 143.4 111.2 166.8

98 68.4 51.6 77.4



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: 20.31 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Tgt Ion: 45 Resp: 426820

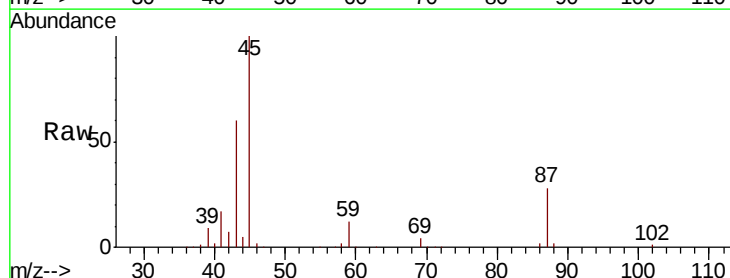
Ion Ratio Lower Upper

45 100

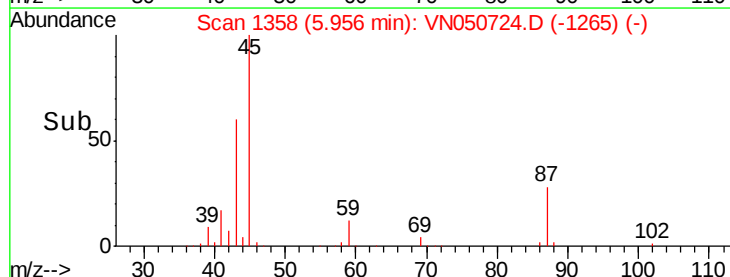
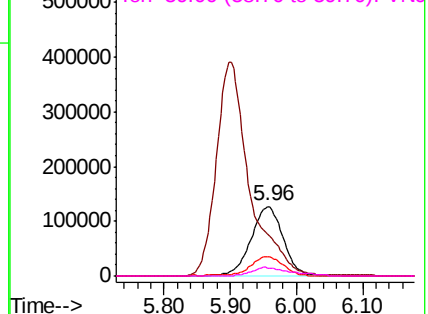
43 58.7 44.5 66.7

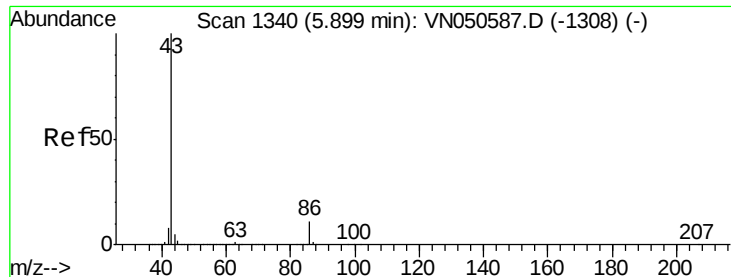
87 28.4 22.2 33.2

59 11.7 9.5 14.3



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: 98.82 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

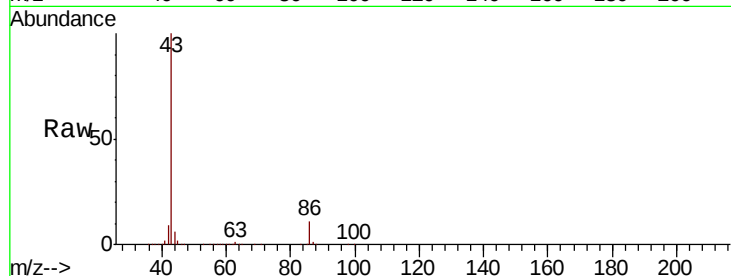
ClientSampled :

Tot Ion: 43 Resp: 1358706

Ion Ratio Lower Upper

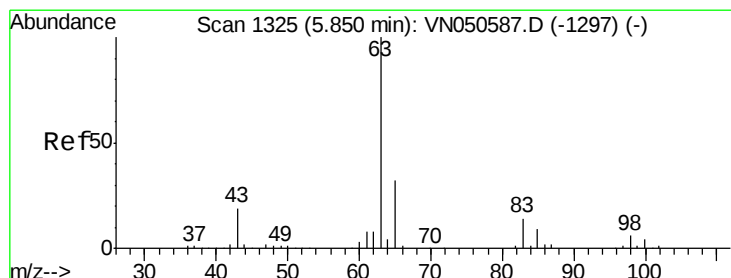
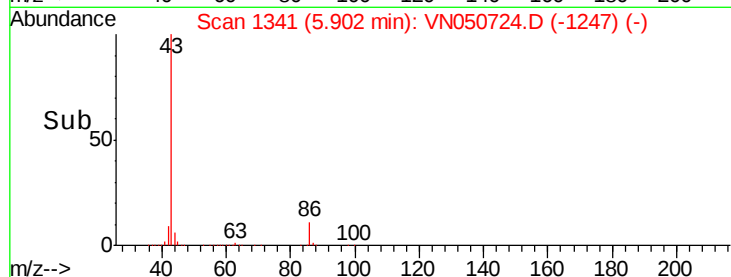
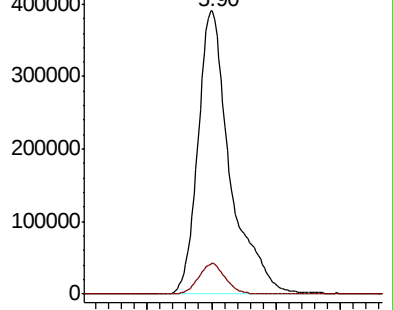
43 100

86 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.03 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

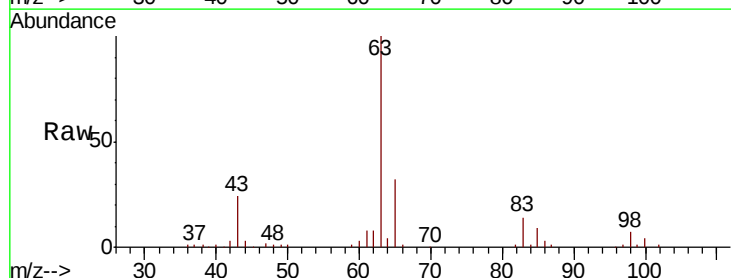
Tgt Ion: 63 Resp: 258857

Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

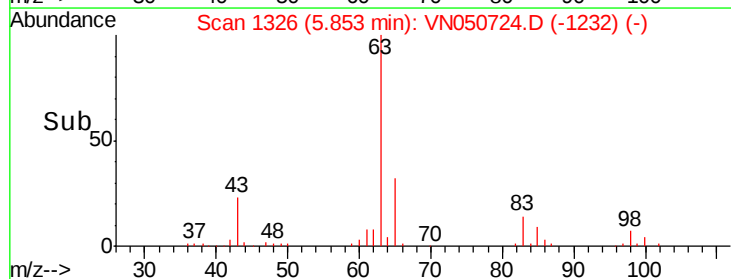
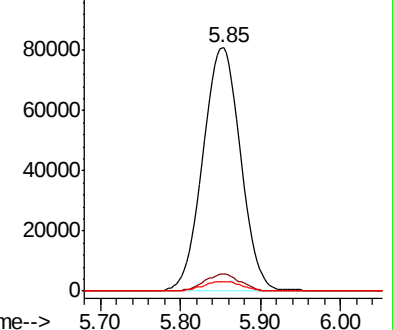
100 4.0 2.1 6.5

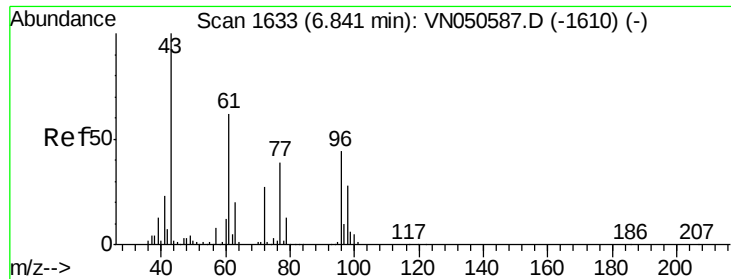


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

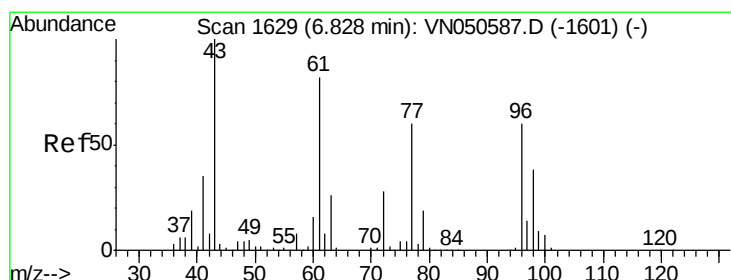
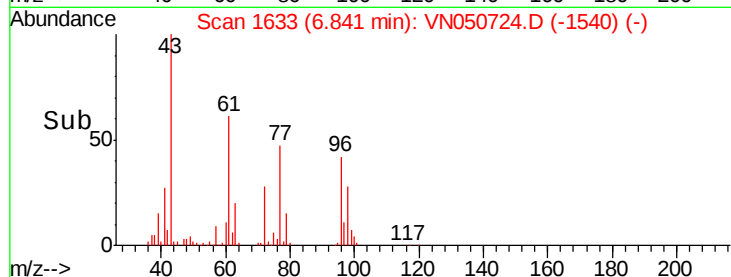
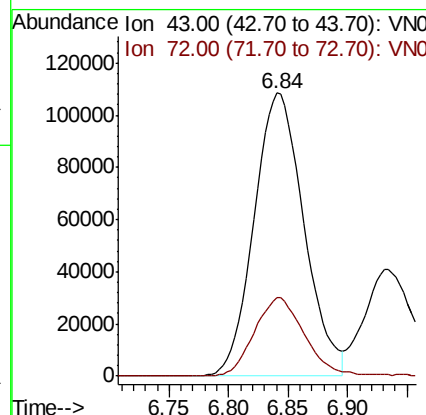
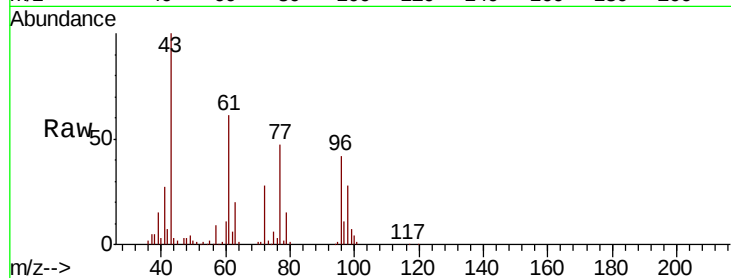




#25
 2-Butanone
 Concen: 99.91 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

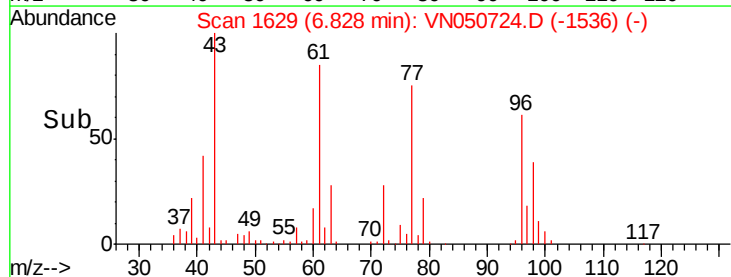
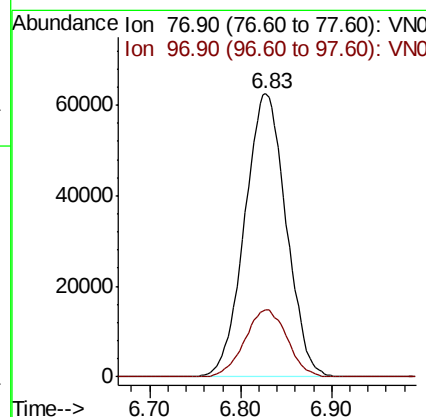
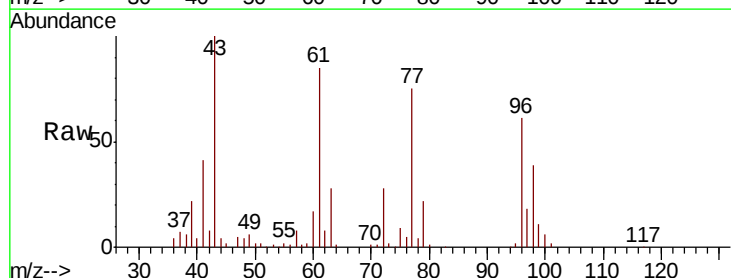
Instrument :
 MSVOA_N
 ClientSampleId :

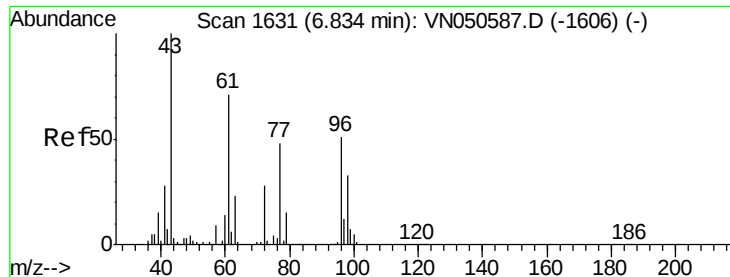
Tot Ion: 43 Resp: 313615
 Ion Ratio Lower Upper
 43 100
 72 27.8 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 21.72 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 77 Resp: 197698
 Ion Ratio Lower Upper
 77 100
 97 24.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 18.85 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

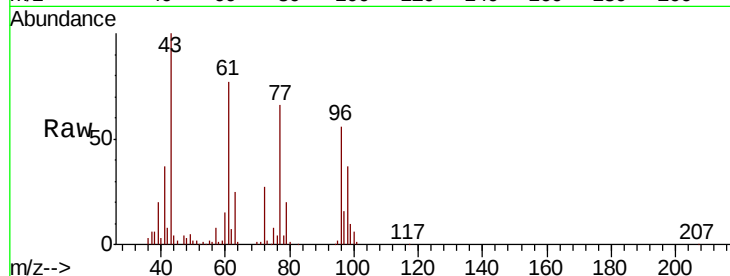
Tot Ion: 96 Resp: 149964

Ion Ratio Lower Upper

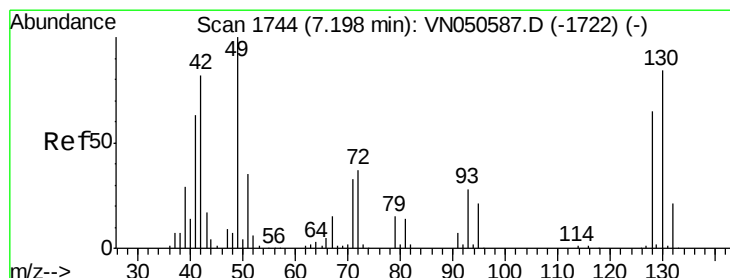
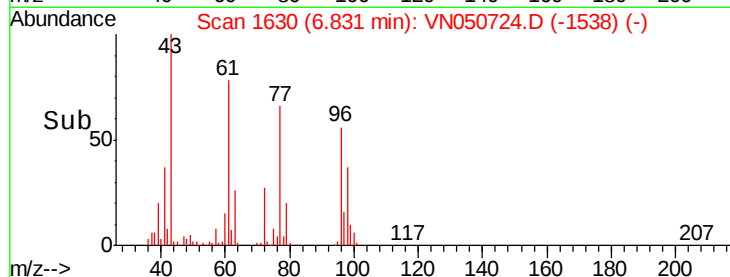
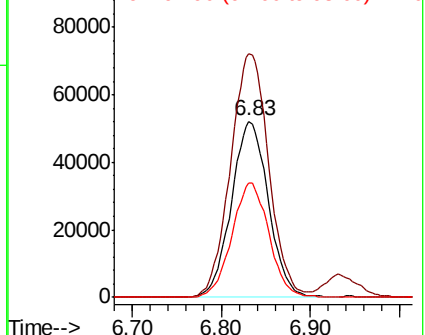
96 100

61 142.9 0.0 278.2

98 65.2 0.0 128.8



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: 19.02 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

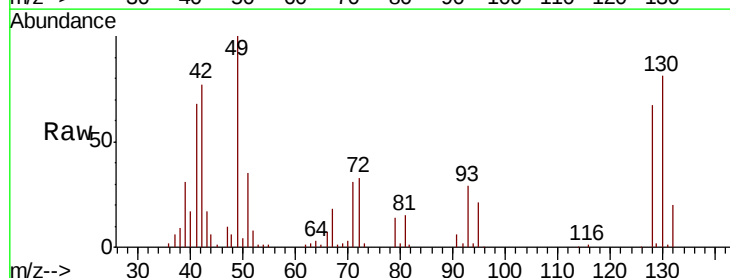
Tgt Ion: 49 Resp: 117734

Ion Ratio Lower Upper

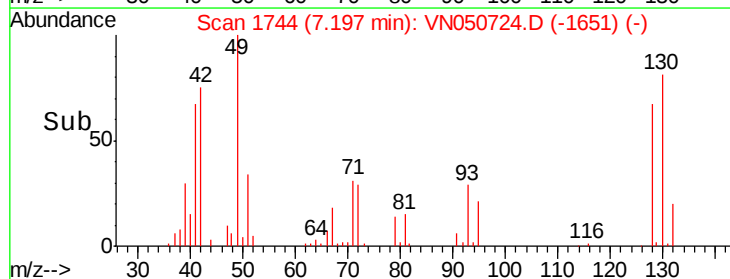
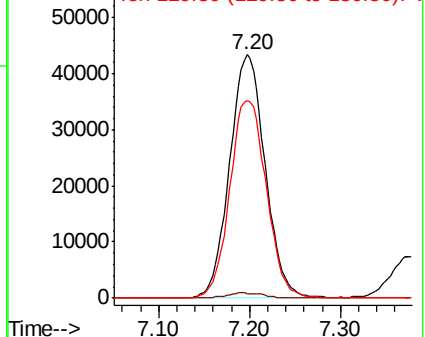
49 100

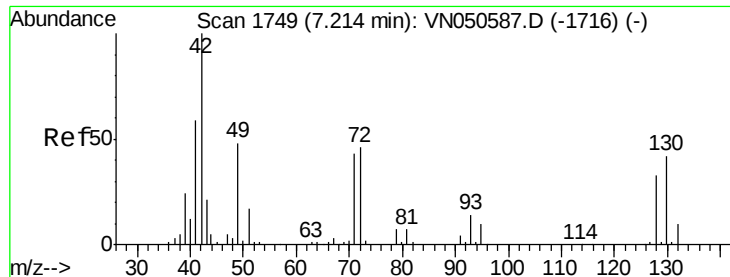
129 2.1 0.0 4.2

130 83.4 66.8 100.2



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: 103.44 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

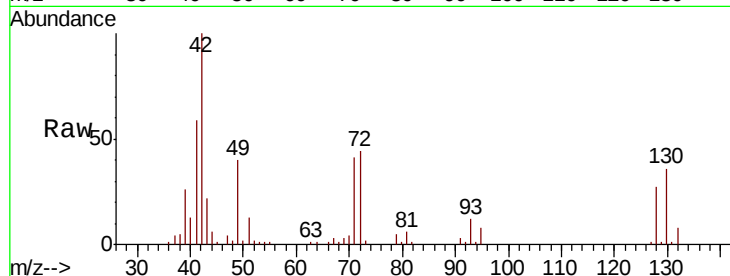
Tot Ion: 42 Resp: 169532

Ion Ratio Lower Upper

42 100

72 43.5 35.8 53.6

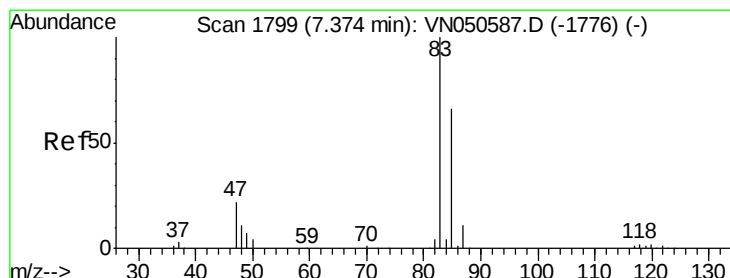
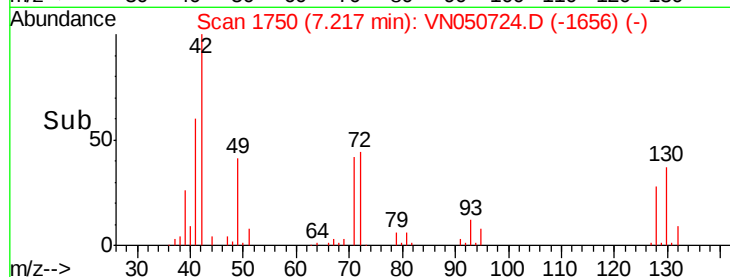
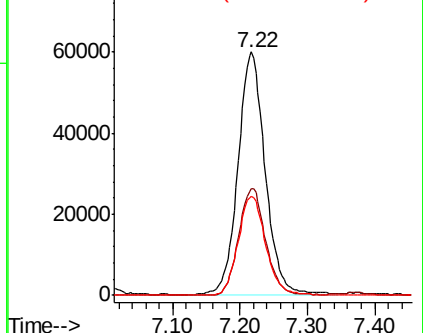
71 40.6 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.95 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050724.D

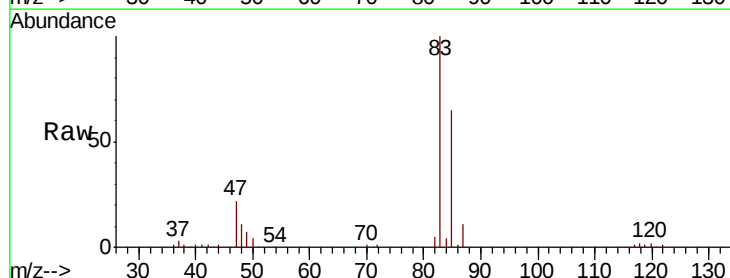
Acq: 17 Aug 2018 12:44

Tgt Ion: 83 Resp: 261121

Ion Ratio Lower Upper

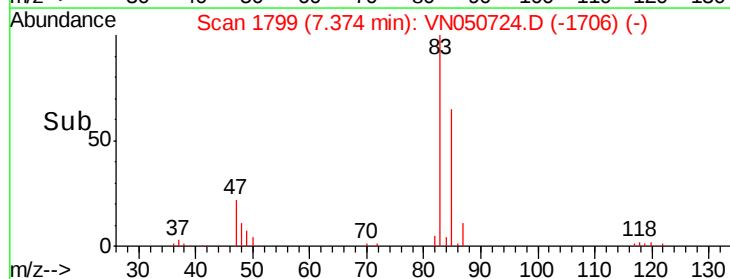
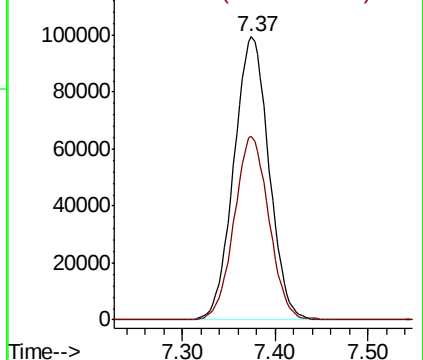
83 100

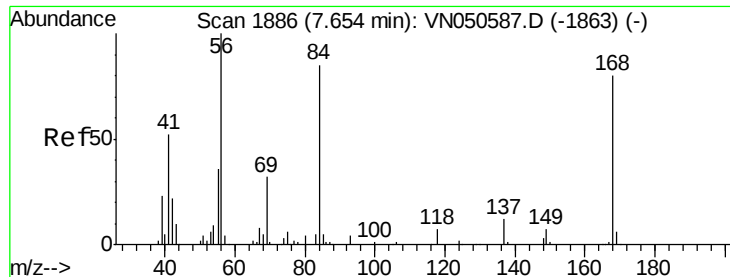
85 65.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.90 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

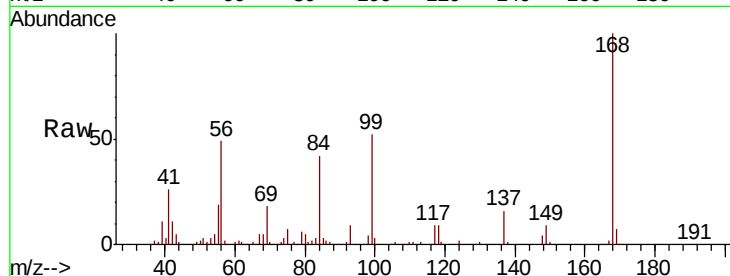
Tot Ion: 56 Resp: 221854

Ion Ratio Lower Upper

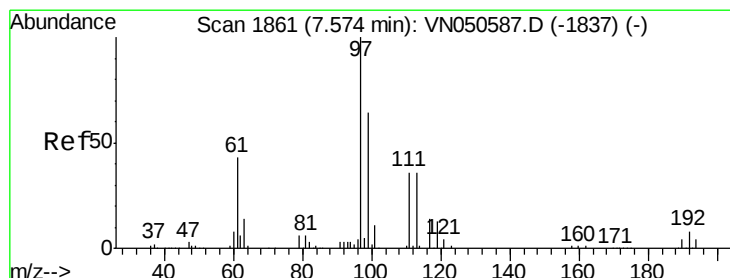
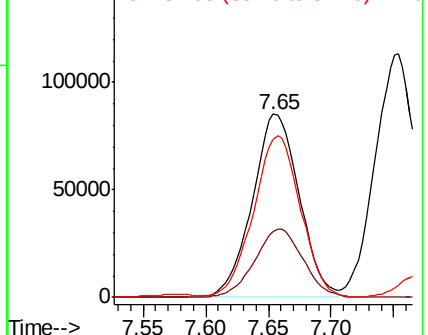
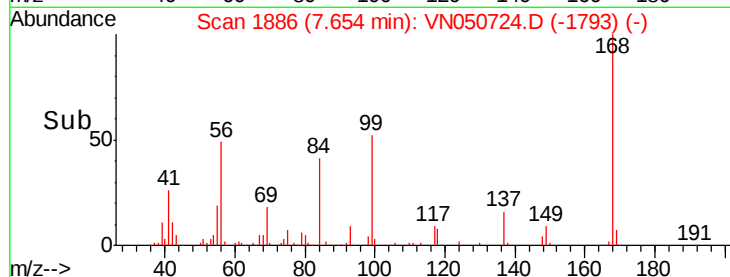
56 100

69 36.0 25.8 38.6

84 85.0 67.8 101.6



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: 18.68 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

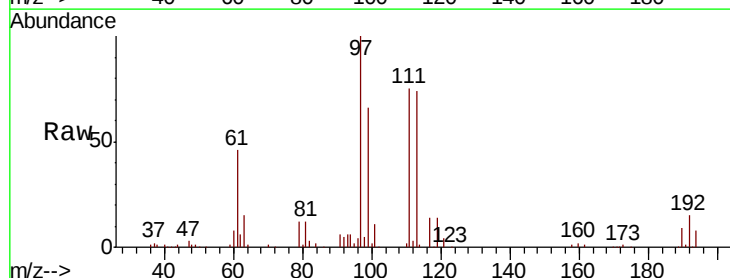
Tgt Ion: 97 Resp: 216736

Ion Ratio Lower Upper

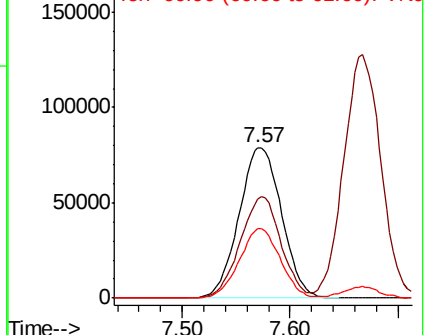
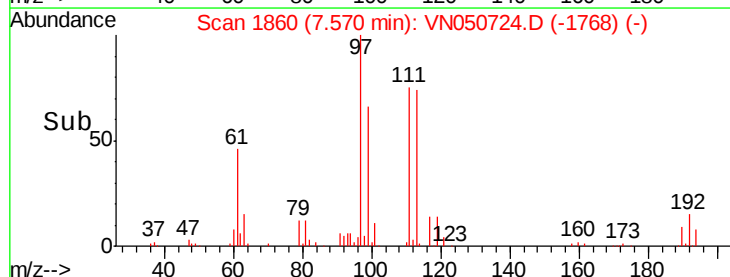
97 100

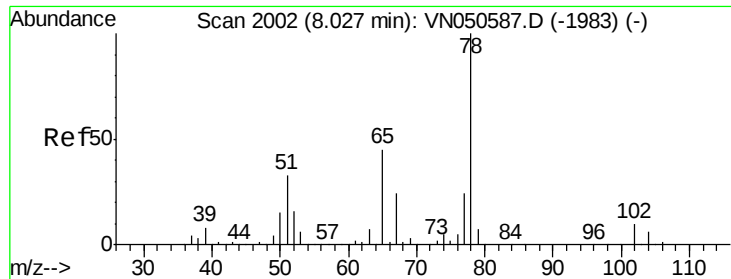
99 64.6 51.1 76.7

61 44.7 34.8 52.2



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

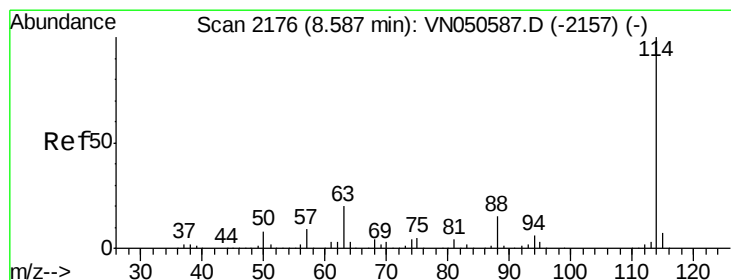
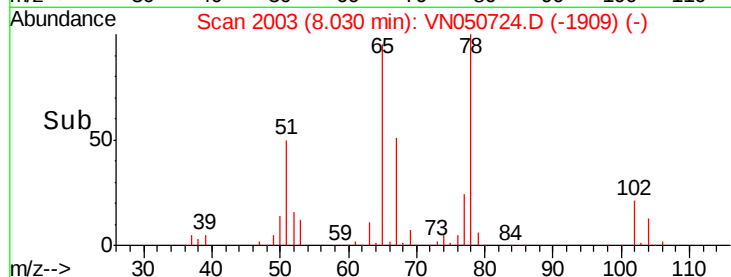
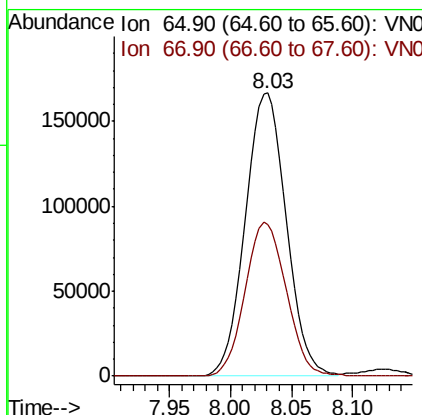
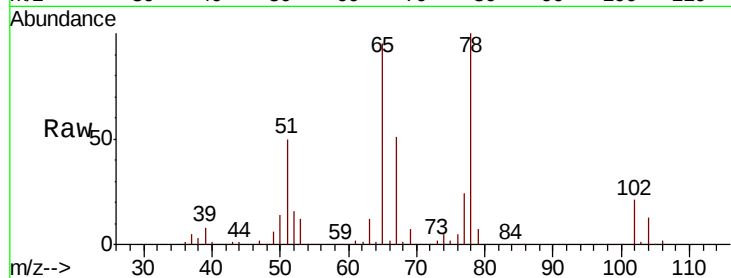




#33
 1,2-Dichloroethane-d4
 Concen: 50.62 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

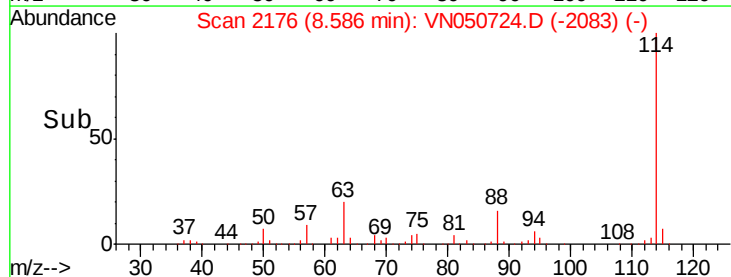
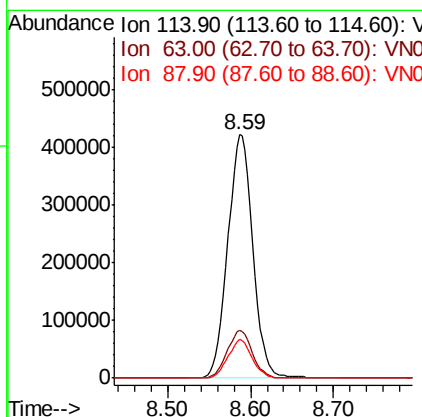
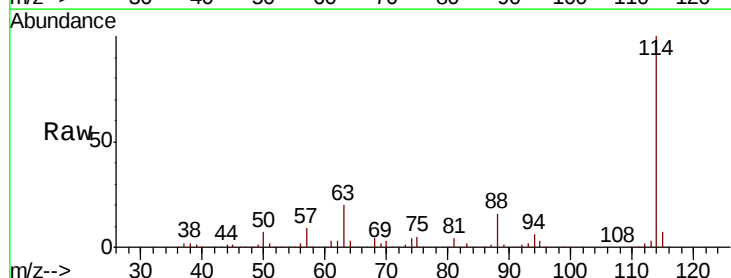
Instrument :
 MSVOA_N
 ClientSampled :

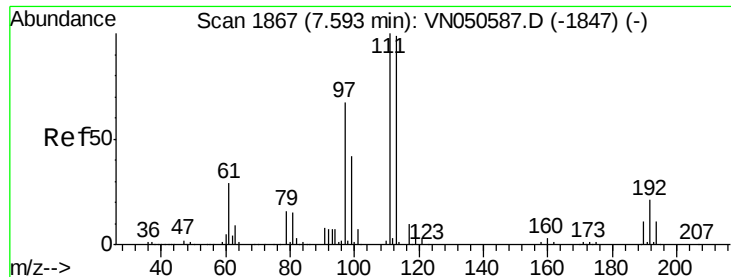
Tot Ion: 65 Resp: 387506
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 114 Resp: 887637
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.8 0.0 30.8

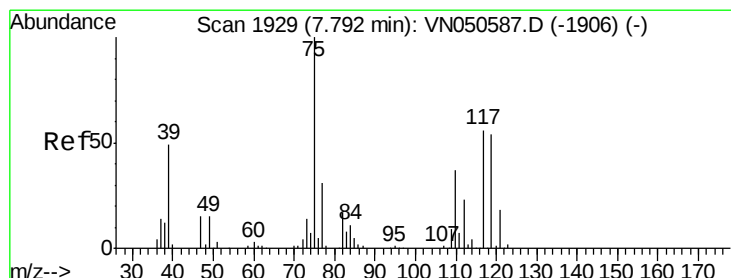
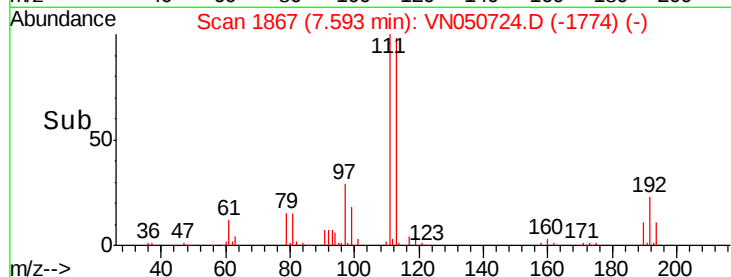
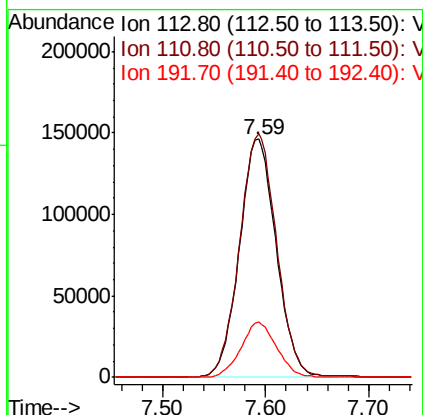
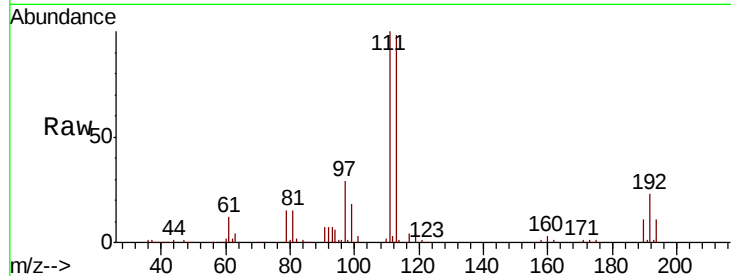




#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

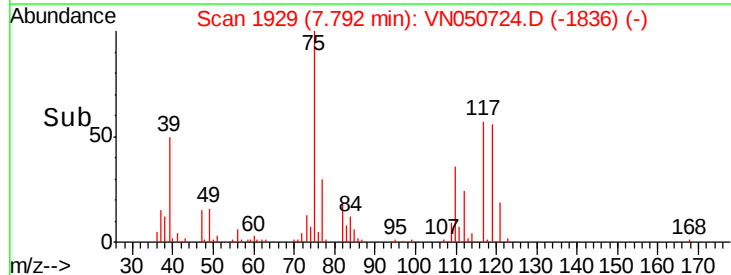
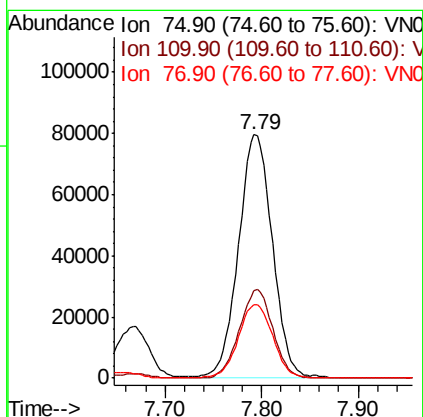
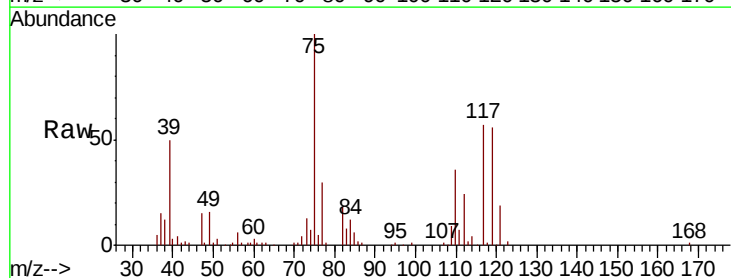
Instrument :
MSVOA_N
ClientSampleId :

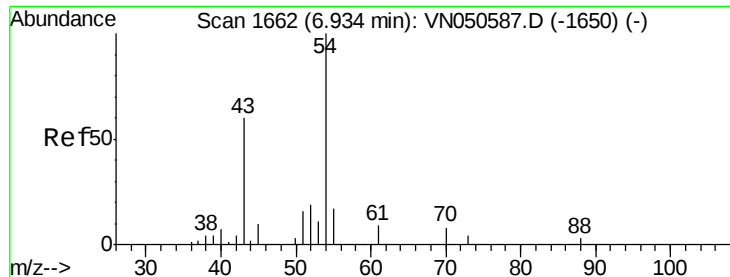
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	22.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 19.57 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.3	54.9
77	31.0	25.0	37.4

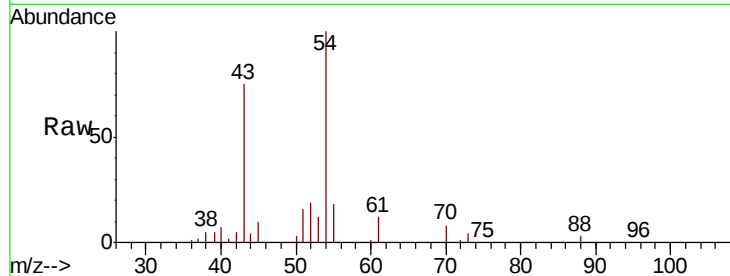




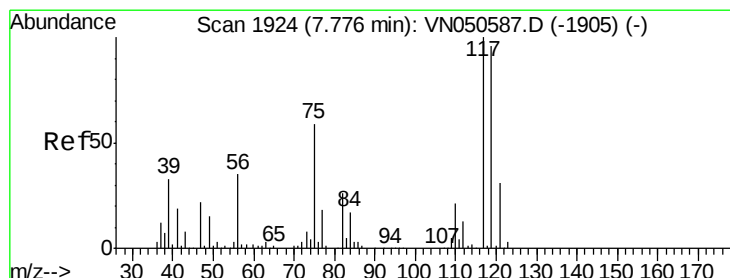
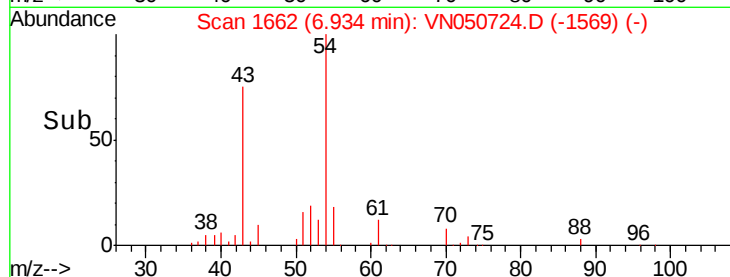
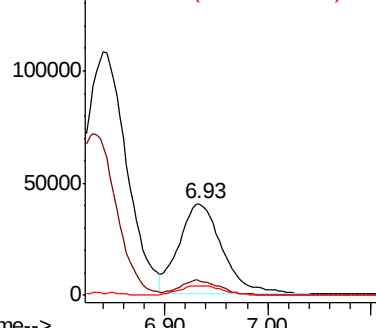
#37
Ethyl Acetate
Concen: 21.12 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 117937
Ion Ratio Lower Upper
43 100
61 14.4 12.0 18.0
70 4.9 8.5 12.7#

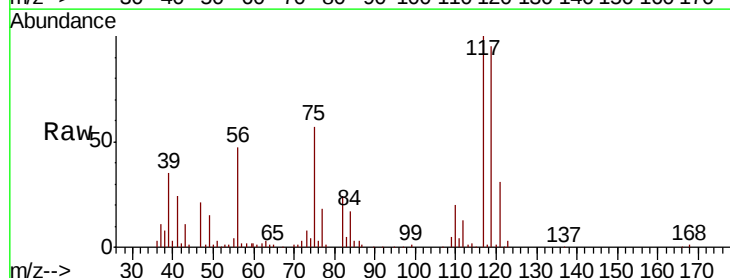


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

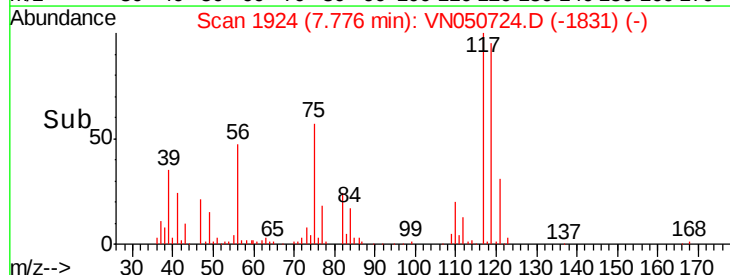
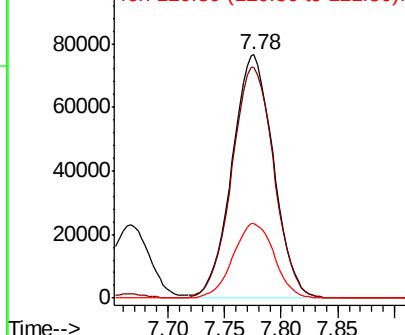


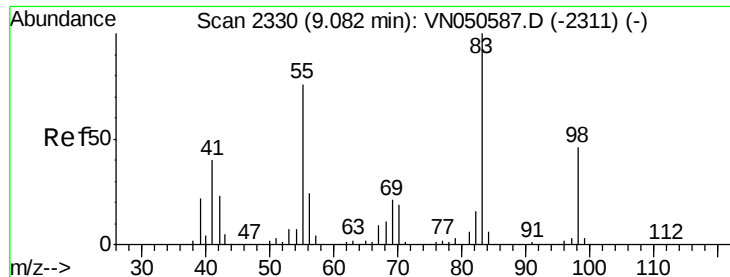
#38
Carbon Tetrachloride
Concen: 19.00 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 117 Resp: 194792
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
121 30.6 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

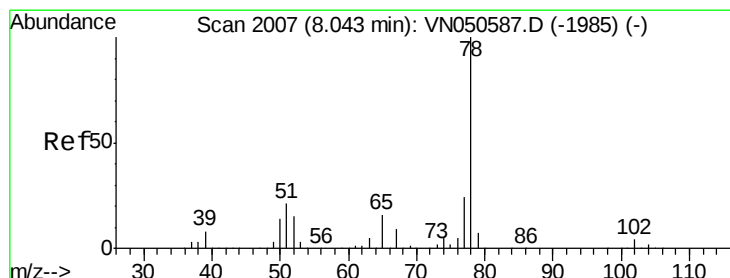
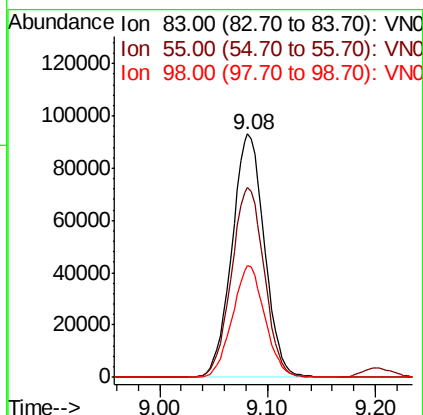
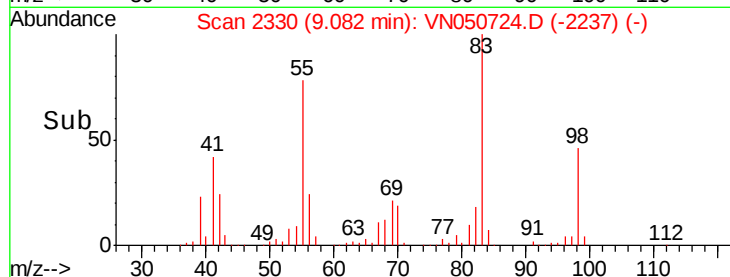
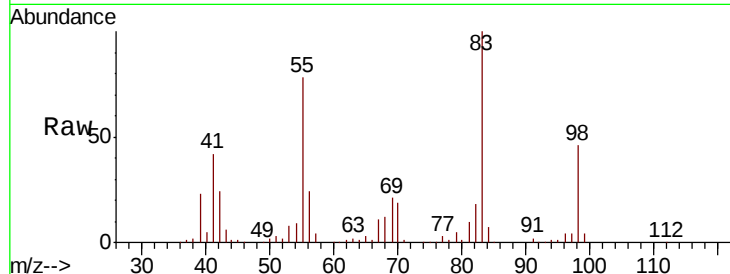




#39
Methvlcvclohexane
Concen: 19.11 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

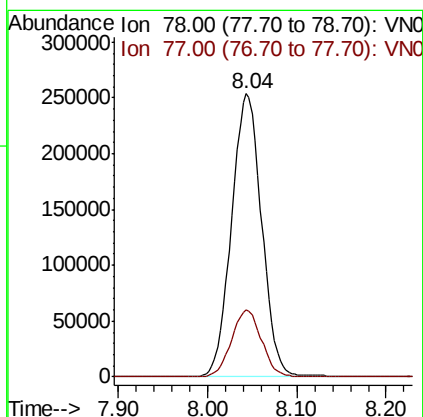
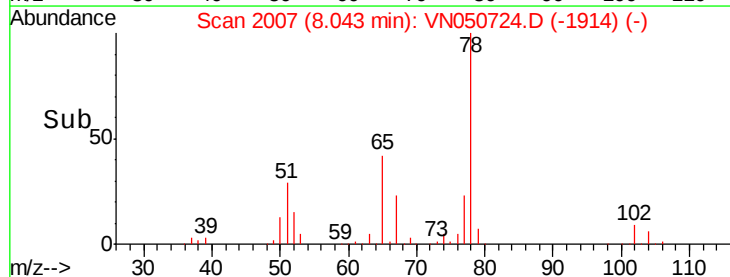
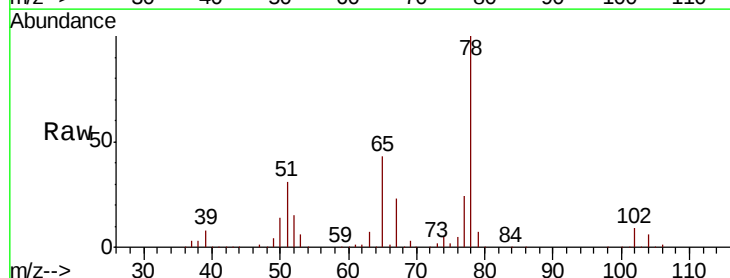
Instrument :
MSVOA_N
ClientSampleId :

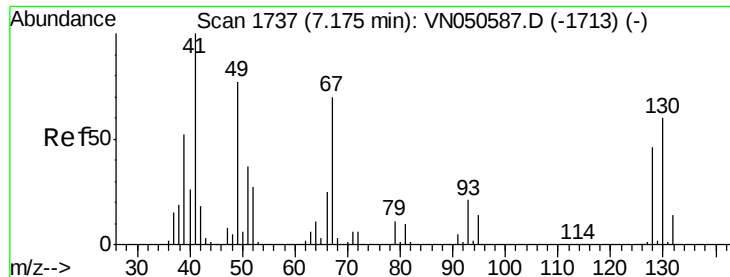
Tot Ion: 83 Resp: 195485
Ion Ratio Lower Upper
83 100
55 78.1 60.6 91.0
98 46.0 37.0 55.4



#40
Benzene
Concen: 19.79 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 78 Resp: 595000
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41

Methacrylonitrile

Concen: 20.35 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.01 min

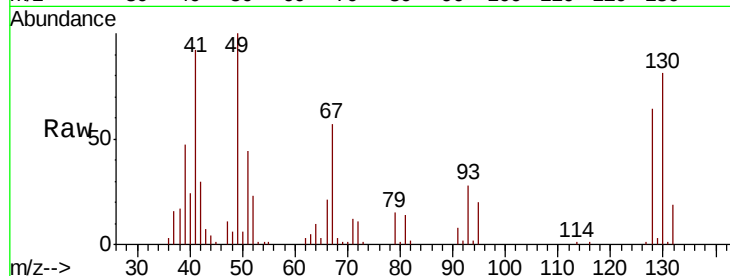
Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

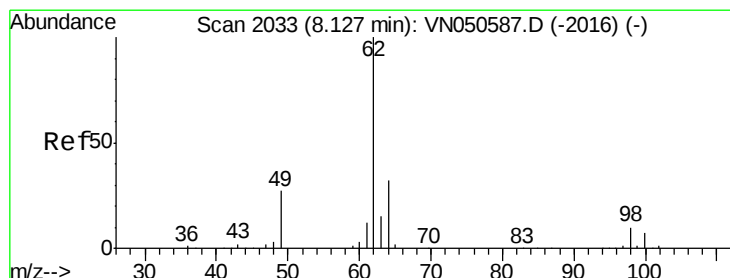
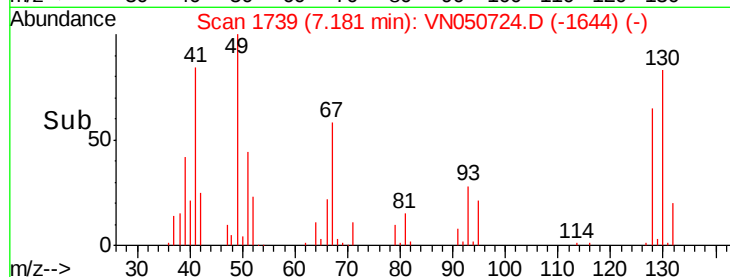
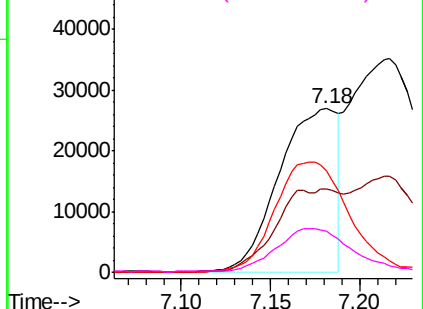
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 61459

Ion	Ratio	Lower	Upper
41	100		
39	36.0	44.6	66.8#
67	86.3	66.7	100.1
52	32.9	26.5	39.7



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: 19.76 ug/l

RT: 8.13 min Scan# 2033

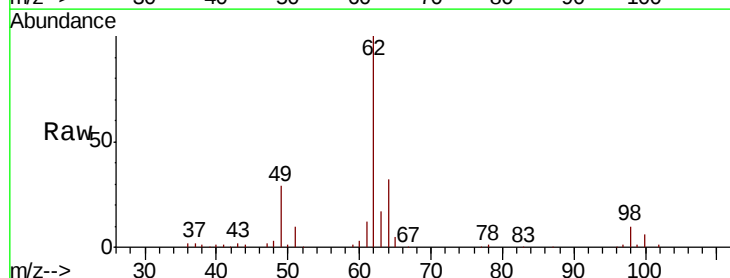
Delta R.T. -0.00 min

Lab File: VN050724.D

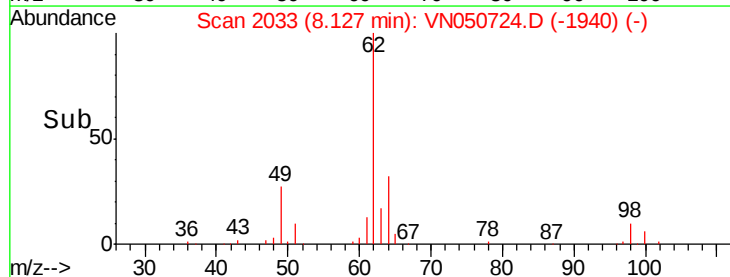
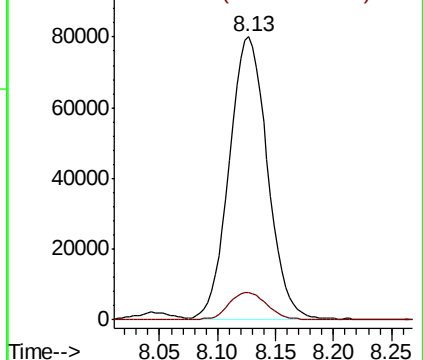
Acq: 17 Aug 2018 12:44

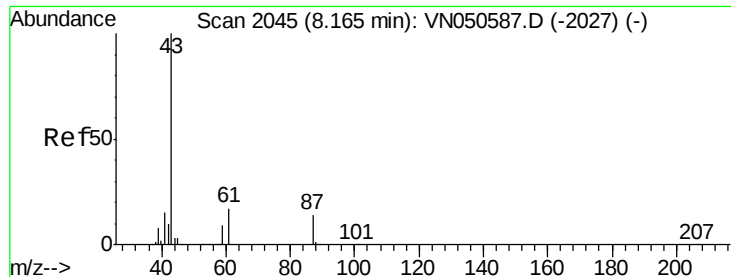
Tgt Ion: 62 Resp: 182081

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 19.78 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

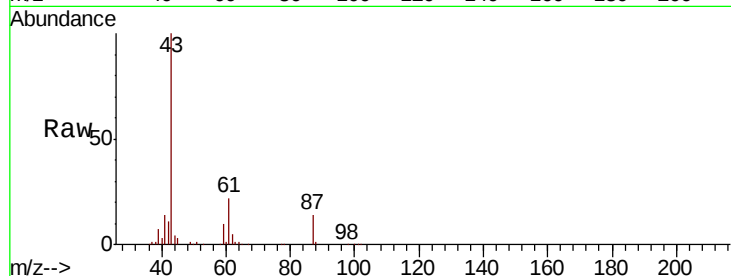
Tot Ion: 43 Resp: 201349

Ion Ratio Lower Upper

43 100

61 20.8 16.2 24.2

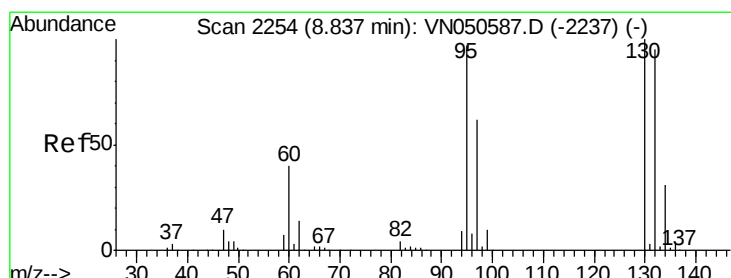
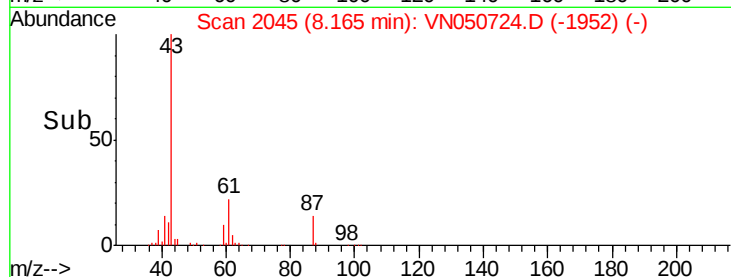
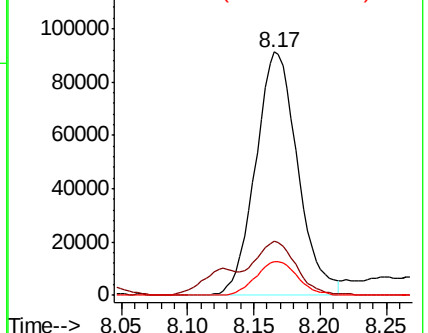
87 13.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050724.D (-2192) (-)

Ion 61.00 (60.70 to 61.70): VN050724.D (-2192) (-)

Ion 87.00 (86.70 to 87.70): VN050724.D (-2192) (-)



#44

Trichloroethene

Concen: 19.07 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050724.D

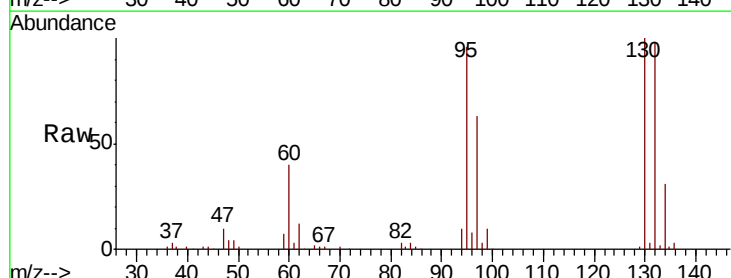
Acq: 17 Aug 2018 12:44

Tgt Ion: 130 Resp: 153564

Ion Ratio Lower Upper

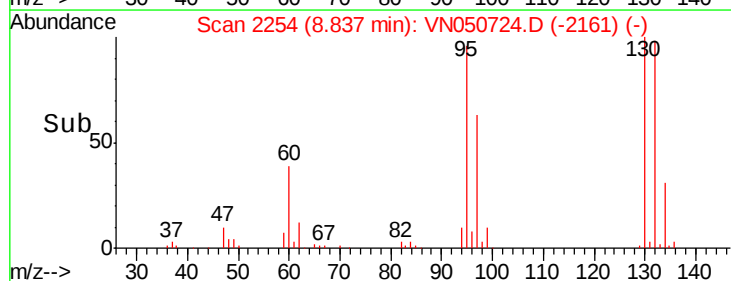
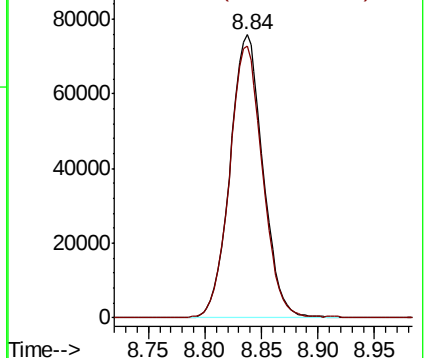
130 100

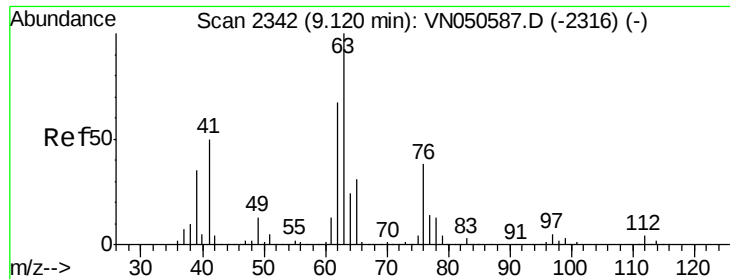
95 95.7 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050724.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050724.D (-2161) (-)

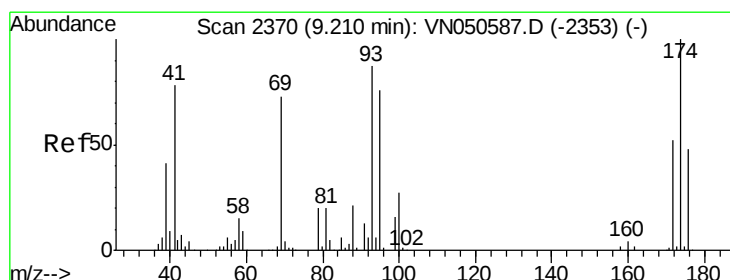
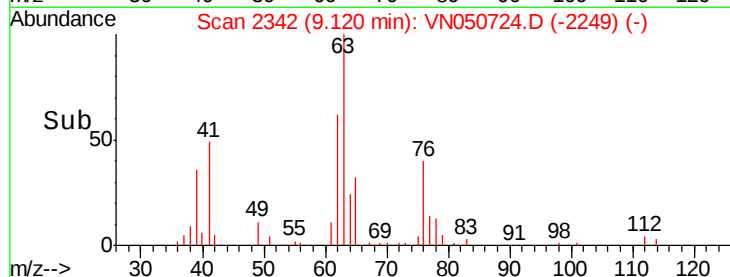
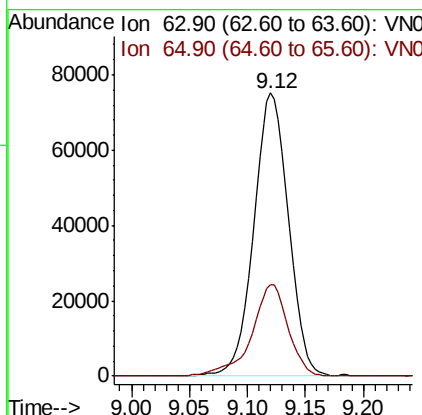
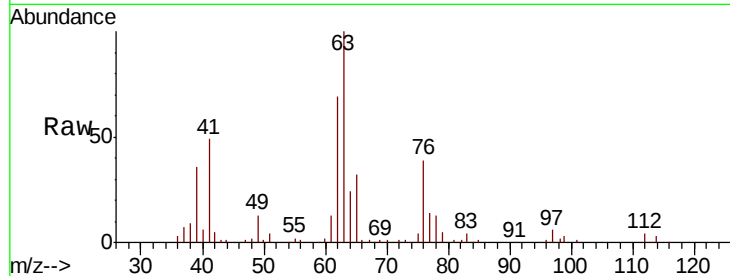




#45
 1,2-Dichloropropane
 Concen: 19.57 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

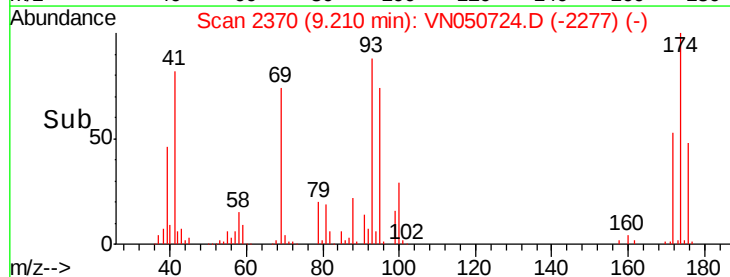
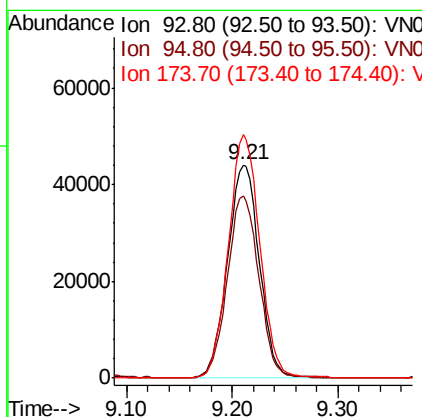
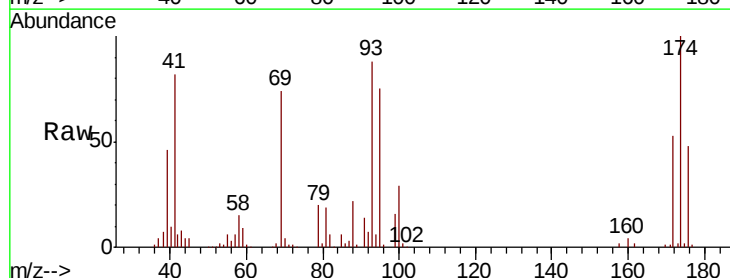
Instrument :
 MSVOA_N
 ClientSampleId :

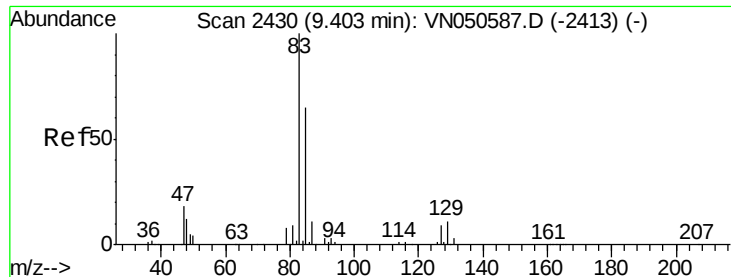
Tot Ion: 63 Resp: 156581
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.5 36.7



#46
 Dibromomethane
 Concen: 19.52 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 93 Resp: 92229
 Ion Ratio Lower Upper
 93 100
 95 84.7 69.1 103.7
 174 113.0 91.0 136.6





#47

Bromodichloromethane

Concen: 19.13 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

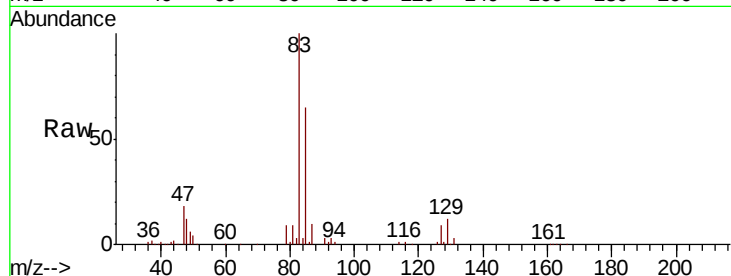
Tot Ion: 83 Resp: 193211

Ion Ratio Lower Upper

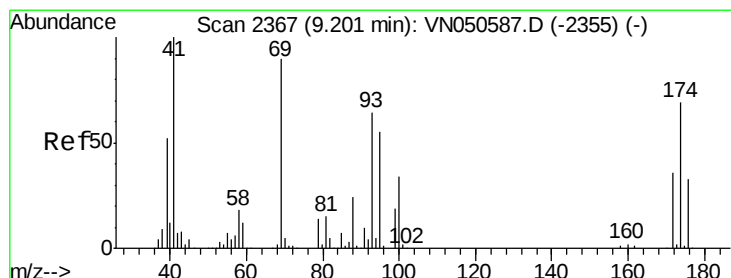
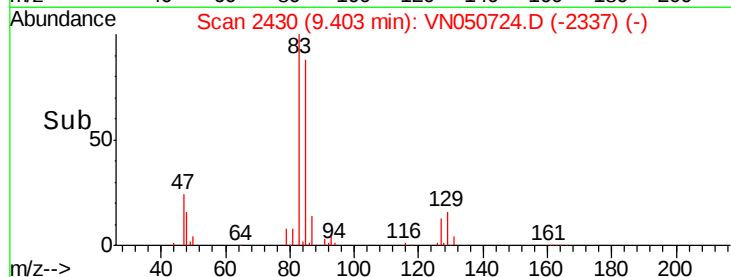
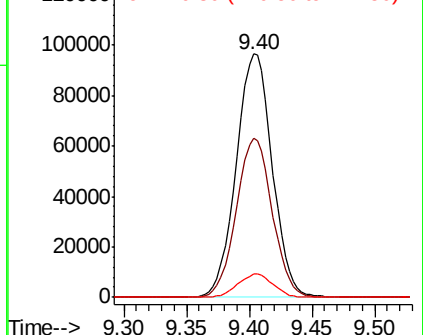
83 100

85 65.2 51.8 77.6

127 9.4 7.2 10.8



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



#48

Methyl methacrylate

Concen: 18.83 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

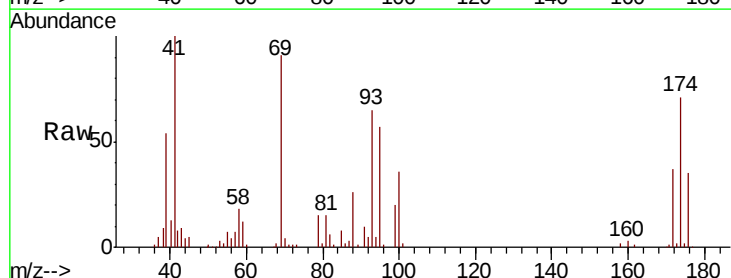
Tgt Ion: 41 Resp: 96445

Ion Ratio Lower Upper

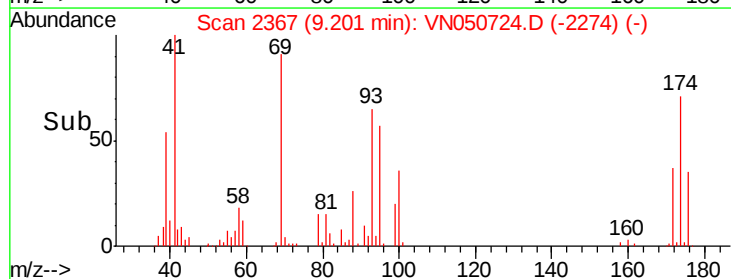
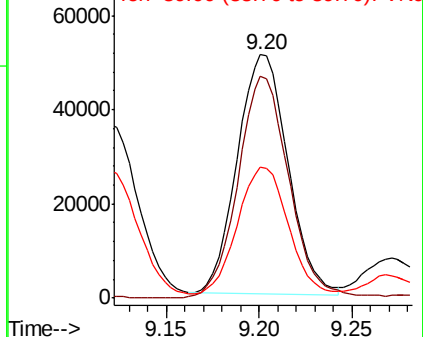
41 100

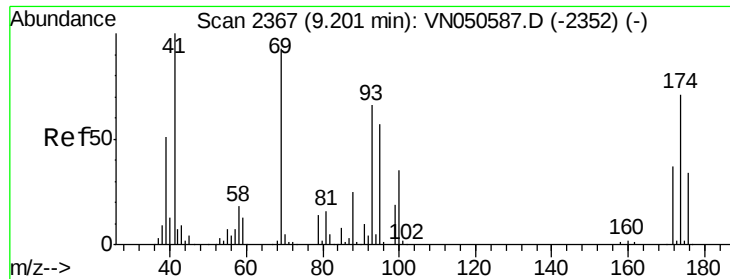
69 93.9 73.4 110.0

39 56.1 43.0 64.6



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

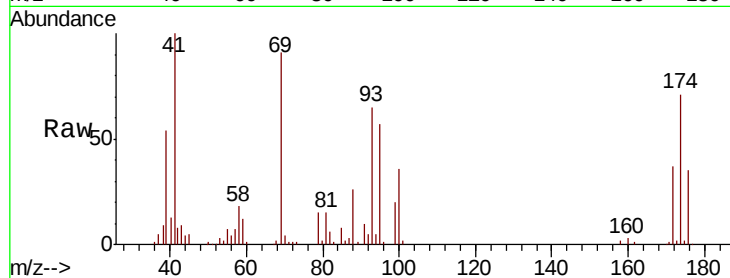




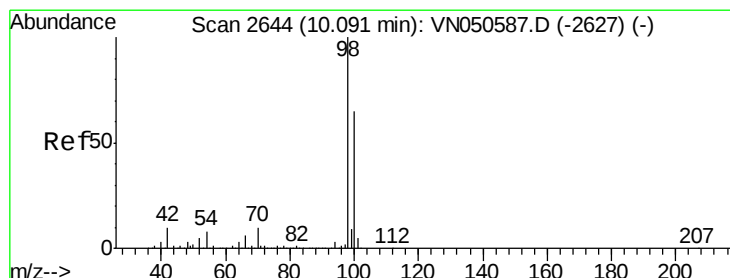
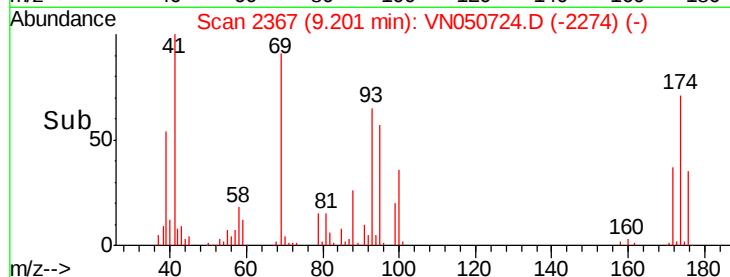
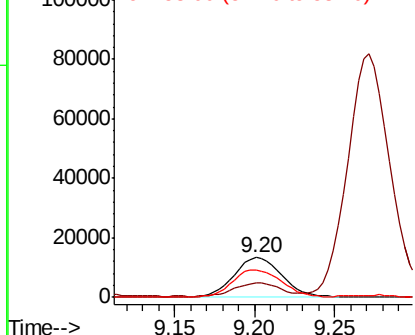
#49
1,4-Dioxane
Concen: 410.49 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 27697
Ion Ratio Lower Upper
88 100
43 32.4 25.9 38.9
58 71.3 56.5 84.7

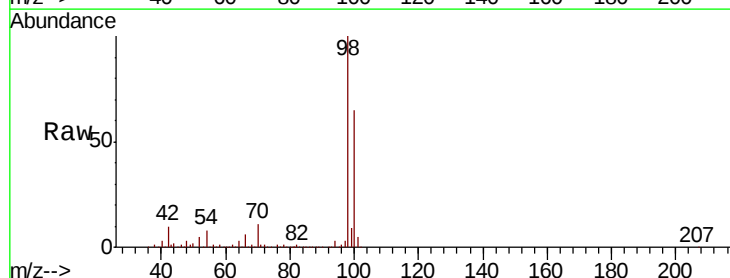


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

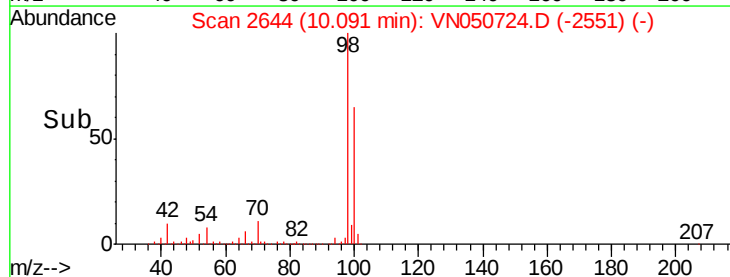
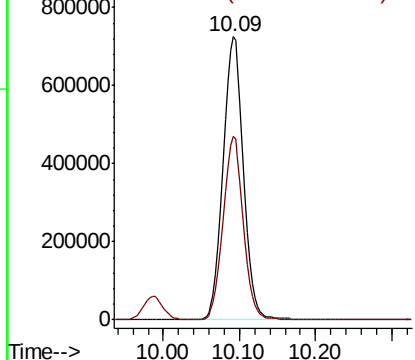


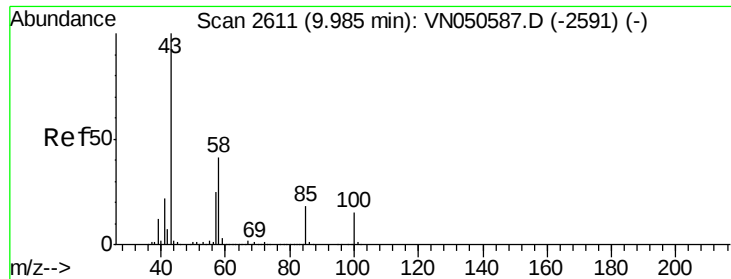
#50
Toluene-d8
Concen: 50.98 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 98 Resp: 1359727
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 105.27 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

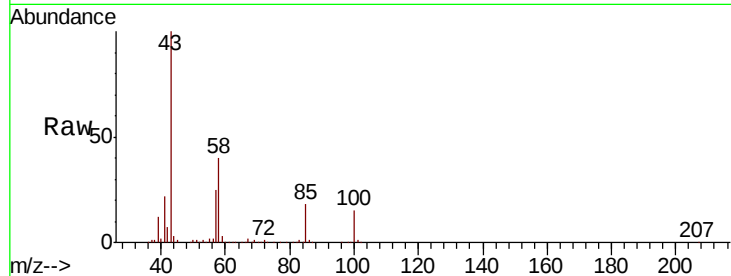
ClientSampled :

Tot Ion: 43 Resp: 724709

Ion Ratio Lower Upper

43 100

58 40.0 32.5 48.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

400000

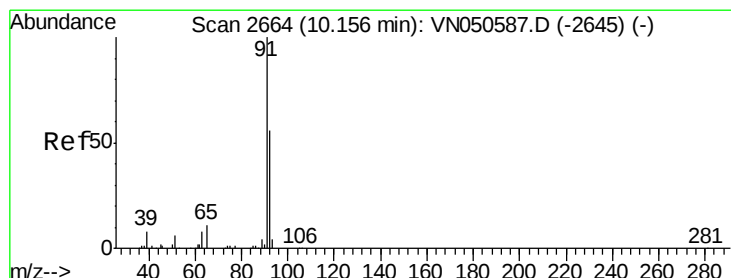
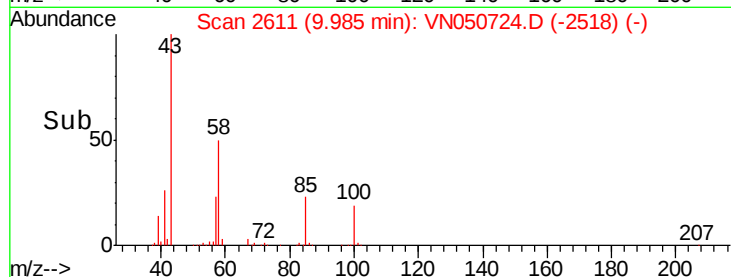
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.23 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050724.D

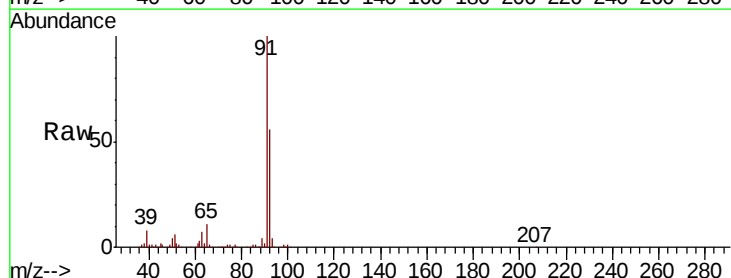
Acq: 17 Aug 2018 12:44

Tgt Ion: 92 Resp: 363111

Ion Ratio Lower Upper

92 100

91 176.8 141.9 212.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

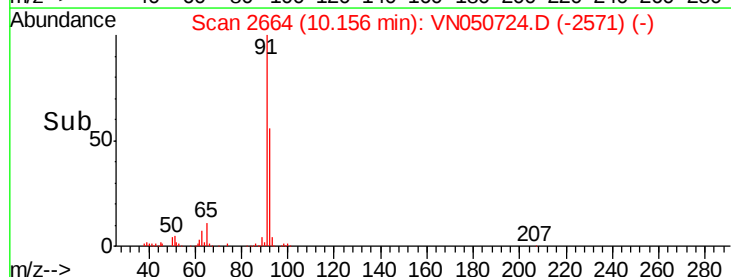
300000

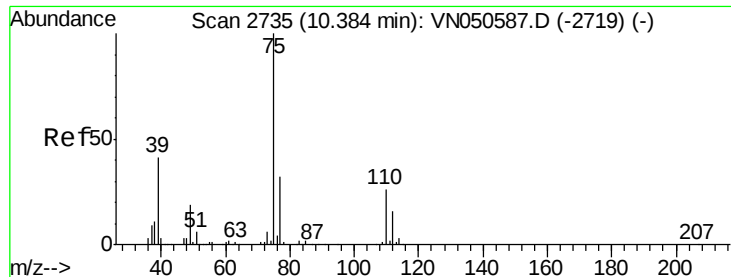
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.72 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

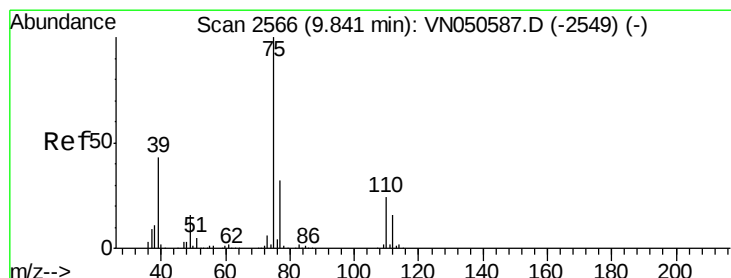
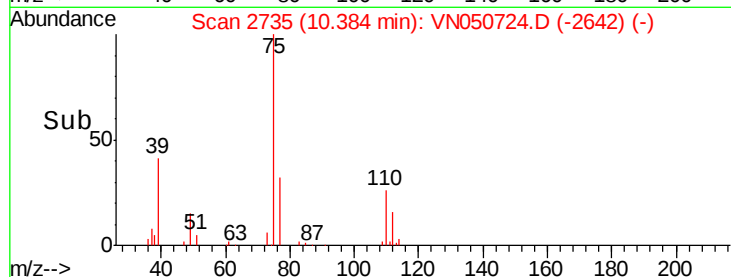
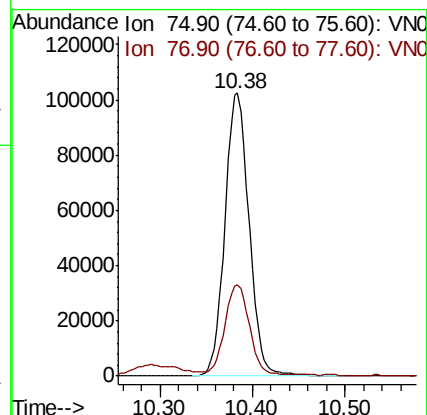
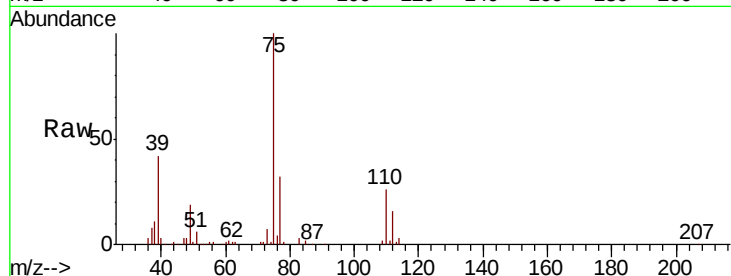
ClientSampled :

Tot Ion: 75 Resp: 185476

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.37 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

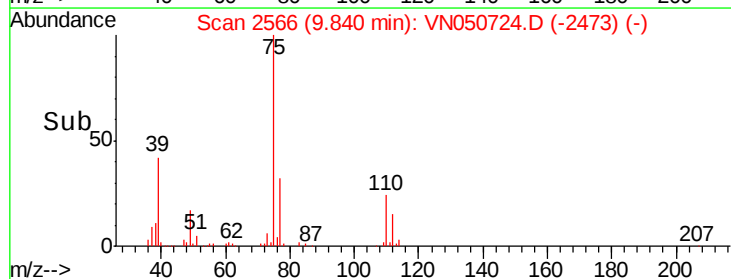
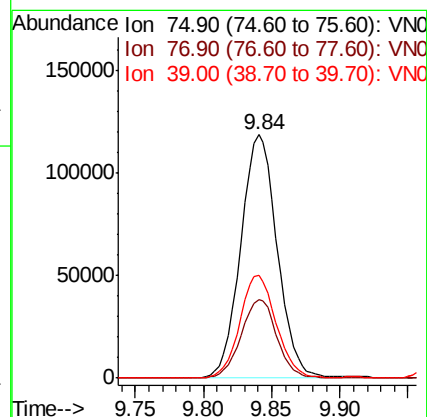
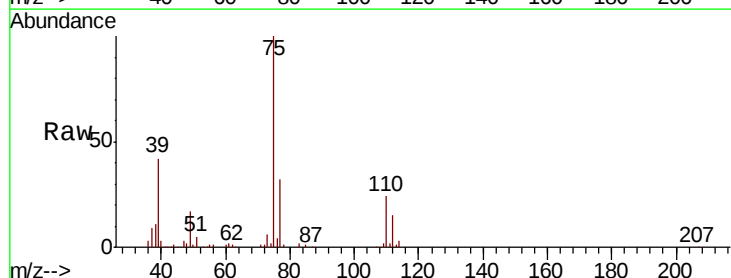
Tgt Ion: 75 Resp: 219808

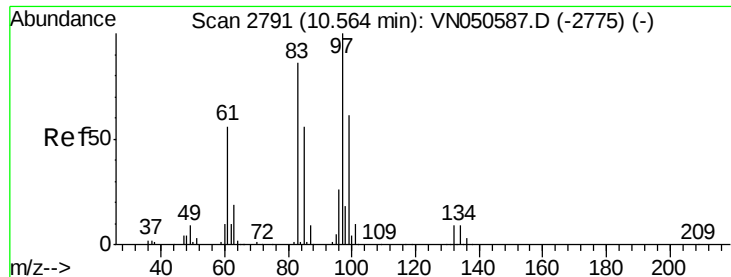
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 42.0 34.4 51.6

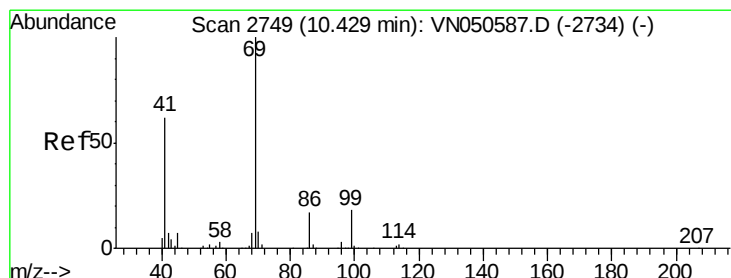
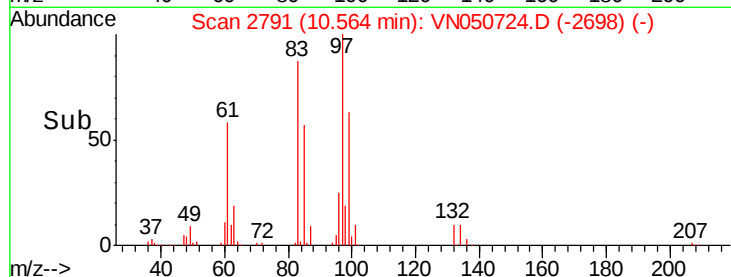
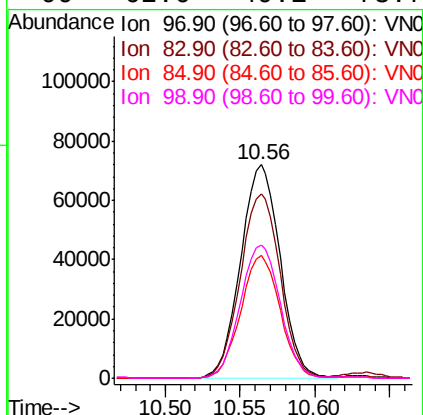
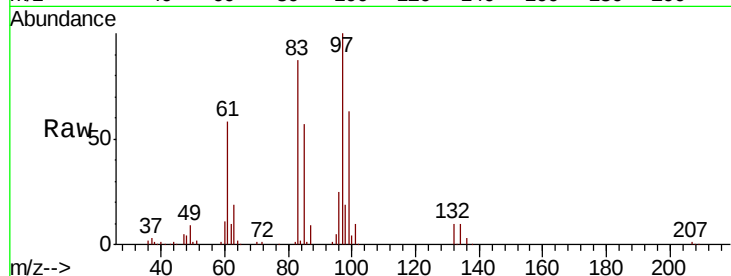




#55
 1,1,2-Trichloroethane
 Concen: 19.83 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

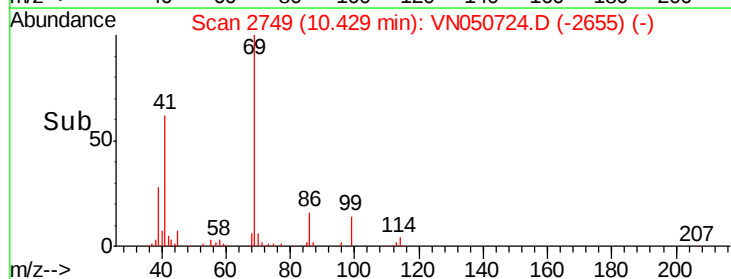
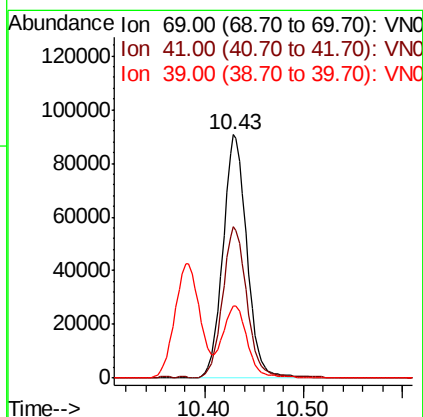
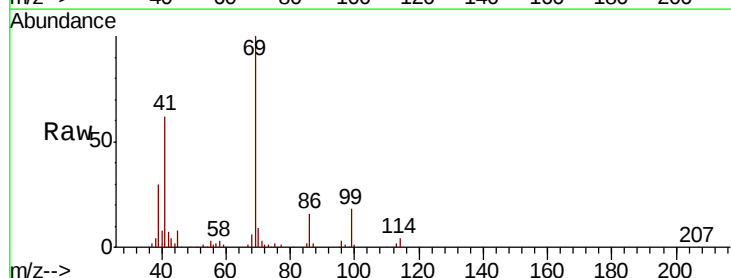
Instrument :
 MSVOA_N
 ClientSampled :

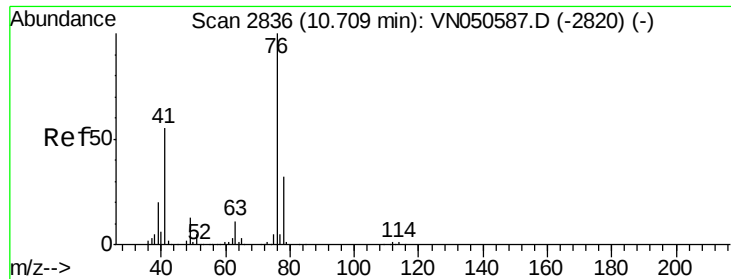
Tot Ion	97	Resp	132983
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.5	102.7
85	57.3	44.6	66.8
99	62.6	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 19.27 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion	69	Resp	154398
Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.7	74.5
39	29.8	24.2	36.2

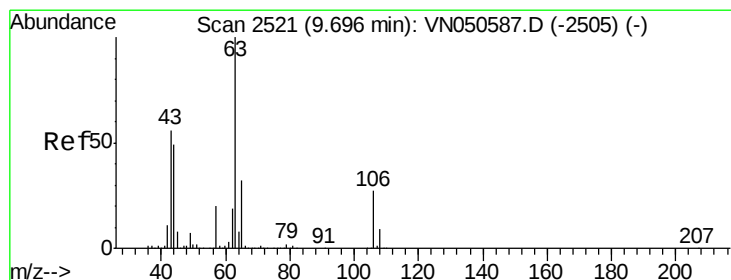
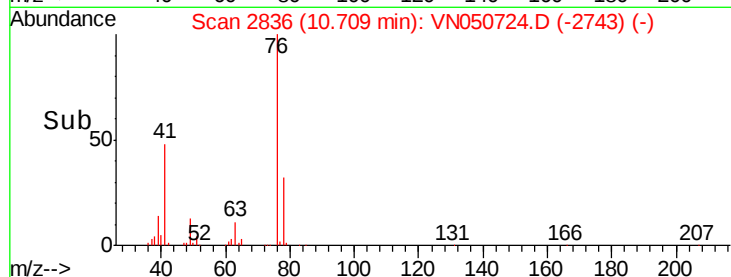
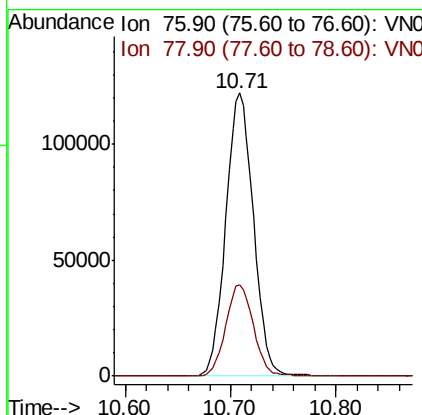
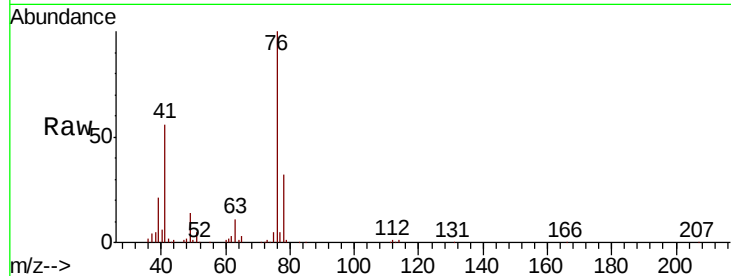




#57
 1,3-Dichloropropane
 Concen: 20.07 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

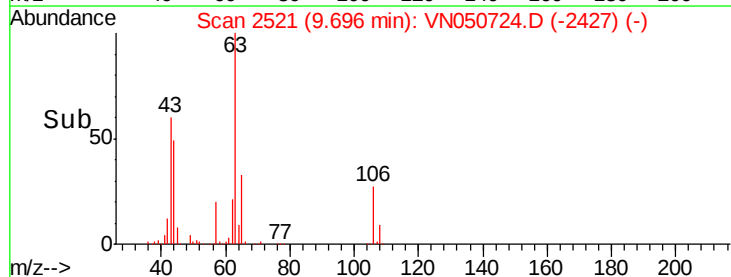
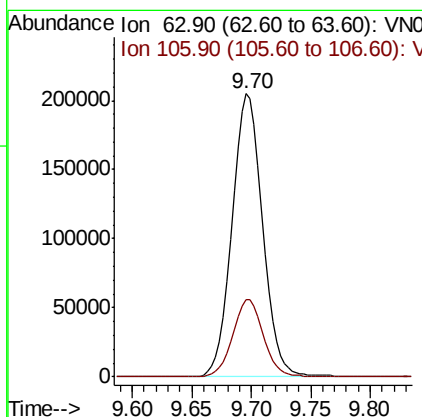
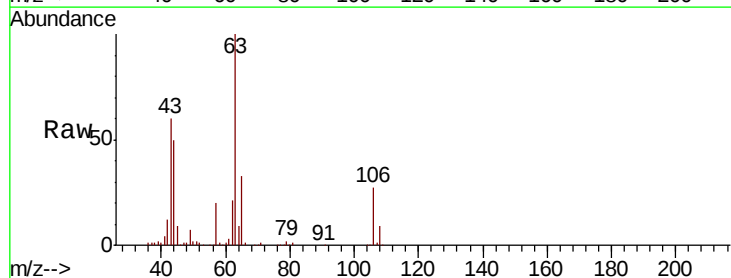
Instrument :
 MSVOA_N
 ClientSampled :

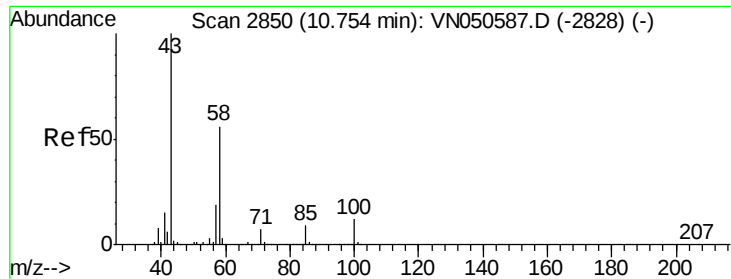
Tot Ion: 76 Resp: 220646
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.84 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 63 Resp: 365225
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

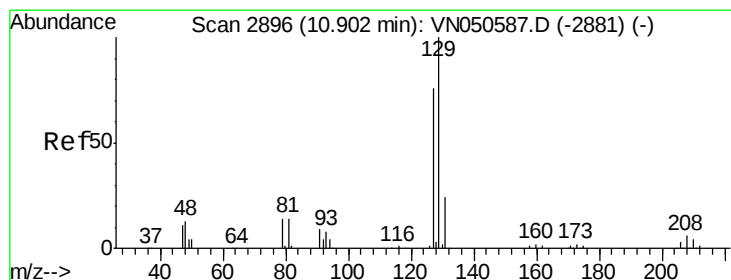
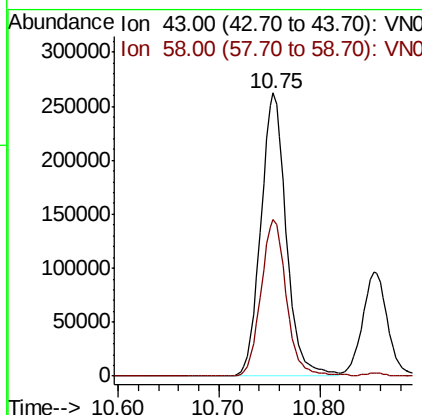
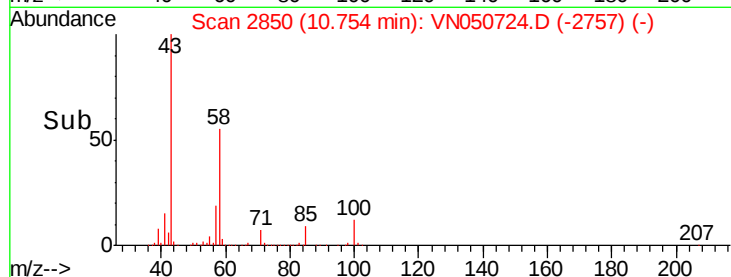
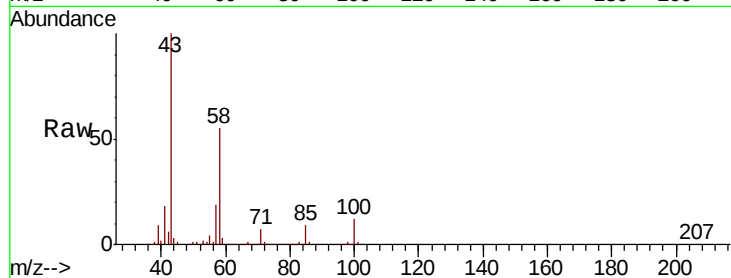




#59
2-Hexanone
Concen: 102.91 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

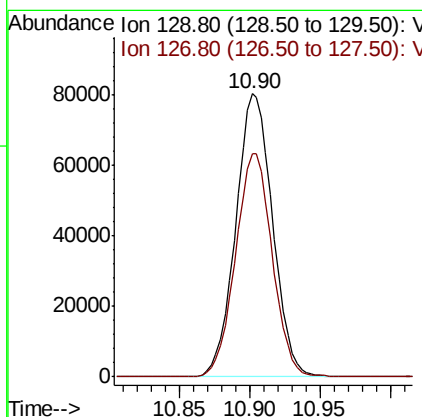
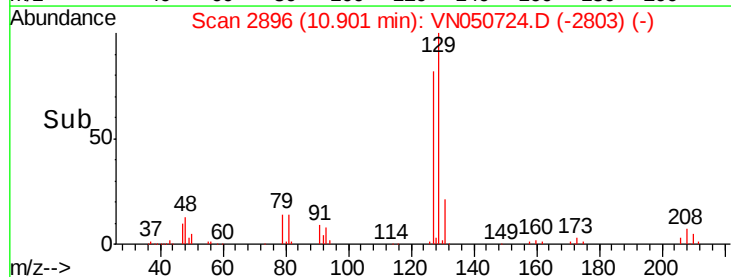
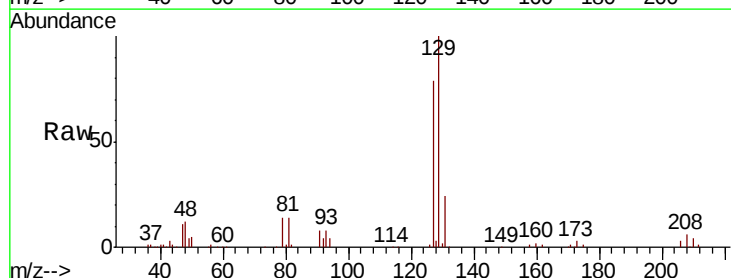
Instrument :
MSVOA_N
ClientSampled :

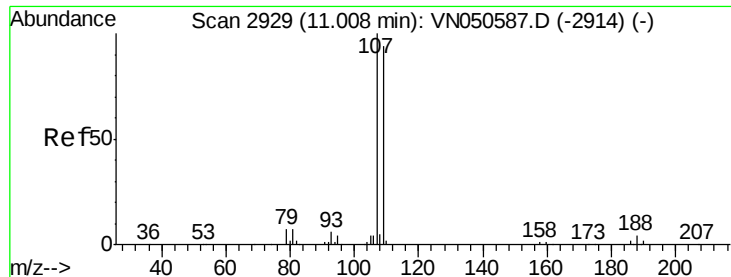
Tot Ion: 43 Resp: 457225
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0



#60
Dibromochloromethane
Concen: 19.85 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 129 Resp: 146893
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7

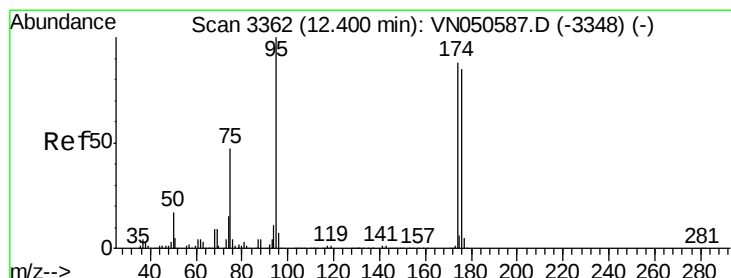
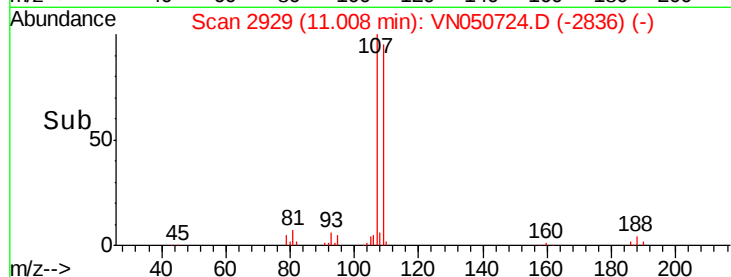
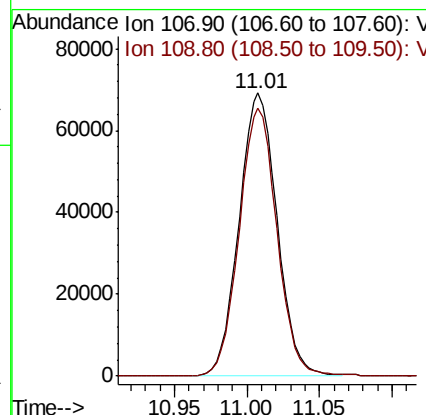
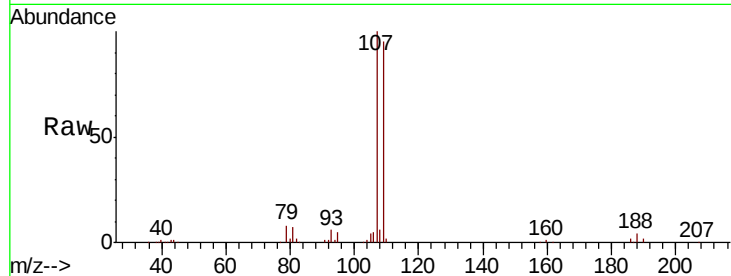




#61
 1,2-Dibromoethane
 Concen: 19.72 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

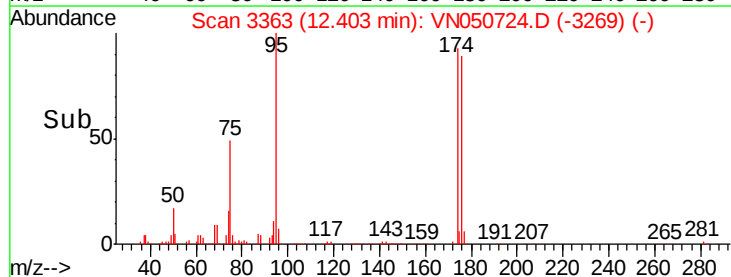
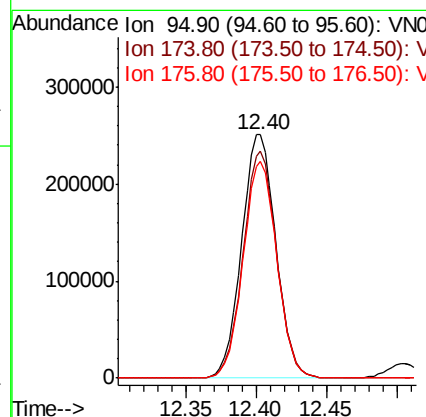
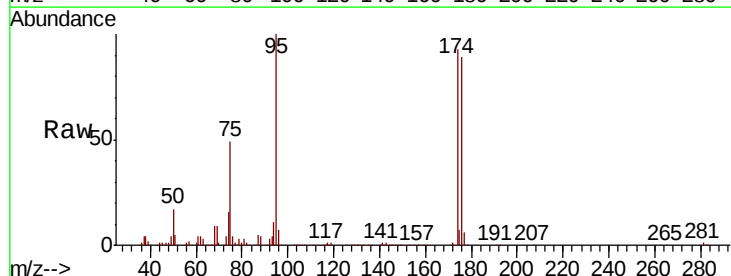
Instrument :
 MSVOA_N
 ClientSampleId :

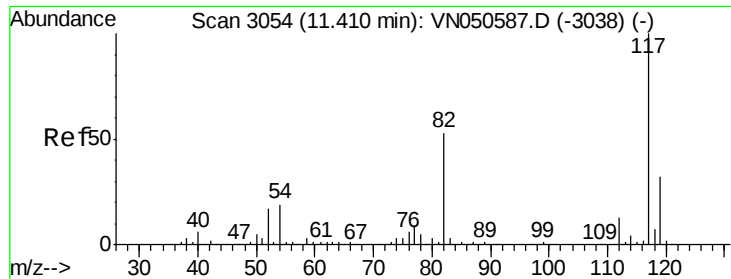
Tot Ion:107 Resp: 125910
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.39 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion: 95 Resp: 426393
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 177.8
 176 87.9 0.0 175.0

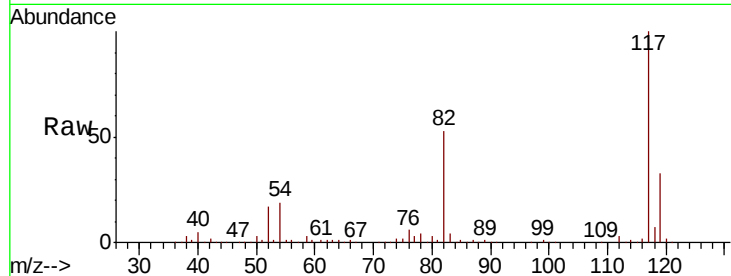




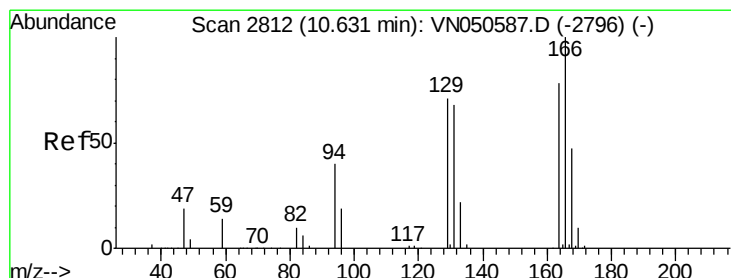
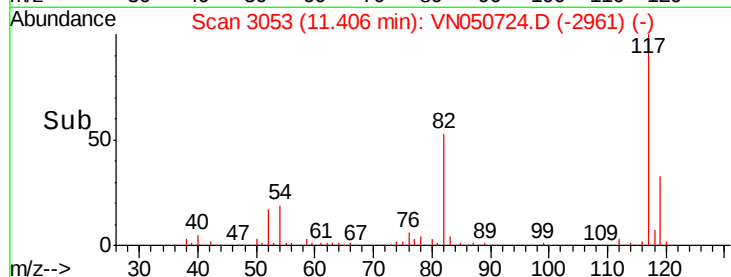
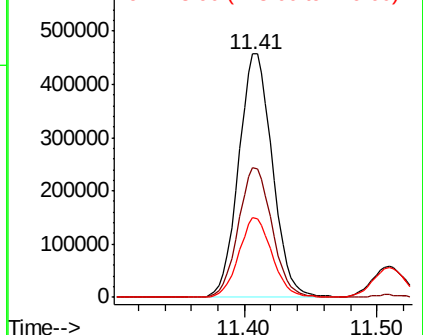
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 808609
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.6 25.8 38.8

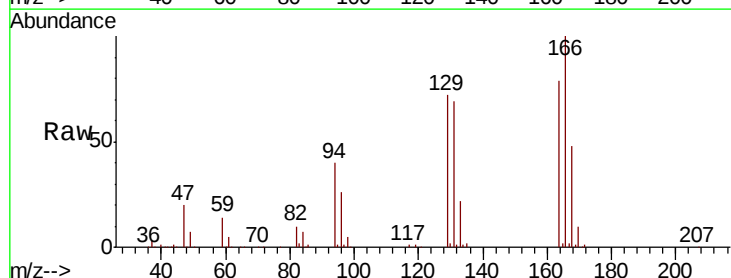


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

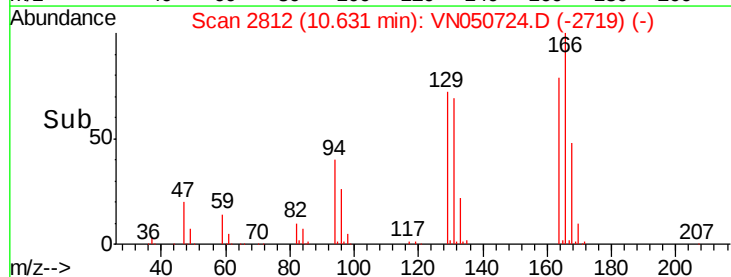
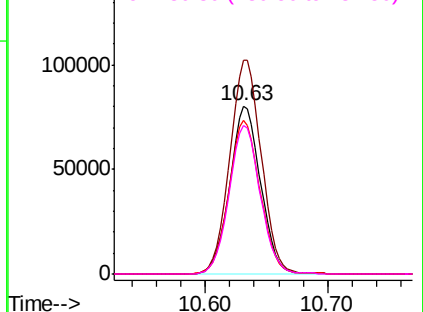


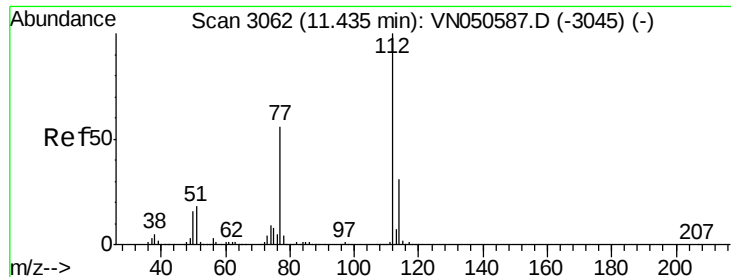
#64
Tetrachloroethene
Concen: 18.85 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion:164 Resp: 141524
Ion Ratio Lower Upper
164 100
166 126.9 102.1 153.1
129 91.0 72.7 109.1
131 88.2 69.9 104.9



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

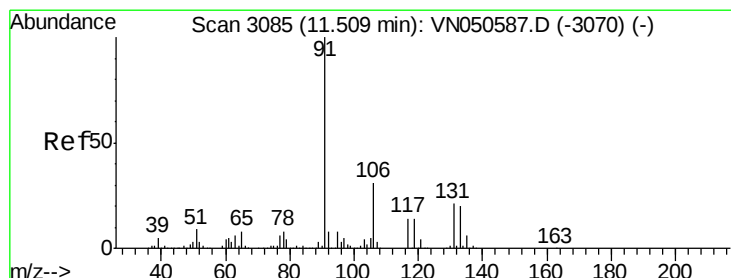
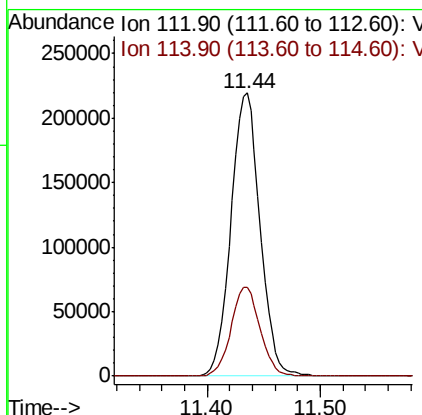
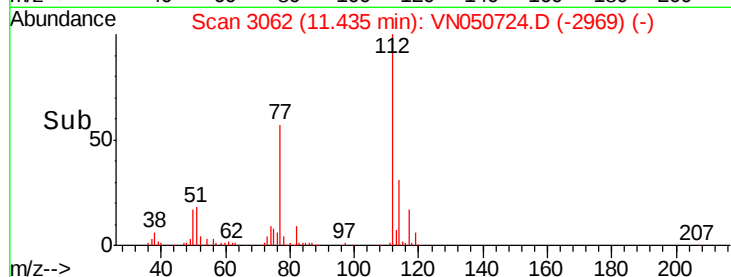
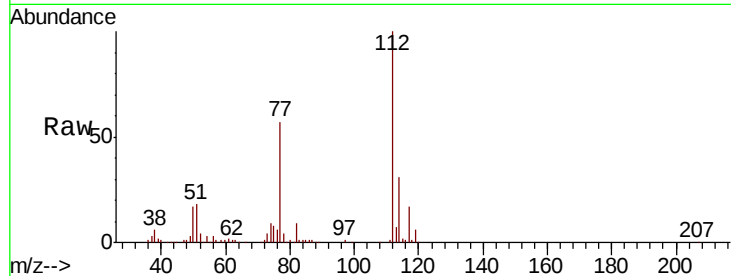




#65
Chlorobenzene
Concen: 19.51 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

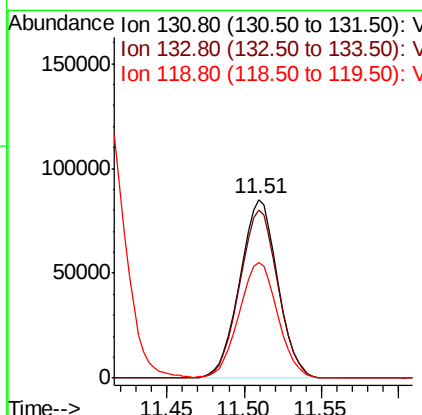
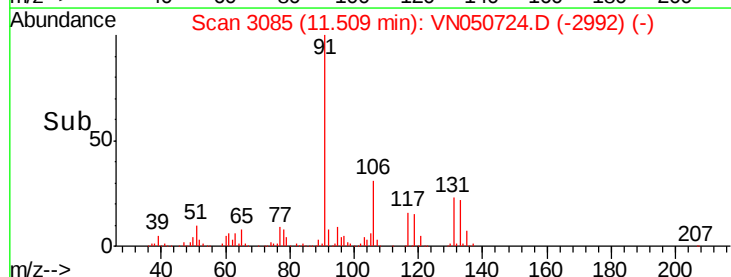
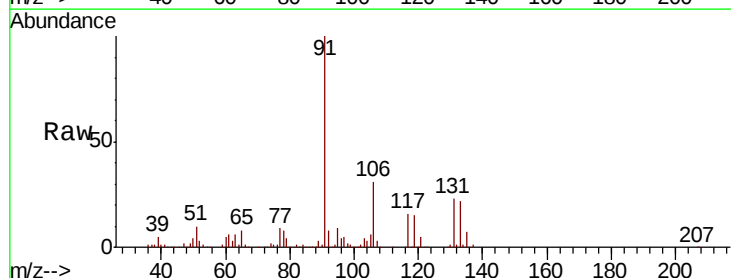
Instrument :
MSVOA_N
ClientSampleId :

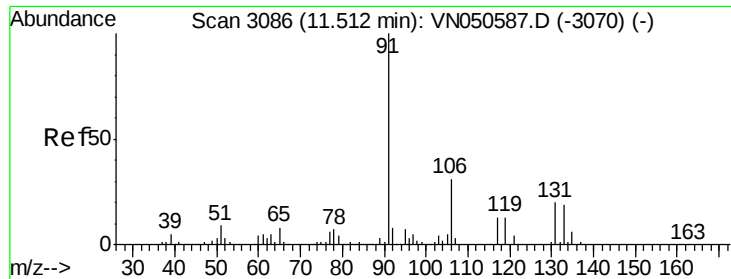
Tot Ion:112 Resp: 392525
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.28 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion:131 Resp: 145464
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 66.1 33.1 99.3

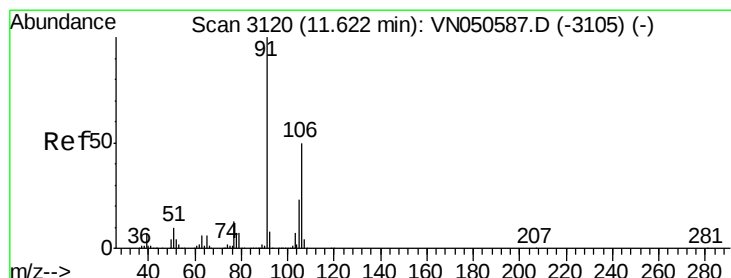
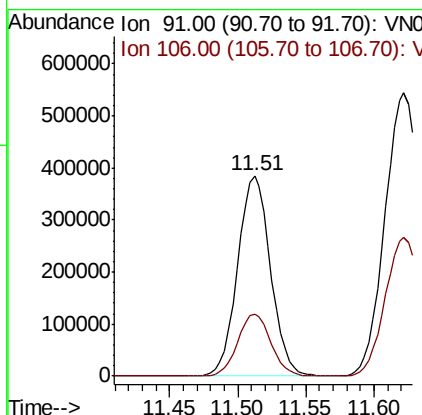
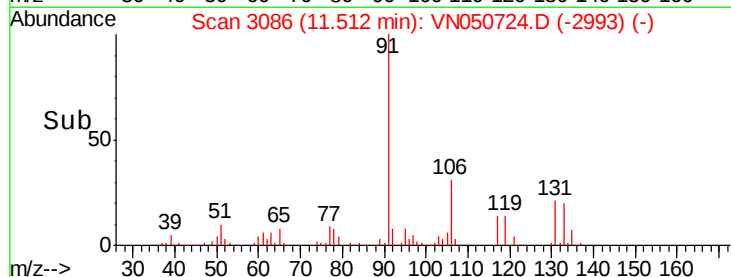
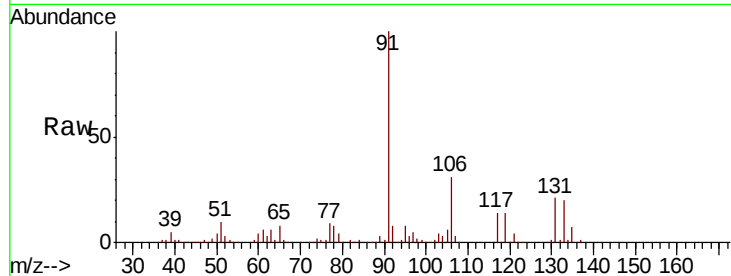




#67
Ethyl Benzene
Concen: 19.81 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

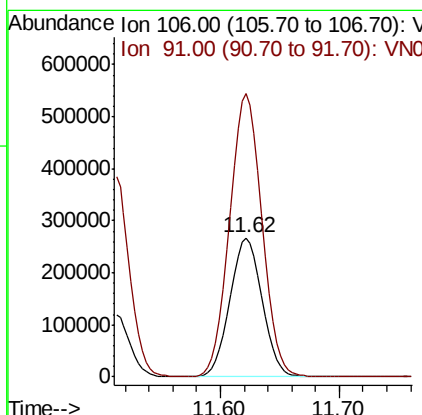
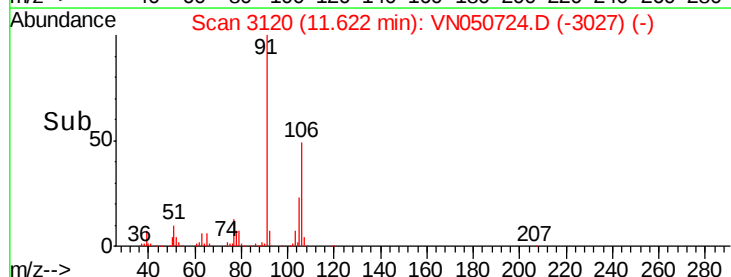
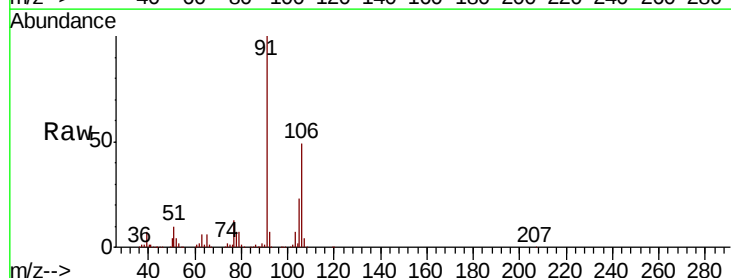
Instrument :
MSVOA_N
ClientSampleId :

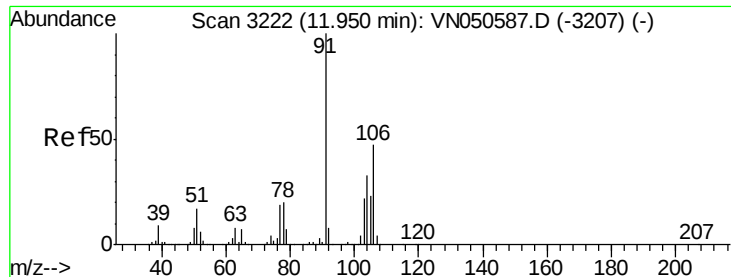
Tot Ion: 91 Resp: 643845
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 40.46 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 106 Resp: 502879
Ion Ratio Lower Upper
106 100
91 203.2 161.5 242.3

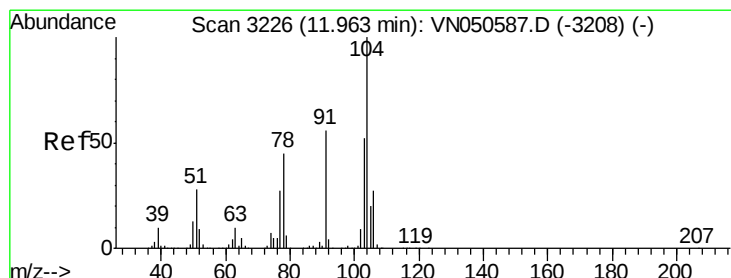
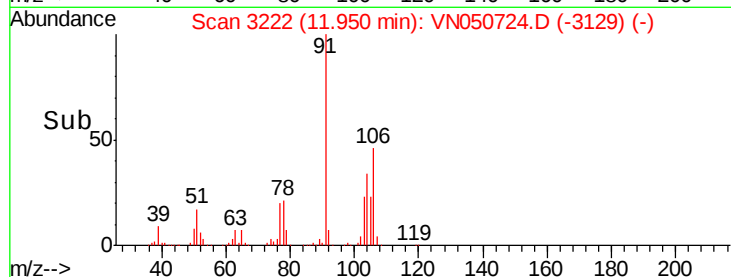
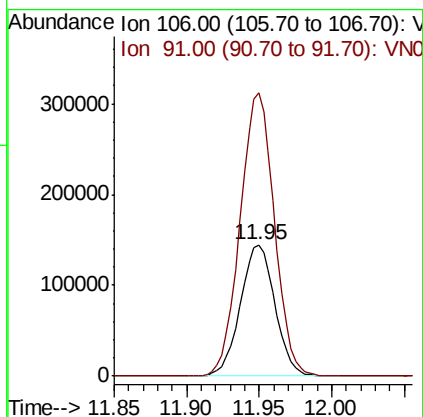
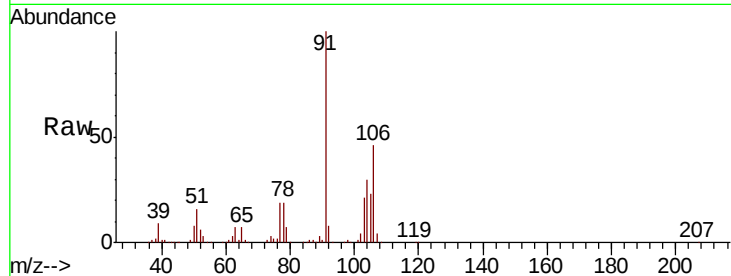




#69
o-Xylene
Concen: 20.21 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

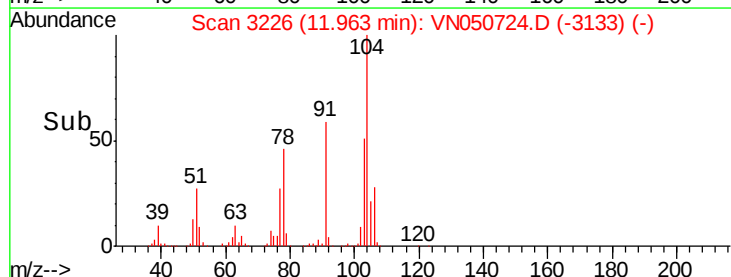
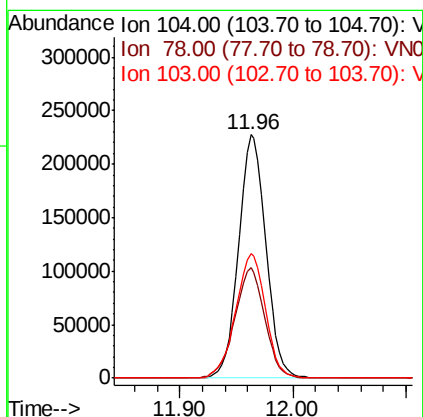
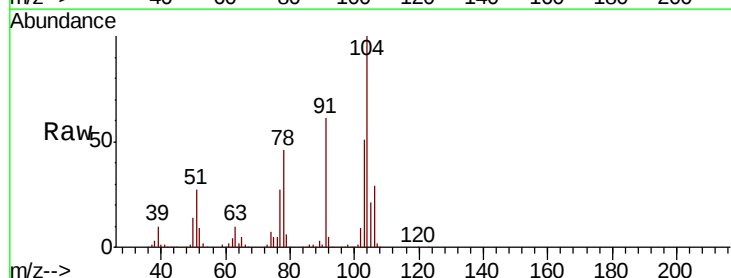
Instrument :
MSVOA_N
ClientSampled :

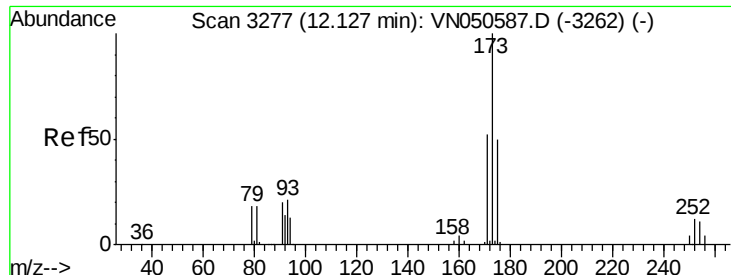
Tot Ion:106 Resp: 239481
Ion Ratio Lower Upper
106 100
91 214.0 106.8 320.4



#70
Styrene
Concen: 18.75 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion:104 Resp: 382599
Ion Ratio Lower Upper
104 100
78 49.7 39.1 58.7
103 56.0 44.9 67.3

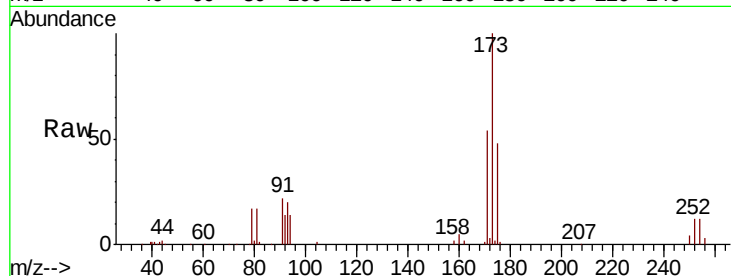




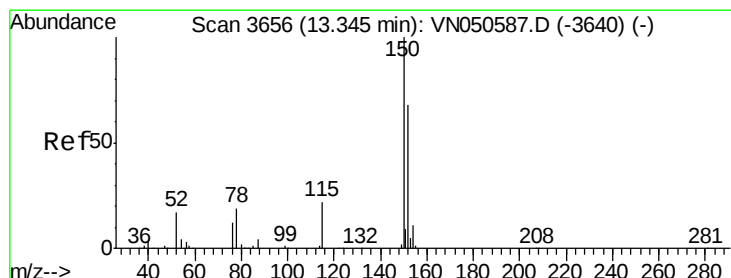
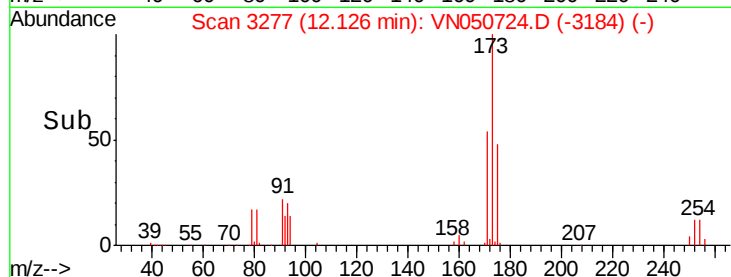
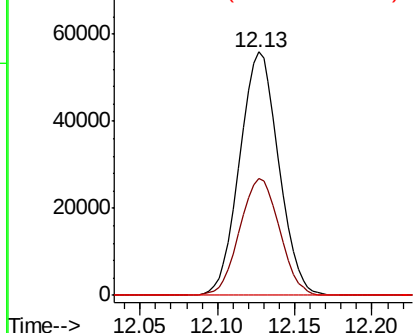
#71
Bromoform
Concen: 19.64 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 98243
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.0 0.0 0.0

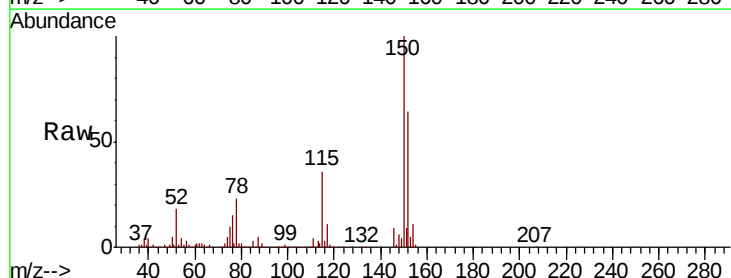


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

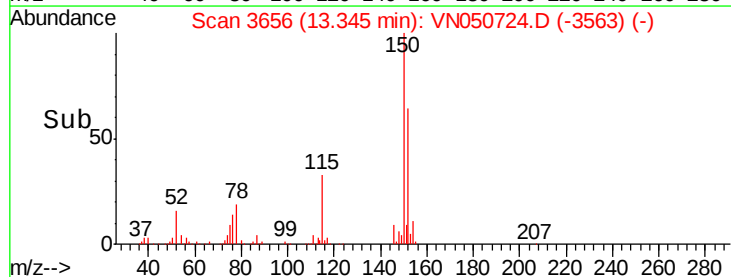
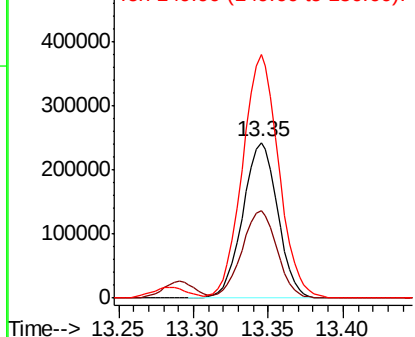


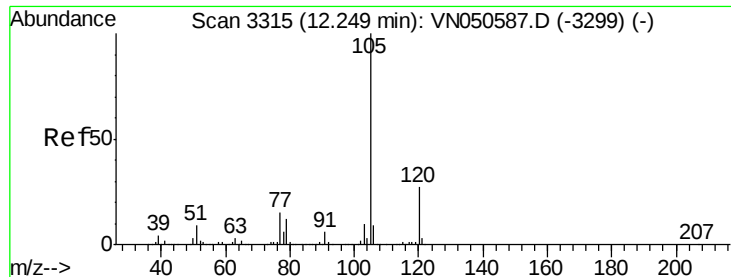
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion:152 Resp: 392930
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 162.9 0.0 347.8



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: 20.40 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

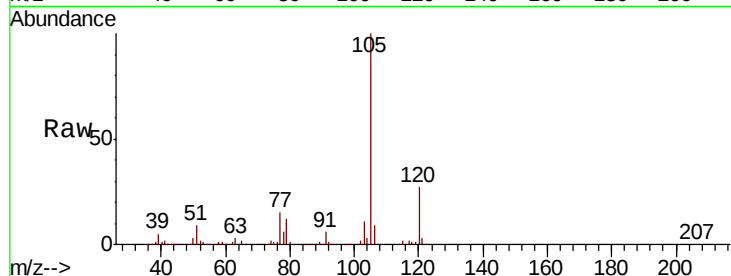
ClientSampled :

Tot Ion:105 Resp: 626168

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

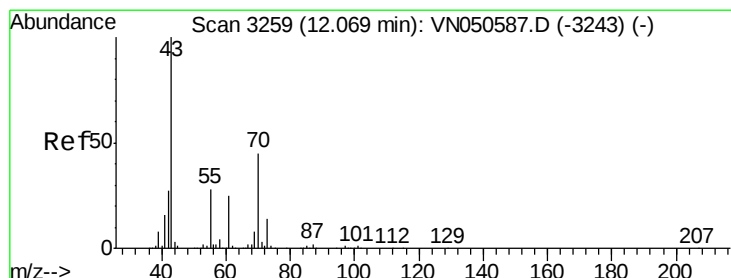
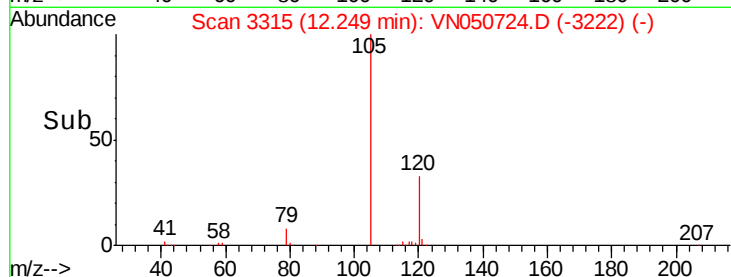
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.89 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Tgt Ion: 43 Resp: 158876

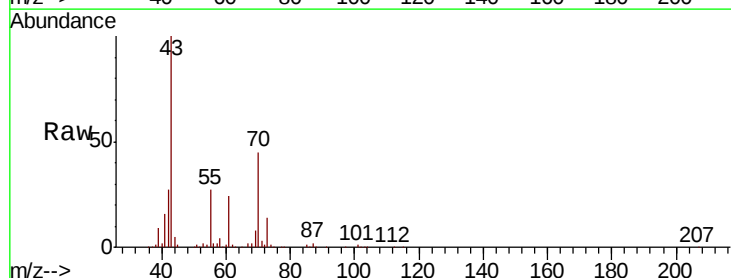
Ion Ratio Lower Upper

43 100

70 44.1 35.9 53.9

55 27.2 22.2 33.4

61 23.7 20.0 30.0



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

150000

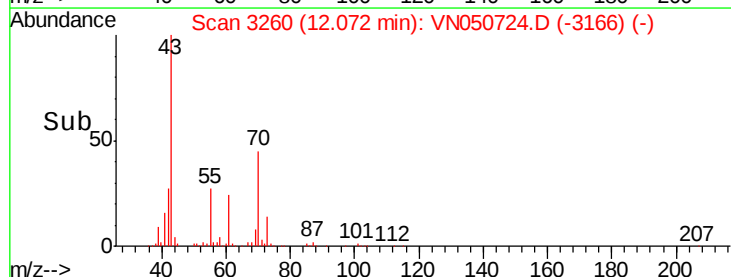
100000

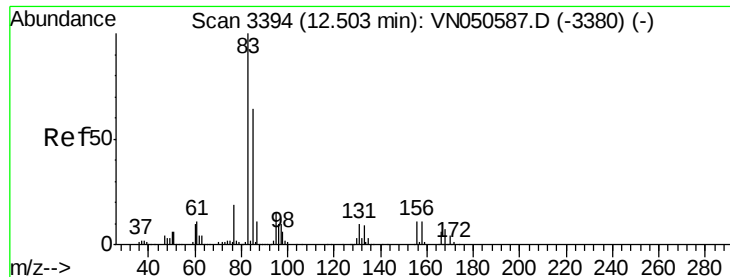
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.80 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

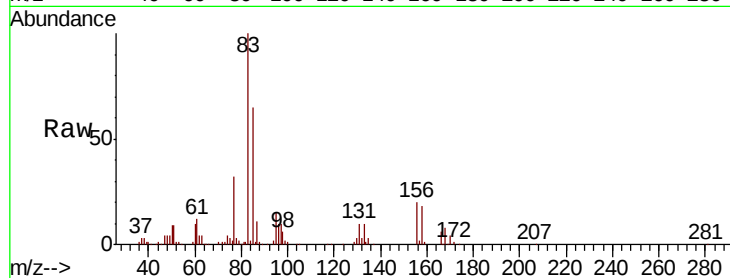
Tot Ion: 83 Resp: 164725

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

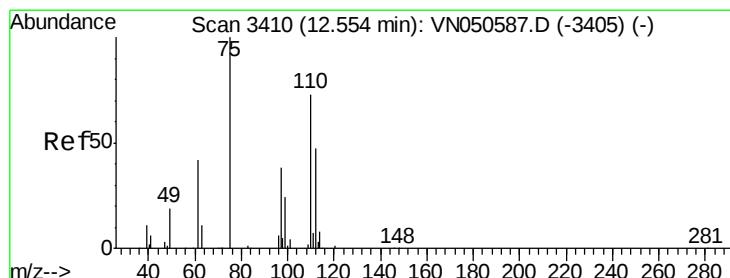
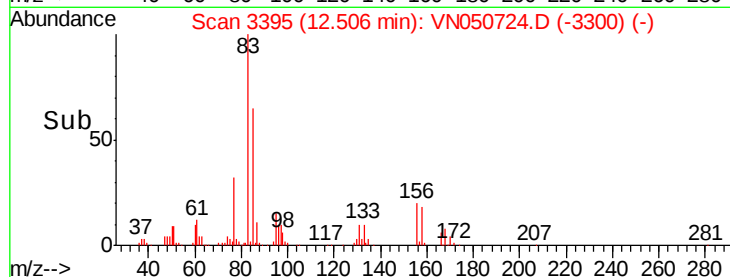
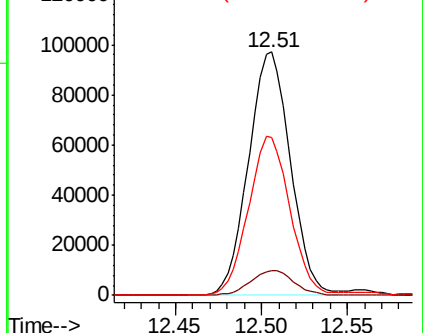
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050587.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 29.70 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050724.D

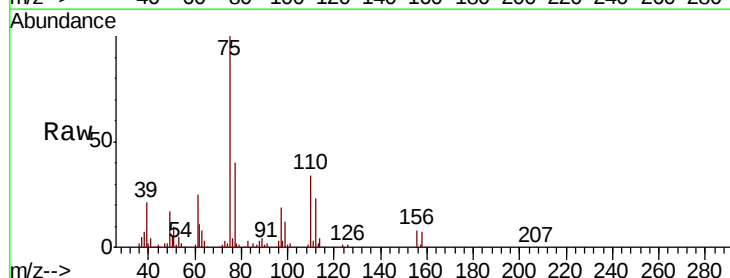
Acq: 17 Aug 2018 12:44

Tgt Ion: 75 Resp: 191192

Ion Ratio Lower Upper

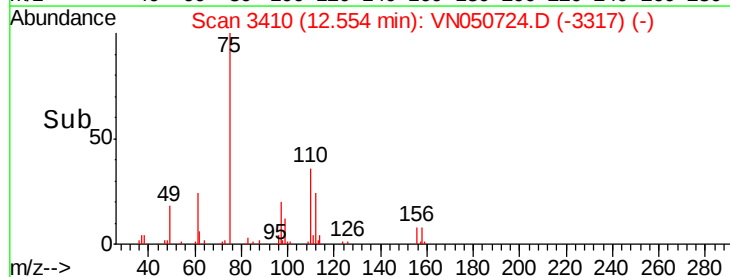
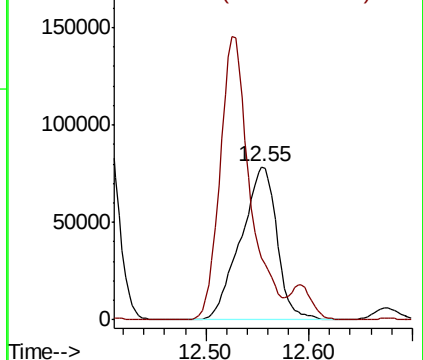
75 100

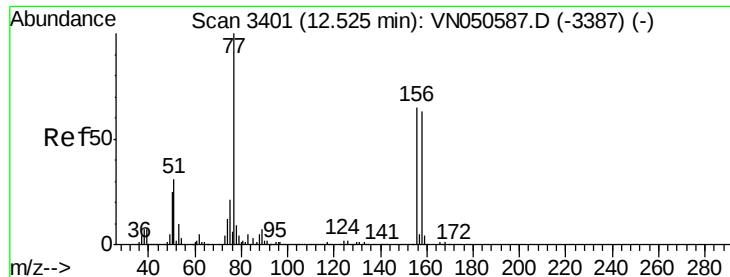
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050587.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050587.D (-3405) (-)





#77

Bromobenzene

Concen: 19.97 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

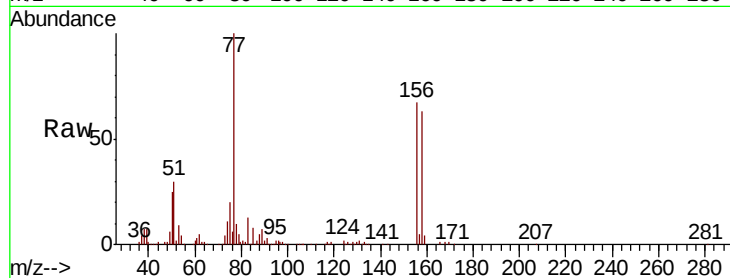
Tot Ion:156 Resp: 166445

Ion Ratio Lower Upper

156 100

77 177.5 89.0 267.1

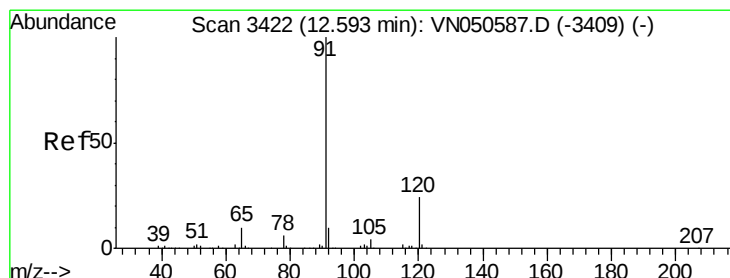
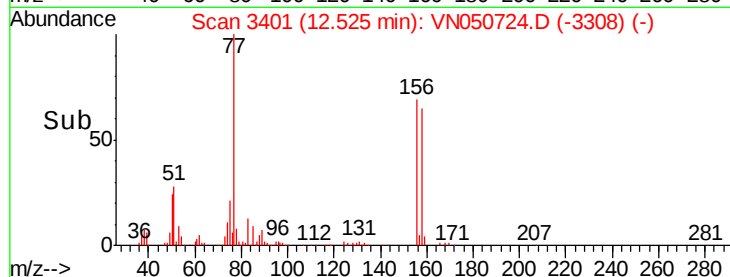
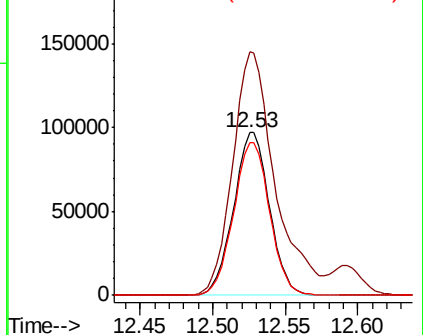
158 94.6 48.5 145.6



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: 20.84 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050724.D

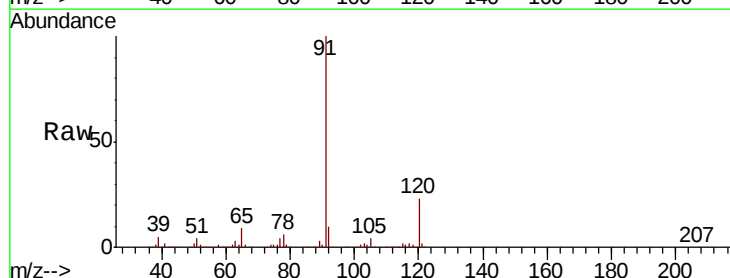
Acq: 17 Aug 2018 12:44

Tgt Ion: 91 Resp: 713448

Ion Ratio Lower Upper

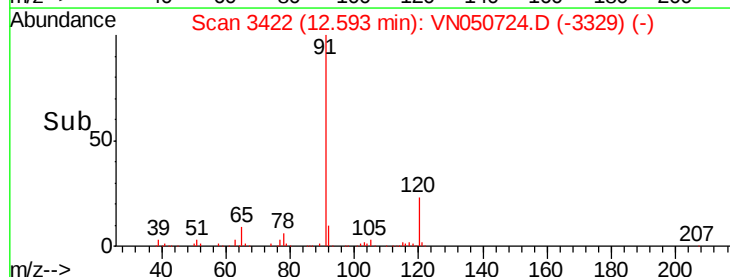
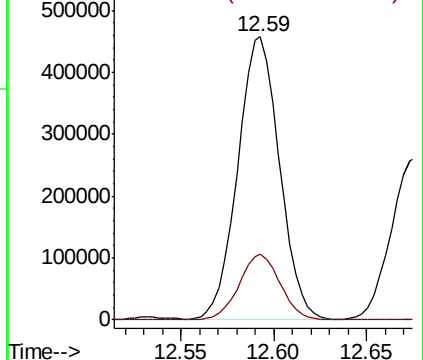
91 100

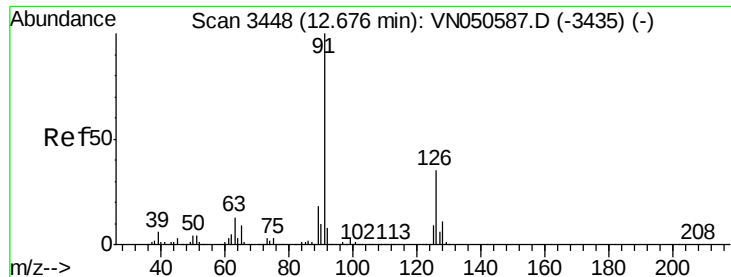
120 22.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.35 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

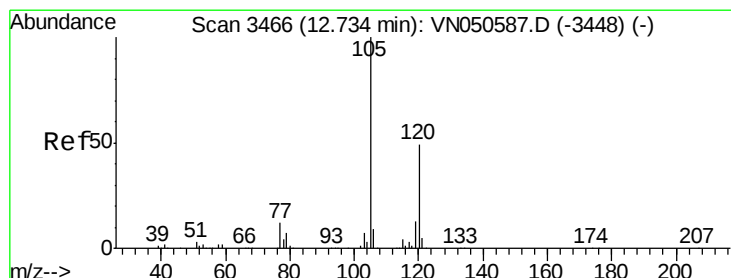
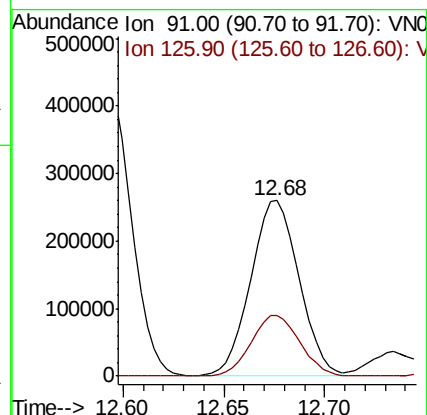
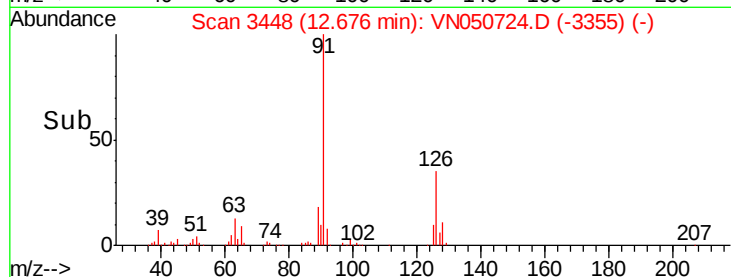
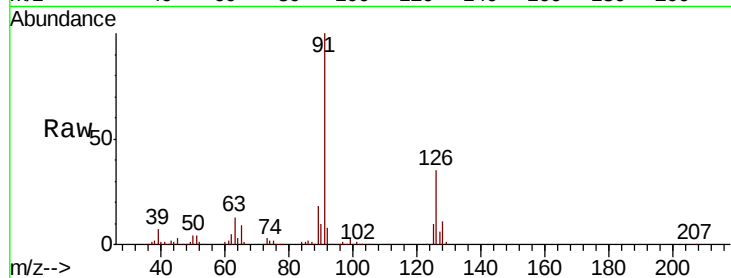
ClientSampleId :

Tot Ion: 91 Resp: 434349

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.48 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050724.D

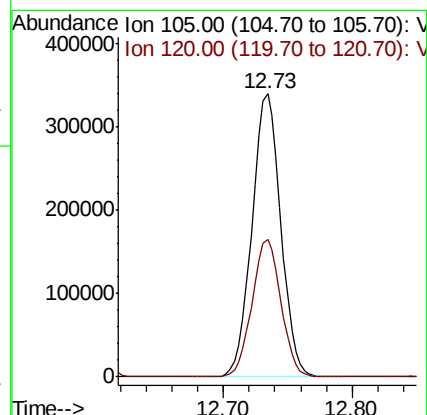
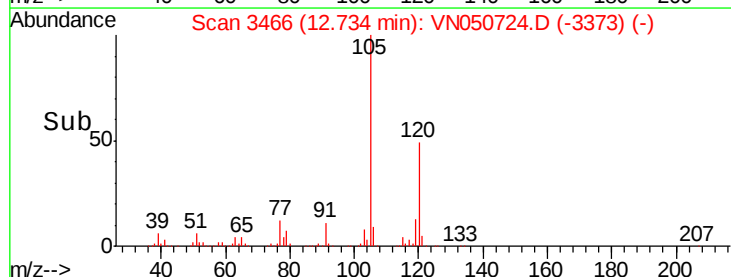
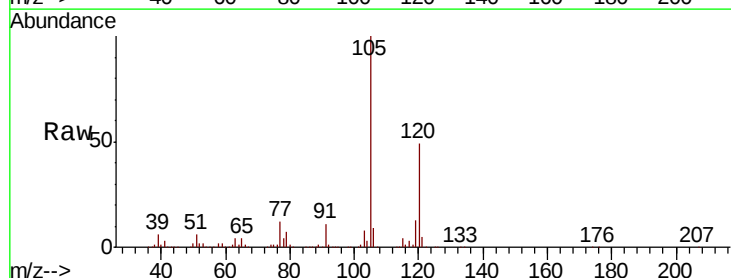
Acq: 17 Aug 2018 12:44

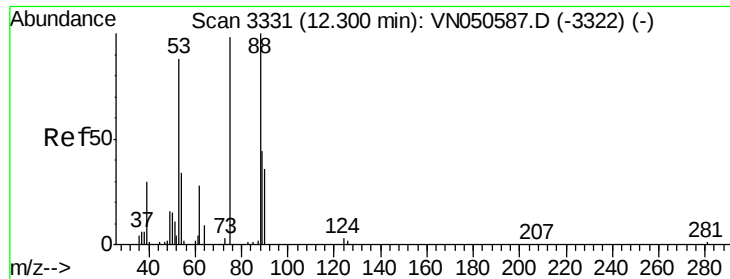
Tgt Ion:105 Resp: 528010

Ion Ratio Lower Upper

105 100

120 48.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.55 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

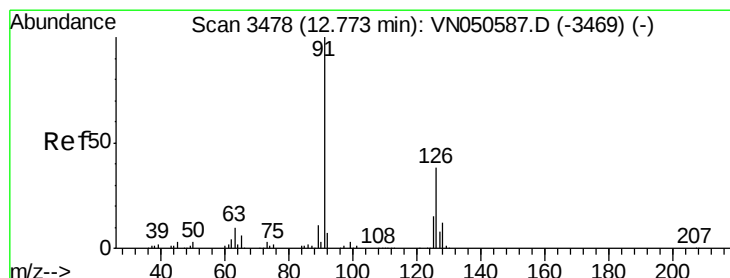
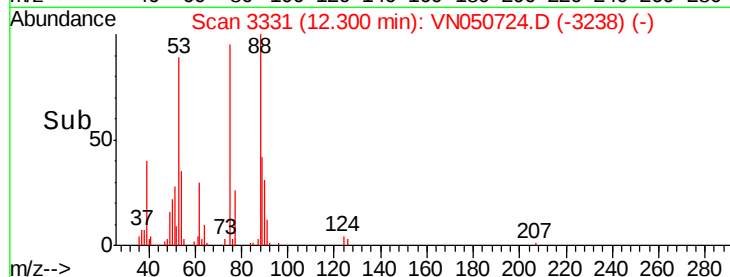
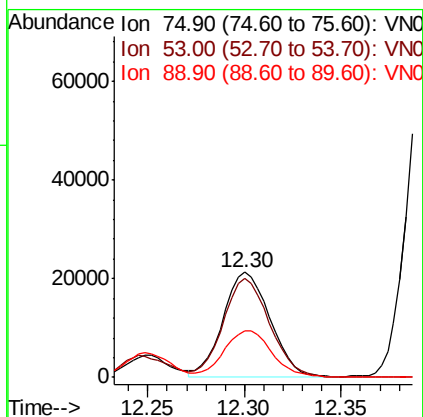
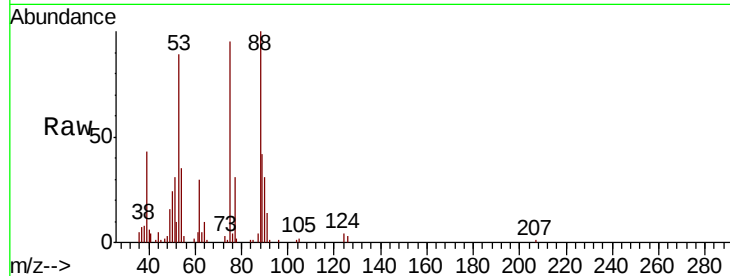
Tot Ion: 75 Resp: 36312

Ion Ratio Lower Upper

75 100

53 92.6 72.2 108.2

89 45.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.57 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050724.D

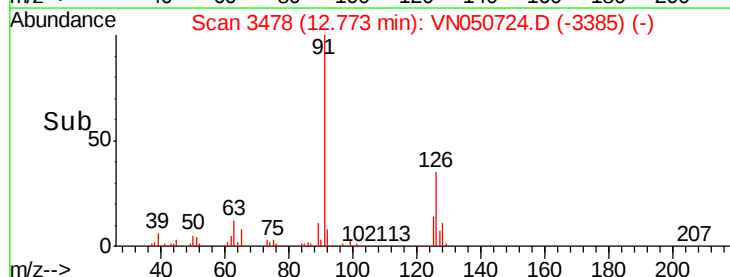
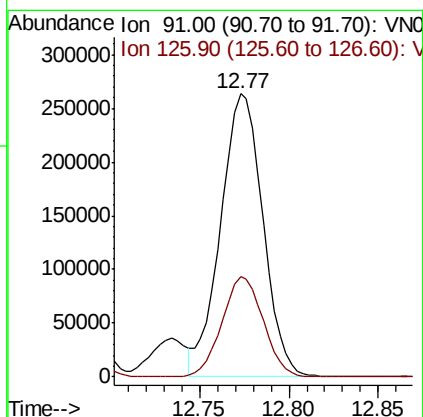
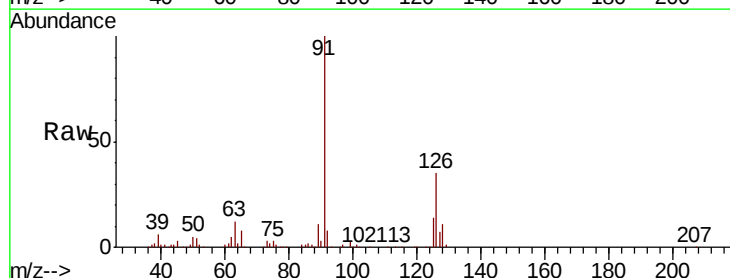
Acq: 17 Aug 2018 12:44

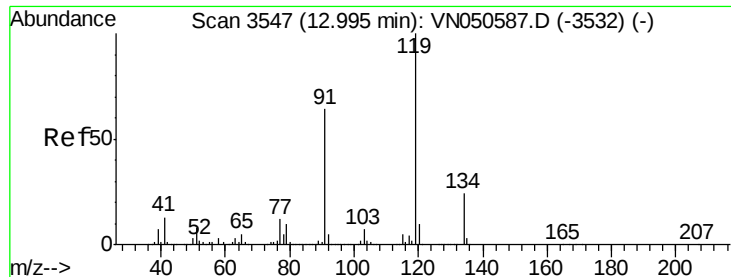
Tgt Ion: 91 Resp: 433757

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

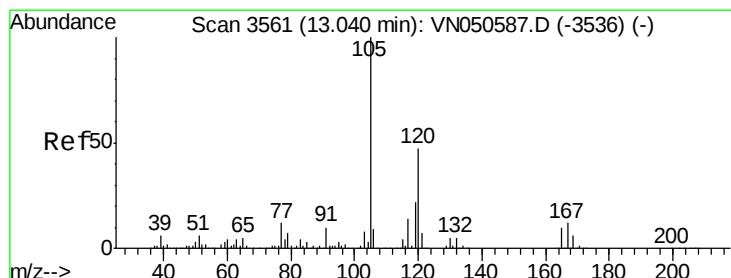
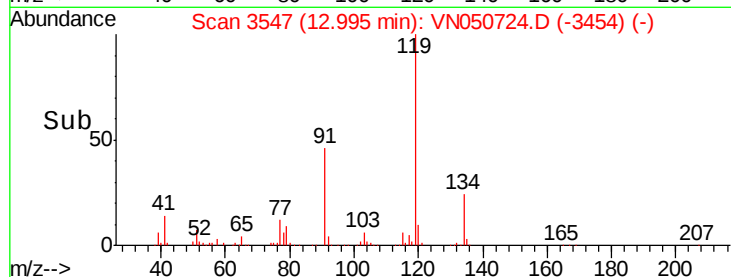
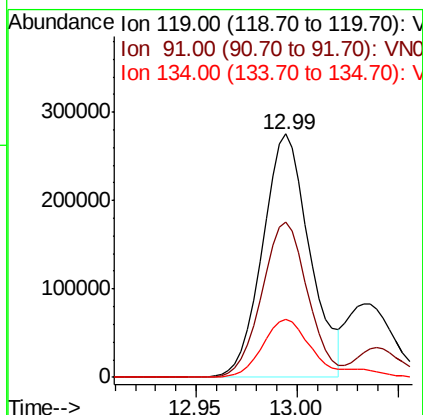
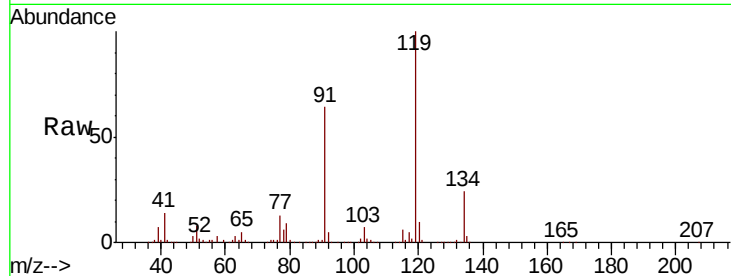




#83
 tert-Butylbenzene
 Concen: 21.00 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

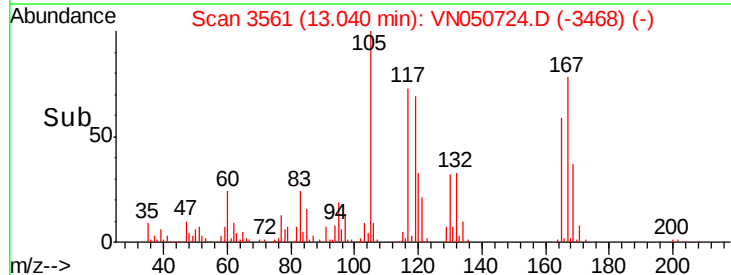
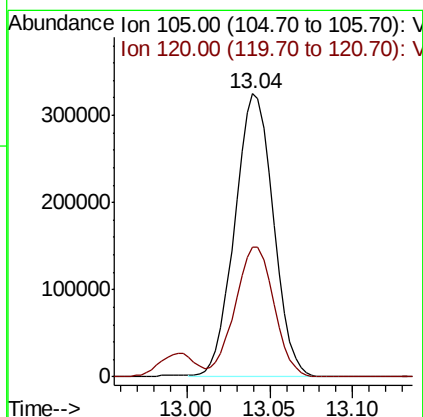
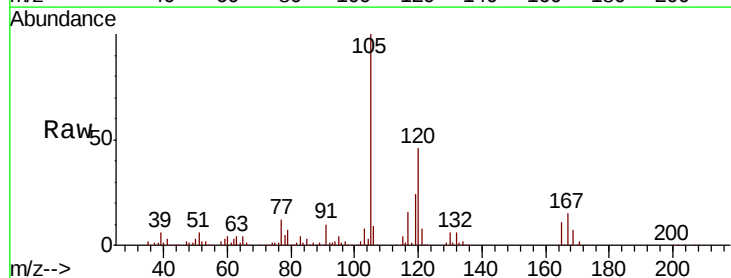
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 448118
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.2 96.6
 134 24.0 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.27 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion:105 Resp: 524782
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.86 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

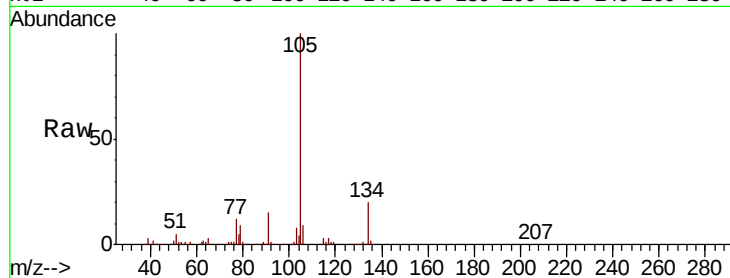
ClientSampled :

Tot Ion:105 Resp: 581633

Ion Ratio Lower Upper

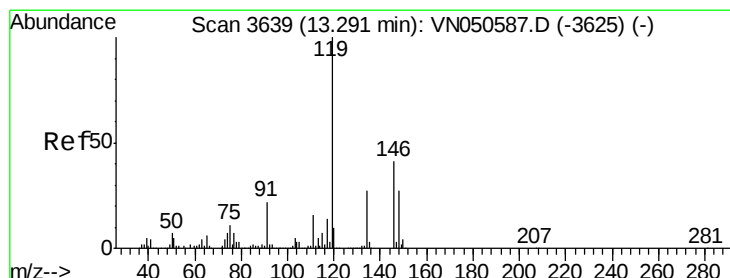
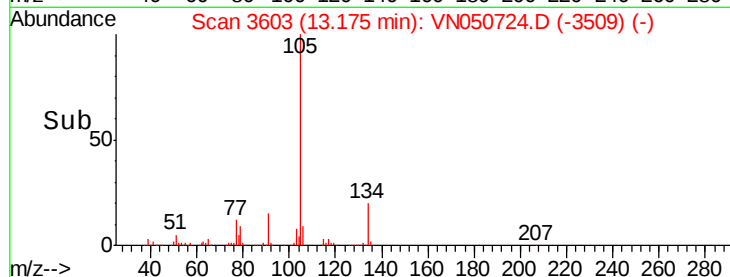
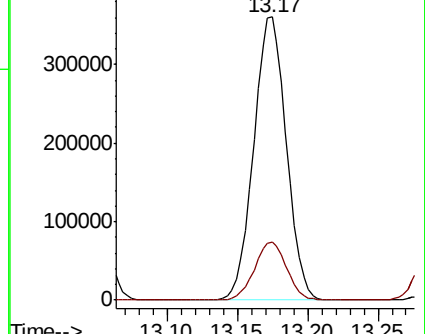
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.10 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

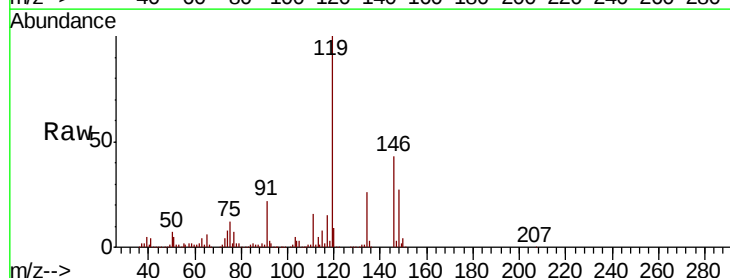
Tgt Ion:119 Resp: 498596

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

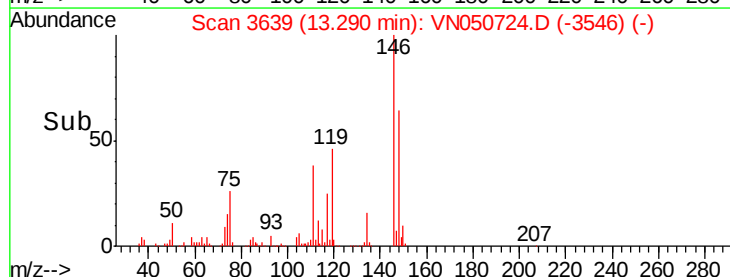
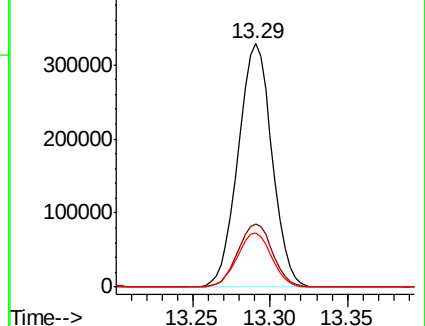
91 22.5 11.2 33.6

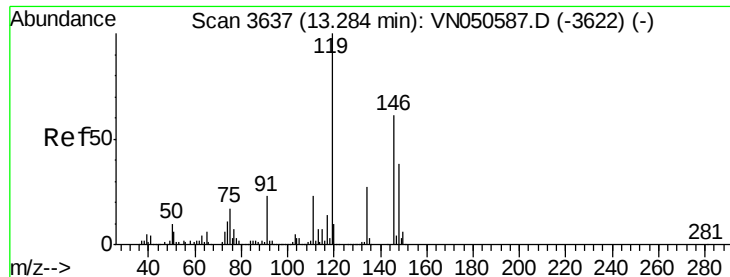


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.51 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

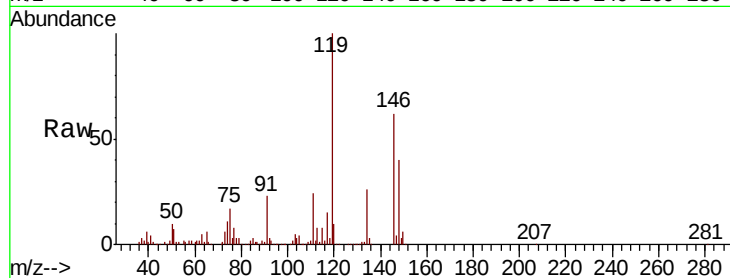
Tot Ion:146 Resp: 276870

Ion Ratio Lower Upper

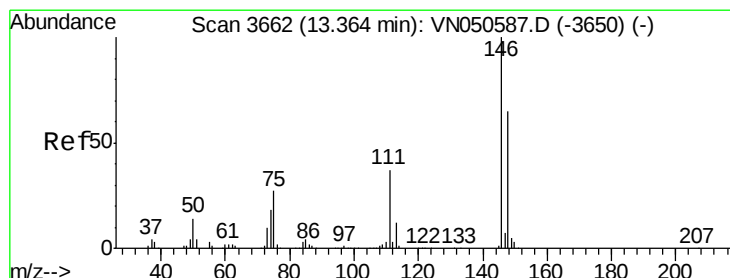
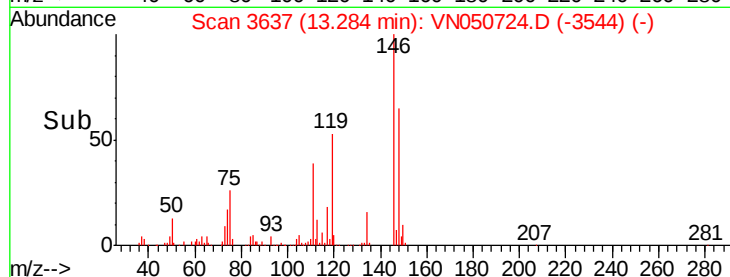
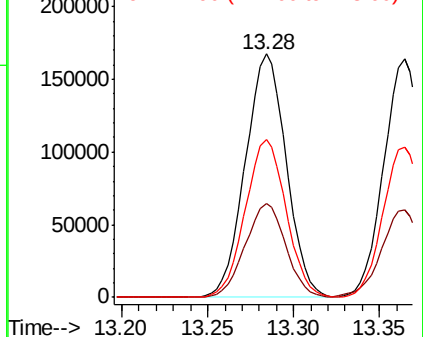
146 100

111 38.1 19.2 57.6

148 64.6 31.9 95.7



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: 19.01 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

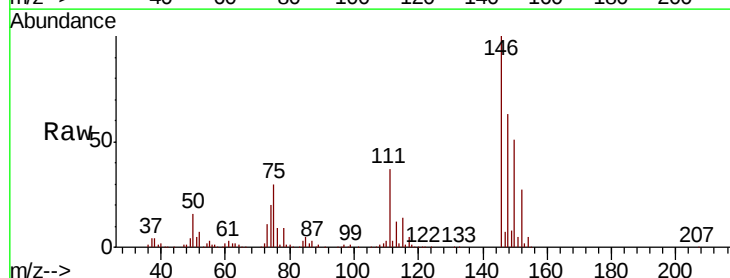
Tgt Ion:146 Resp: 267715

Ion Ratio Lower Upper

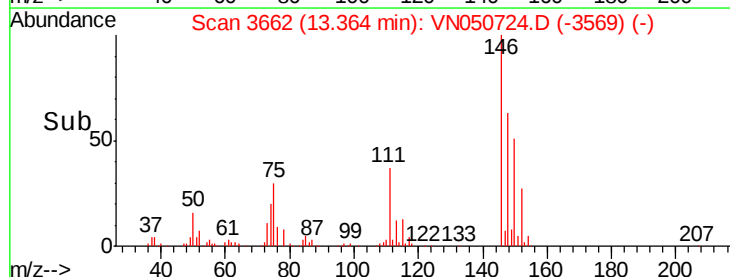
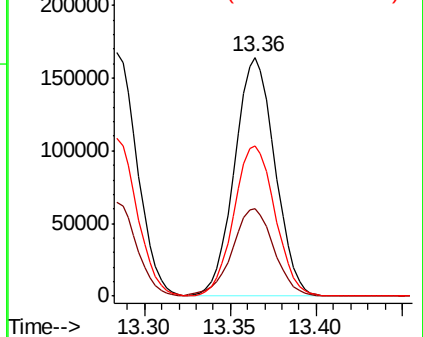
146 100

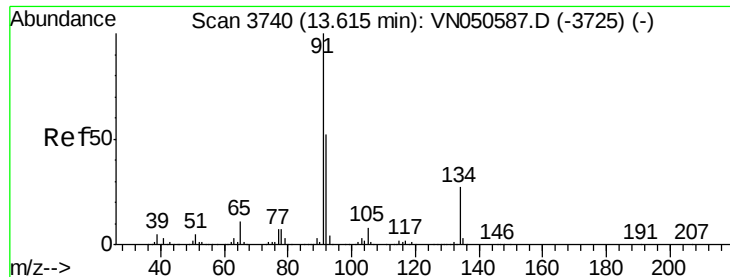
111 38.0 18.8 56.4

148 64.7 32.3 96.8



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

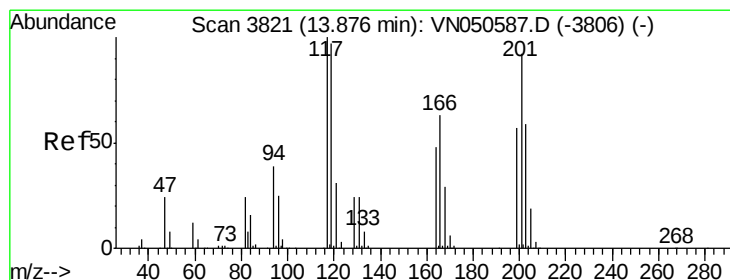
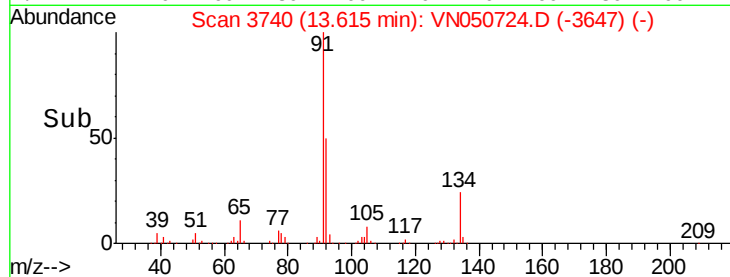
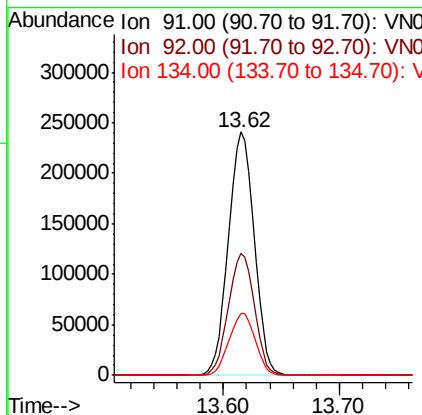
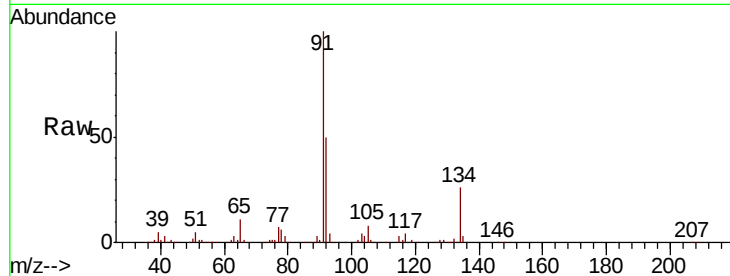




#89
n-Butylbenzene
Concen: 19.42 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

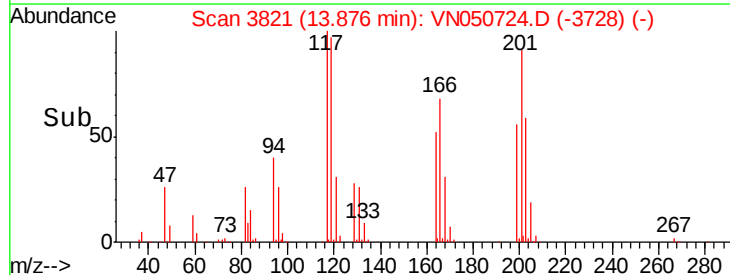
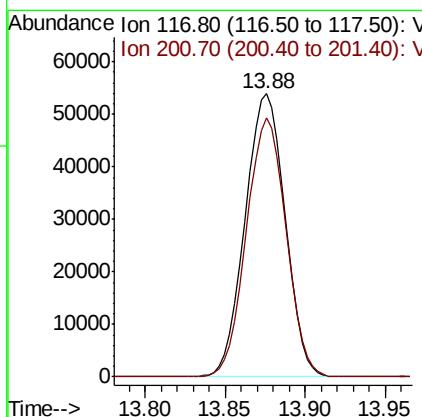
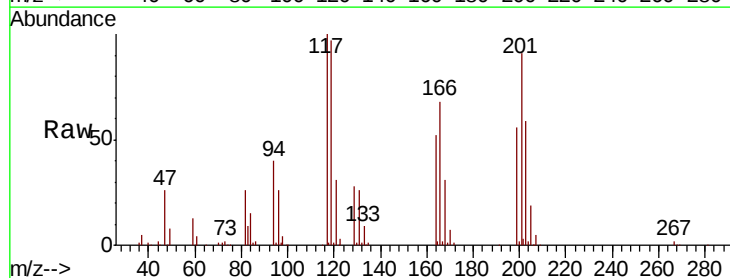
Instrument :
MSVOA_N
ClientSampleId :

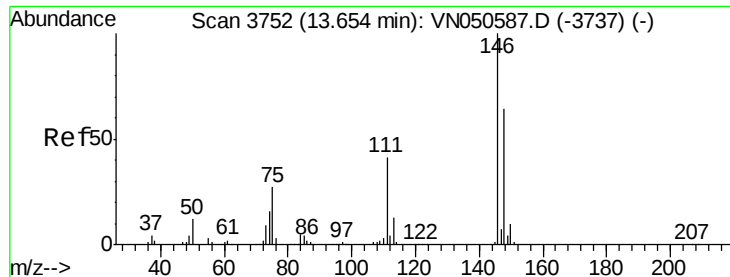
Tot Ion: 91 Resp: 370554
Ion Ratio Lower Upper
91 100
92 50.2 26.3 78.8
134 25.7 13.3 39.9



#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050724.D
Acq: 17 Aug 2018 12:44

Tgt Ion: 117 Resp: 92428
Ion Ratio Lower Upper
117 100
201 90.4 45.5 136.5





#91

1,2-Dichlorobenzene

Concen: 19.63 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

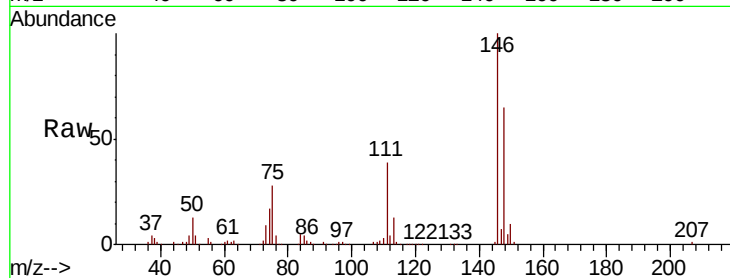
Tot Ion:146 Resp: 271789

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

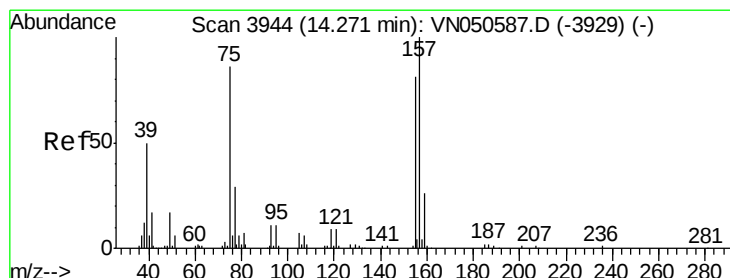
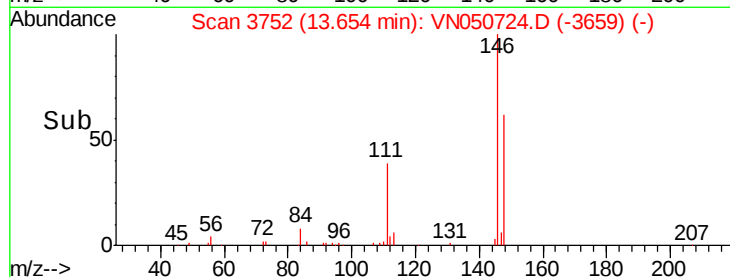
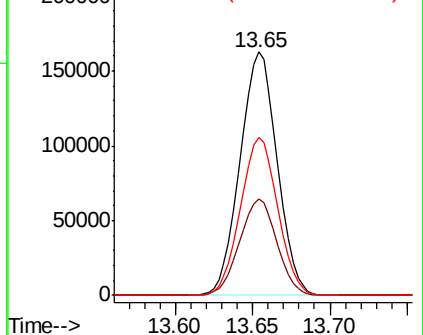
148 65.2 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.89 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

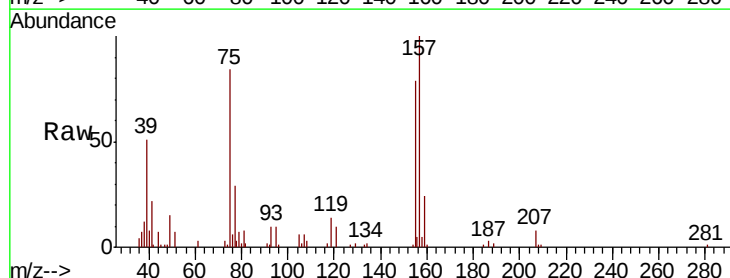
Tgt Ion: 75 Resp: 21786

Ion Ratio Lower Upper

75 100

155 90.0 46.6 139.8

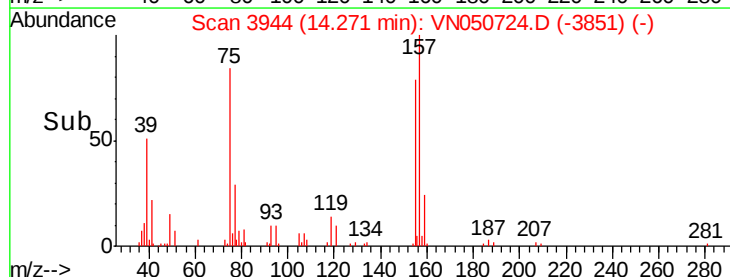
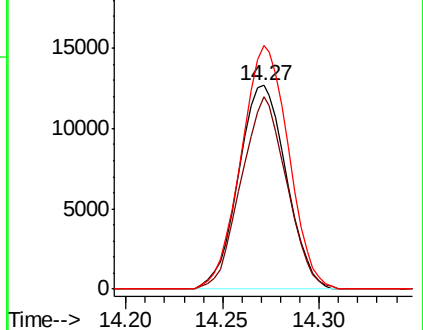
157 118.5 58.1 174.2

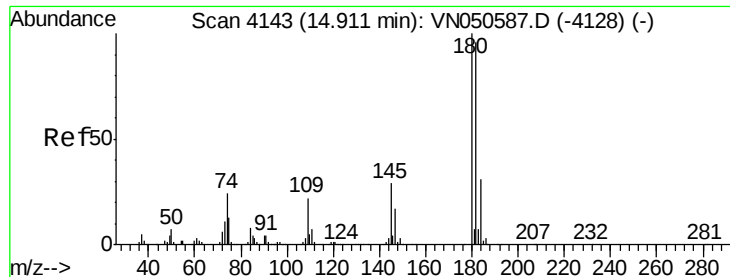


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

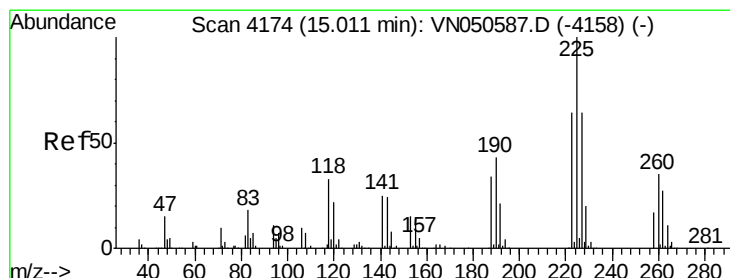
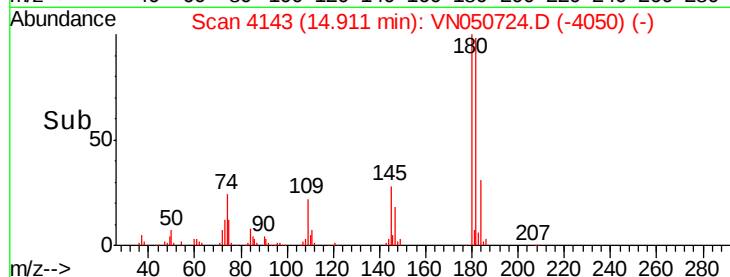
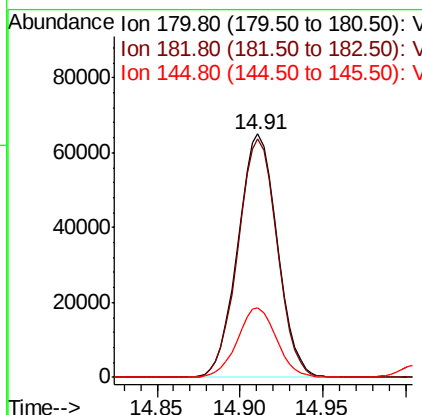
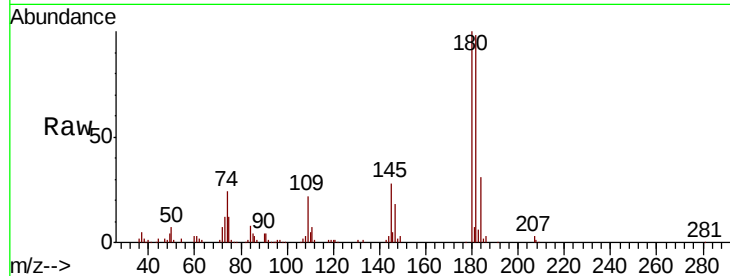




#93
 1,2,4-Trichlorobenzene
 Concen: 16.98 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

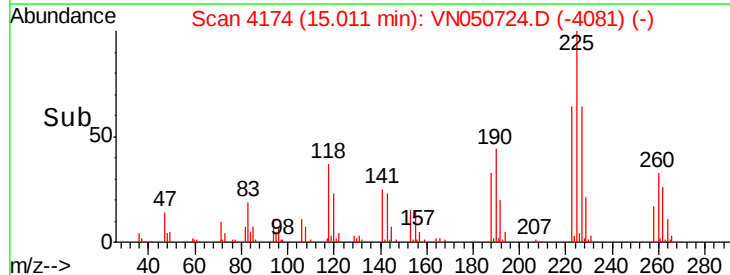
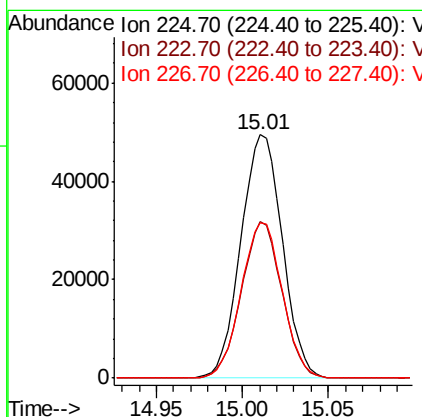
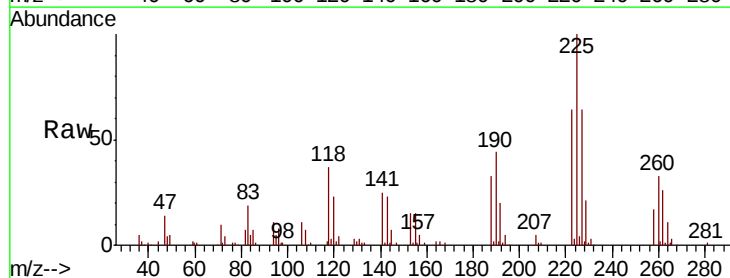
Instrument :
 MSVOA_N
 ClientSampled :

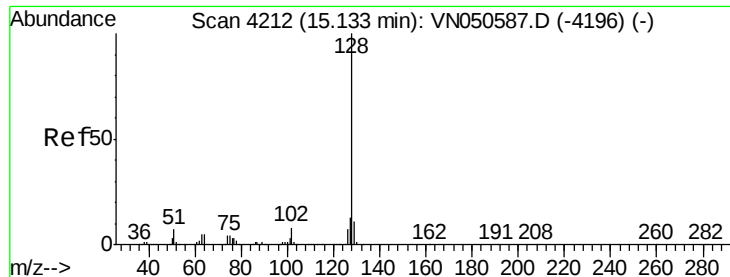
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.7
145	28.3	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 19.59 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050724.D
 Acq: 17 Aug 2018 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.1	96.3
227	63.3	32.0	96.2





#95

Naphthalene

Concen: 16.09 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

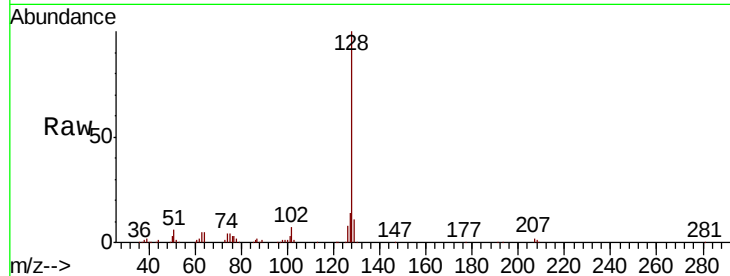
Tot Ion:128 Resp: 200372

Ion Ratio Lower Upper

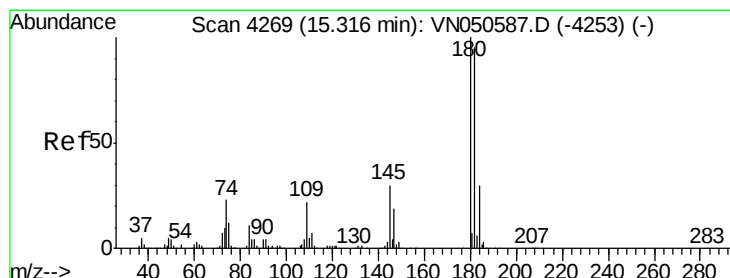
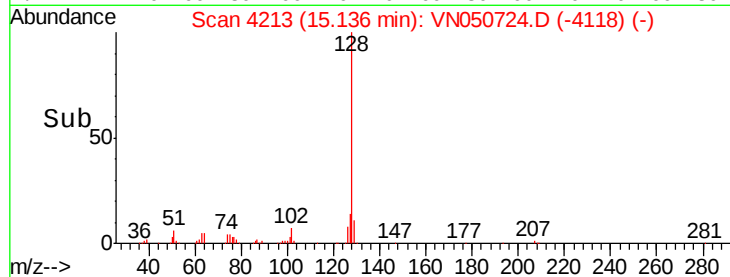
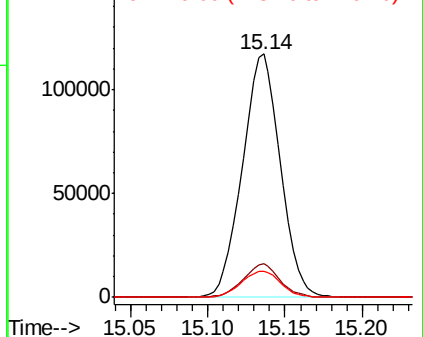
128 100

127 13.3 10.3 15.5

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: 17.77 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050724.D

Acq: 17 Aug 2018 12:44

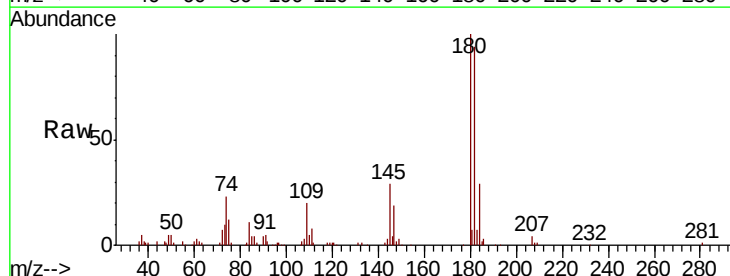
Tgt Ion:180 Resp: 109326

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 29.1 14.6 44.0



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

