

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050674.D
 Acq On : 15 Aug 2018 23:53
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 04:49:34 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	646209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	930935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	443814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	404138	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	369597	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.09	98	1391967	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	461464	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	340395	46.72	ug/l	99
3) Chloromethane	2.06	50	433359	48.80	ug/l	98
4) Vinyl Chloride	2.18	62	456907	47.21	ug/l	100
5) Bromomethane	2.56	94	257326	49.45	ug/l	98
6) Chloroethane	2.70	64	276137	51.39	ug/l	99
7) Trichlorofluoromethane	3.01	101	592931	46.69	ug/l	99
8) Diethyl Ether	3.41	74	214155	50.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	365346	47.58	ug/l	99
10) Methyl Iodide	3.95	142	250717	46.50	ug/l	99
11) Tert butyl alcohol	4.80	59	134826	303.14	ug/l	99
12) 1,1-Dichloroethene	3.73	96	336053	47.93	ug/l	98
13) Acrolein	3.61	56	36249	212.41	ug/l	96
14) Allyl chloride	4.32	41	524896	48.13	ug/l	99
15) Acrylonitrile	5.00	53	677919	277.52	ug/l	100
16) Acetone	3.82	43	584345	287.53	ug/l	98
17) Carbon Disulfide	4.05	76	1024436	46.43	ug/l	100
18) Methyl Acetate	4.33	43	330051	57.85	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	972633	54.50	ug/l	100
20) Methylene Chloride	4.55	84	399034	51.58	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	373927	49.19	ug/l	96
22) Diisopropyl ether	5.96	45	1190264	53.23	ug/l	98
23) Vinyl Acetate	5.90	43	4048003	276.73	ug/l	99
24) 1,1-Dichloroethane	5.85	63	697264	48.19	ug/l	100
25) 2-Butanone	6.84	43	965676	289.15	ug/l	99
26) 2,2-Dichloropropane	6.83	77	401255	41.43	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	417942	49.37	ug/l	98
28) Bromochloromethane	7.20	49	335678	50.98	ug/l	100
29) Tetrahydrofuran	7.22	42	520422	298.44	ug/l	100
30) Chloroform	7.37	83	705744	48.13	ug/l	98
31) Cyclohexane	7.65	56	612482	49.60	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	599022	48.53	ug/l	100
36) 1,1-Dichloropropene	7.79	75	533761	51.51	ug/l	100
37) Ethyl Acetate	6.93	43	356234	60.81	ug/l	99
38) Carbon Tetrachloride	7.78	117	532360	49.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	568041	52.94	ug/l	99
40) Benzene	8.04	78	1622637	51.47	ug/l	99
41) Methacrylonitrile	7.18	41	200659	63.36	ug/l	94
42) 1,2-Dichloroethane	8.13	62	497578	51.50	ug/l	100
43) Isopropyl Acetate	8.17	43	598454	56.06	ug/l	97
44) Trichloroethene	8.84	130	418178	49.52	ug/l	99
45) 1,2-Dichloropropane	9.12	63	427722	50.96	ug/l	99
46) Dibromomethane	9.21	93	258560	52.17	ug/l	97
47) Bromodichloromethane	9.40	83	538475	50.83	ug/l	99
48) Methyl methacrylate	9.20	41	308650	57.46	ug/l	98
49) 1,4-Dioxane	9.20	88	84991	1201.04	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2194278	303.93	ug/l	100
52) Toluene	10.16	92	998610	53.05	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	514534	52.15	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	594869	52.56	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	371190	52.78	ug/l	99
56) Ethyl methacrylate	10.43	69	476591	53.01	ug/l	99
57) 1,3-Dichloropropane	10.71	76	614652	53.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1126548	261.67	ug/l	100
59) 2-Hexanone	10.75	43	1469750	315.41	ug/l	100
60) Dibromochloromethane	10.90	129	415299	53.51	ug/l	99
61) 1,2-Dibromoethane	11.01	107	365331	54.55	ug/l	99
64) Tetrachloroethene	10.63	164	395849	49.45	ug/l	99
65) Chlorobenzene	11.43	112	1072184	49.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	404566	50.31	ug/l	100
67) Ethyl Benzene	11.51	91	1848158	53.35	ug/l	100
68) m/p-Xylenes	11.62	106	1430174	107.95	ug/l	99
69) o-Xylene	11.95	106	684142	54.15	ug/l	99
70) Styrene	11.97	104	1139168	50.69	ug/l	99
71) Bromoform	12.13	173	291375	54.64	ug/l	# 99
73) Isopropylbenzene	12.25	105	1800165	51.91	ug/l	100
74) N-amyl acetate	12.07	43	522553	57.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	473772	59.28	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	547305	76.88	ug/l	# 100
77) Bromobenzene	12.53	156	466208	49.52	ug/l	99
78) n-propylbenzene	12.59	91	2062887	53.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	1229936	51.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1500718	54.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	103841	52.02	ug/l	99
82) 4-Chlorotoluene	12.77	91	1240391	52.07	ug/l	100
83) tert-Butylbenzene	12.99	119	1273022	52.82	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1535850	55.12	ug/l	99
85) sec-Butylbenzene	13.17	105	1678157	53.29	ug/l	100
86) p-Isopropyltoluene	13.29	119	1463415	54.84	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	806181	50.30	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	793378	49.88	ug/l	99
89) n-Butylbenzene	13.62	91	1154463	53.57	ug/l	99
90) Hexachloroethane	13.88	117	257938	48.07	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	791599	50.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68667	55.50	ug/l	97

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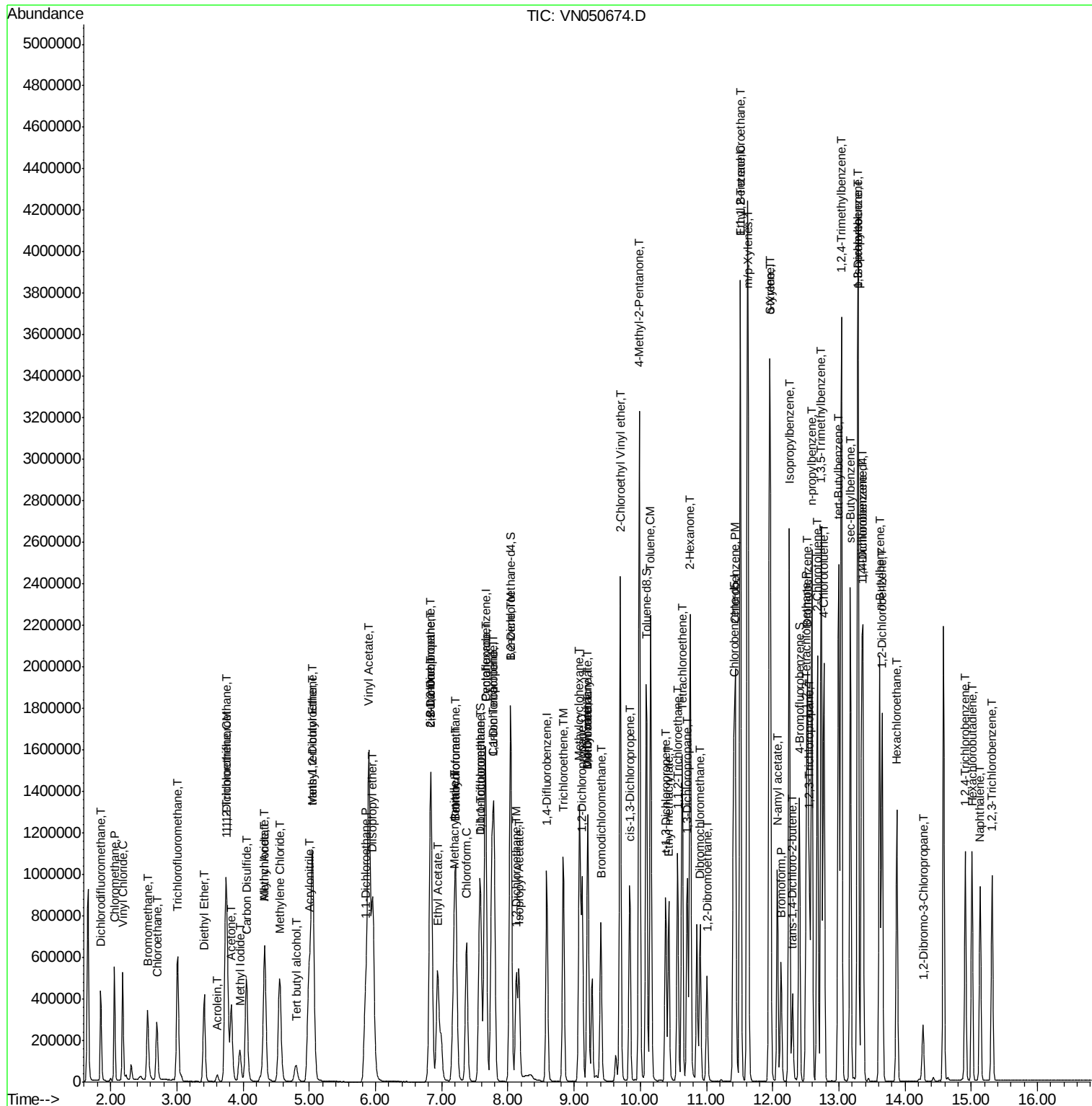
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	387670	48.40	ug/l	99
94) Hexachlorobutadiene	15.01	225	234175	48.85	ug/l	99
95) Naphthalene	15.13	128	821261	48.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	377676	50.37	ug/l	99

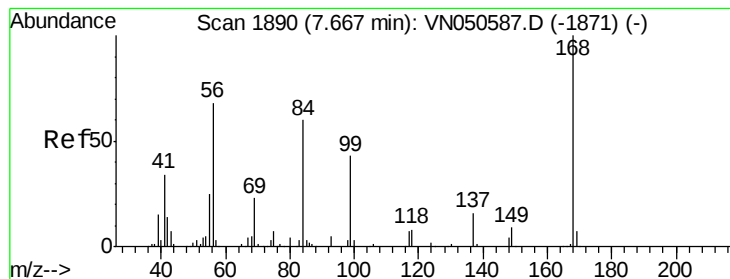
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081518\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

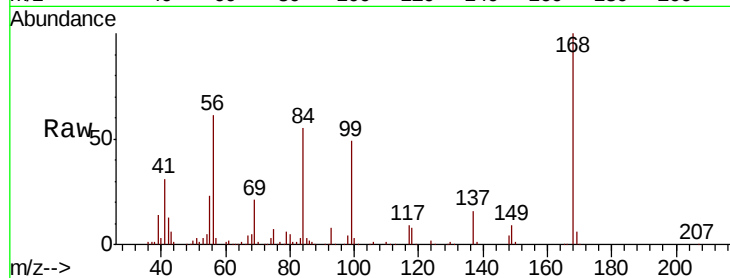
VSTDCCC050

Tot Ion:168 Resp: 646209

Ion Ratio Lower Upper

168 100

99 49.4 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

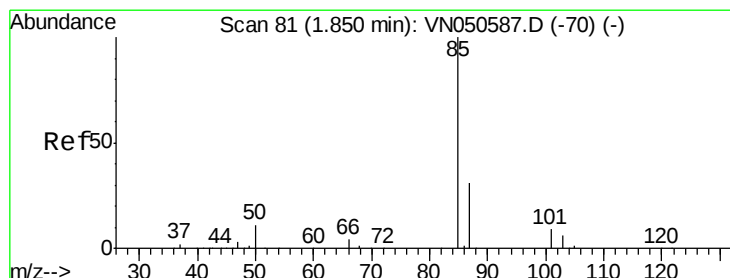
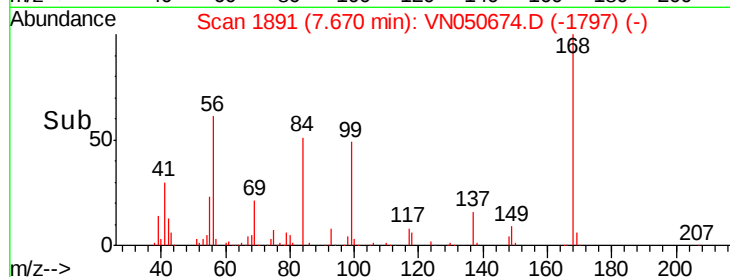
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 46.72 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050674.D

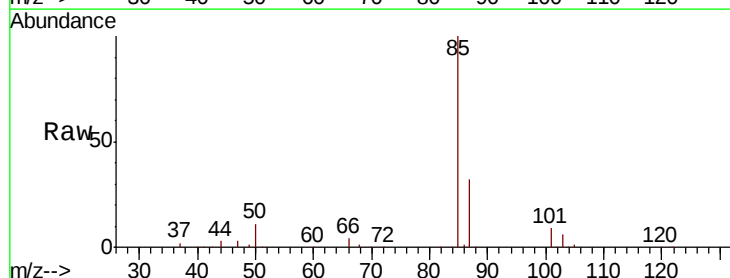
Acq: 15 Aug 2018 23:53

Tgt Ion: 85 Resp: 340395

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

250000

200000

150000

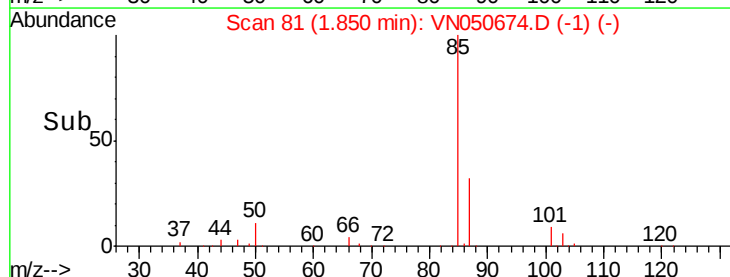
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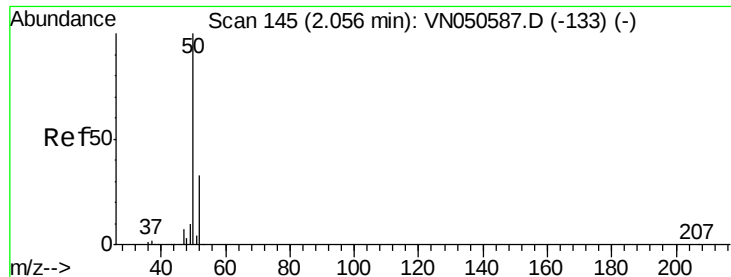
50000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.80 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

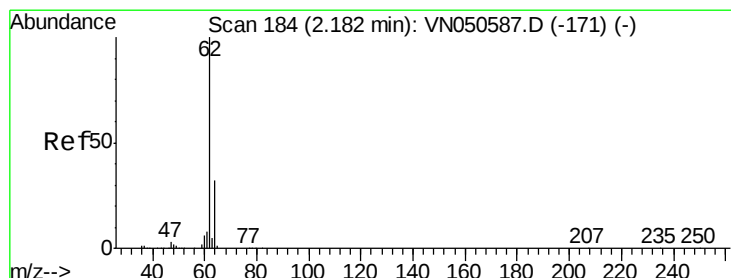
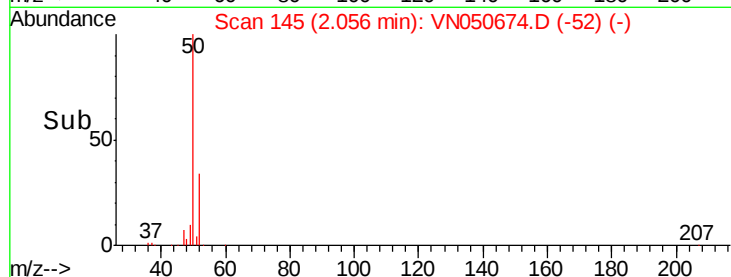
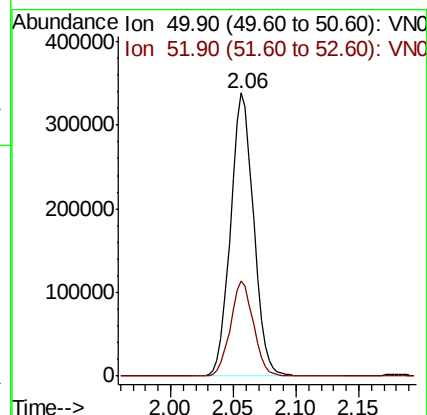
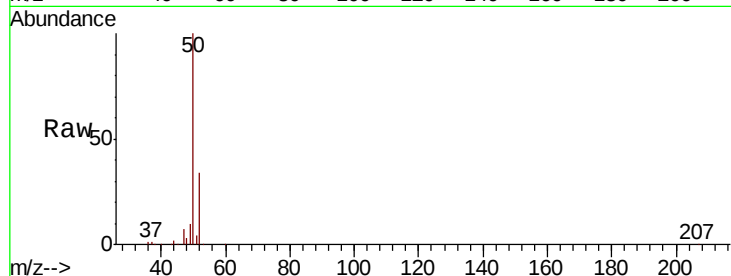
VSTDCCC050

Tot Ion: 50 Resp: 433359

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



#4

Vinyl Chloride

Concen: 47.21 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050674.D

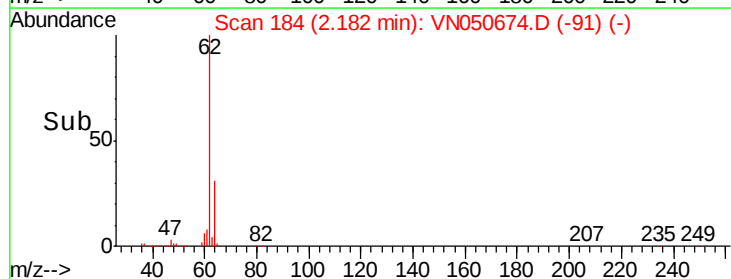
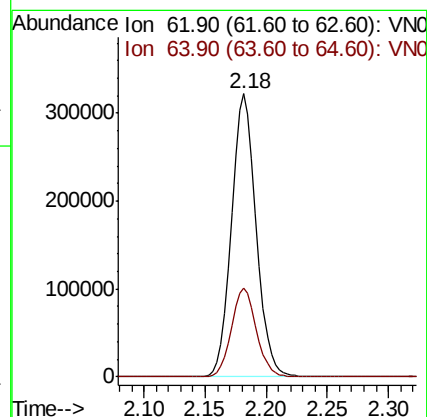
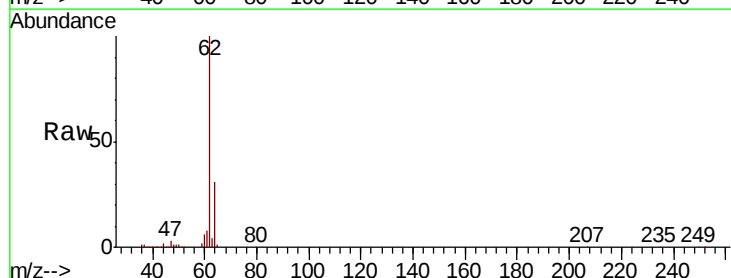
Acq: 15 Aug 2018 23:53

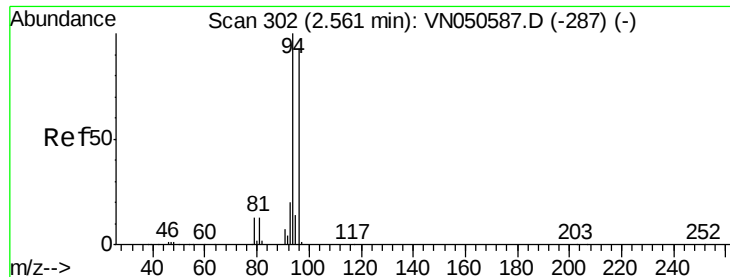
Tgt Ion: 62 Resp: 456907

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 49.45 ug/l

RT: 2.56 min Scan# 301

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

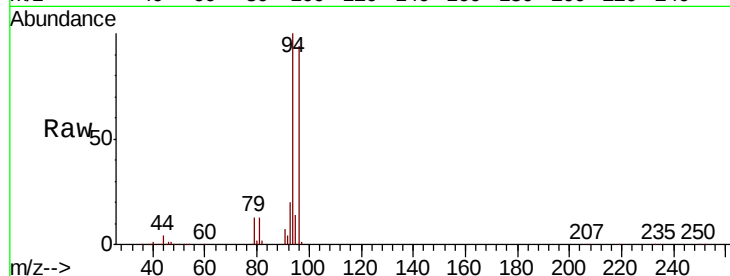
VSTDCCC050

Tot Ion: 94 Resp: 257326

Ion Ratio Lower Upper

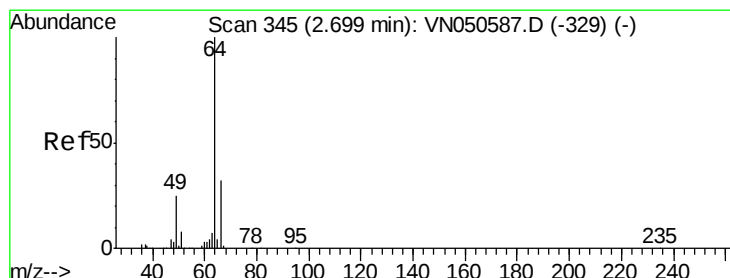
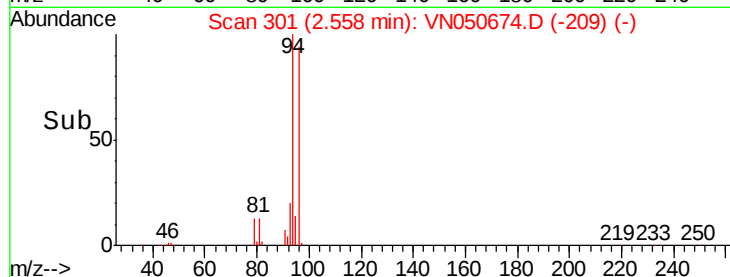
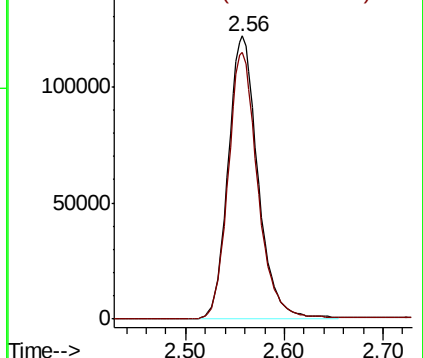
94 100

96 94.4 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: 51.39 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN050674.D

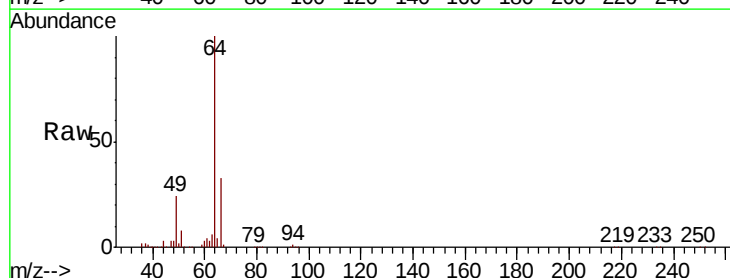
Acq: 15 Aug 2018 23:53

Tgt Ion: 64 Resp: 276137

Ion Ratio Lower Upper

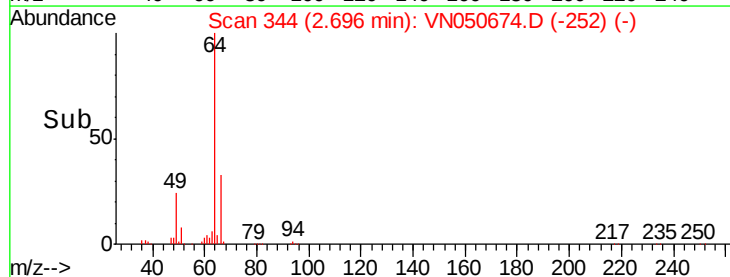
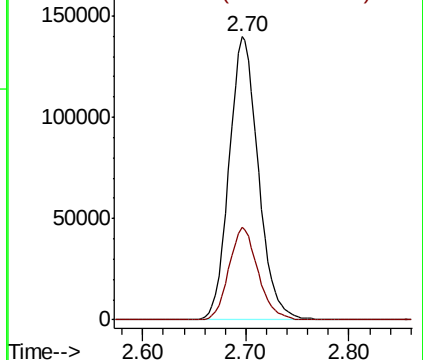
64 100

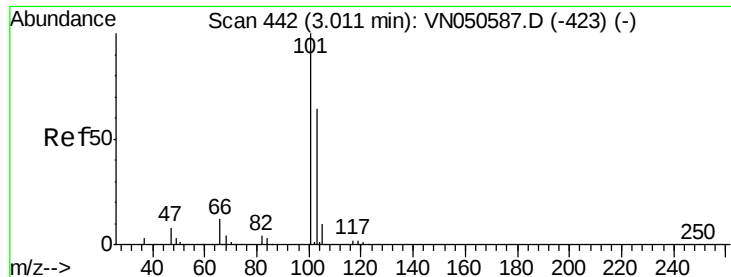
66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



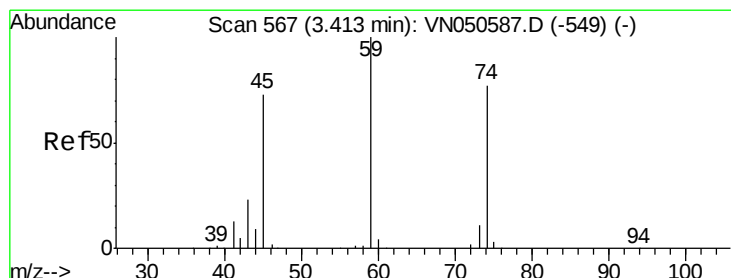
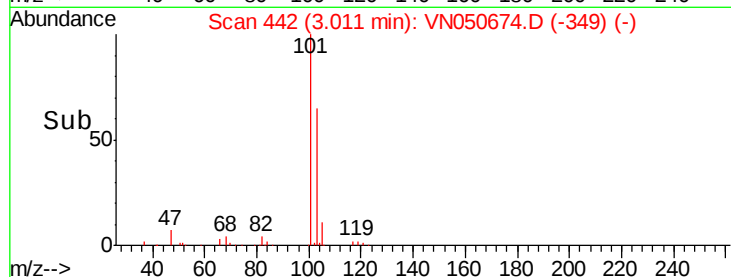
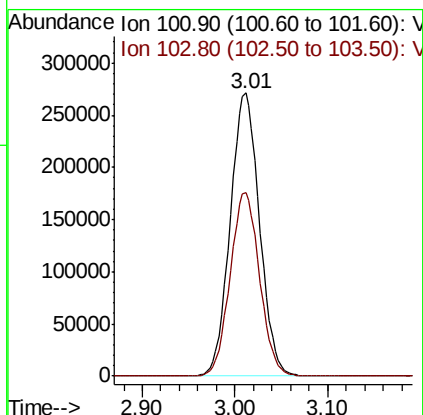
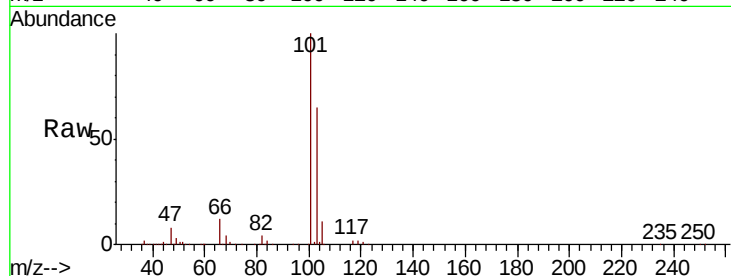


#7

Trichlorofluoromethane
Concen: 46.69 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
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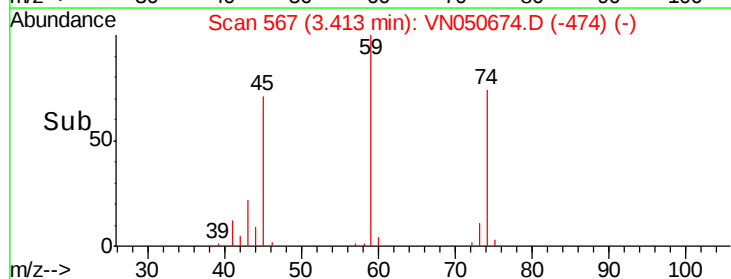
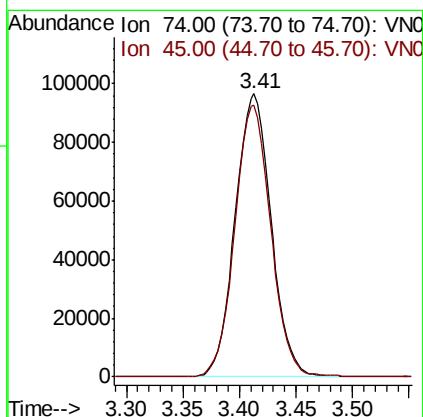
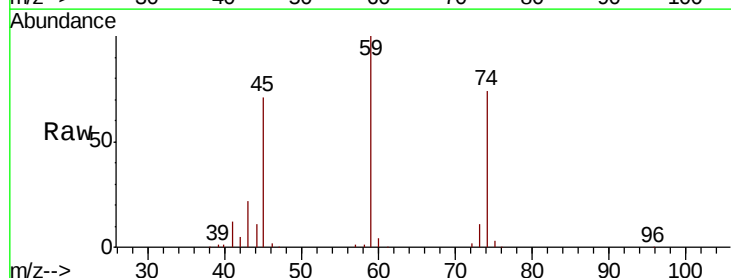
Tot Ion:101 Resp: 592931
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

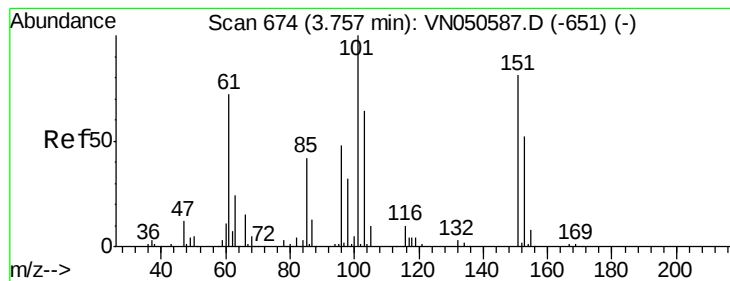


#8

Diethyl Ether
Concen: 50.70 ug/l
RT: 3.41 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 74 Resp: 214155
Ion Ratio Lower Upper
74 100
45 96.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.58 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

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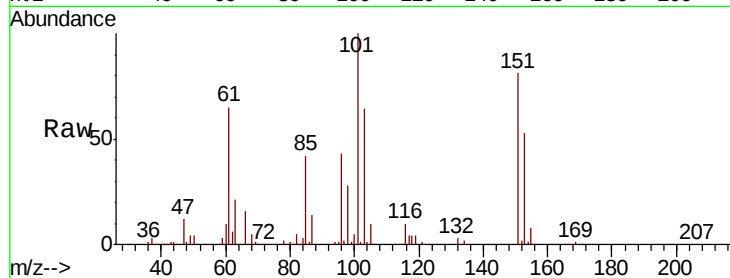
Tot Ion:101 Resp: 365346

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.0

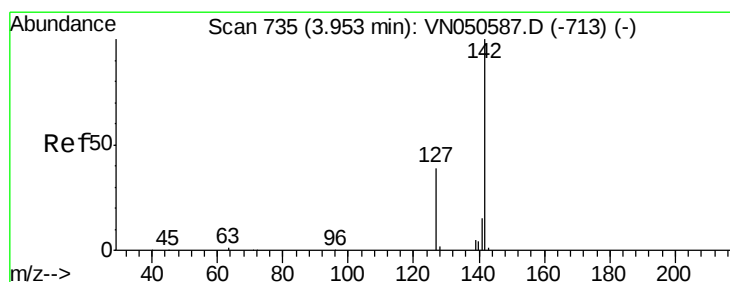
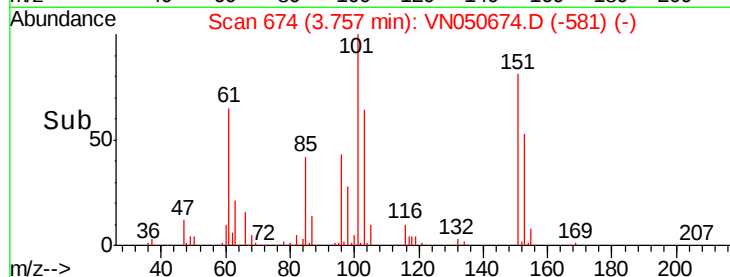
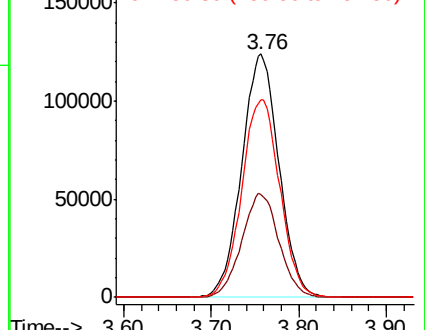
151 83.0 66.6 100.0



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: 46.50 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

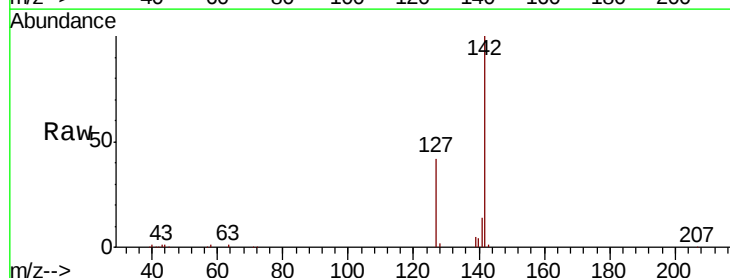
Tgt Ion:142 Resp: 250717

Ion Ratio Lower Upper

142 100

127 41.3 32.6 49.0

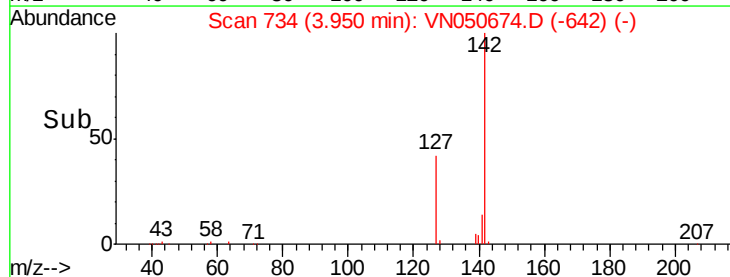
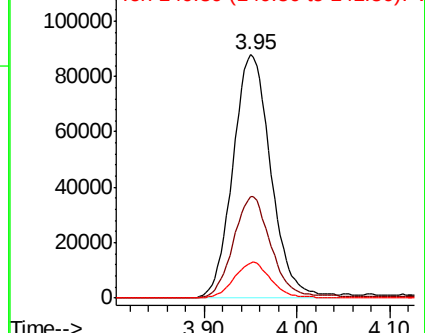
141 14.2 11.5 17.3

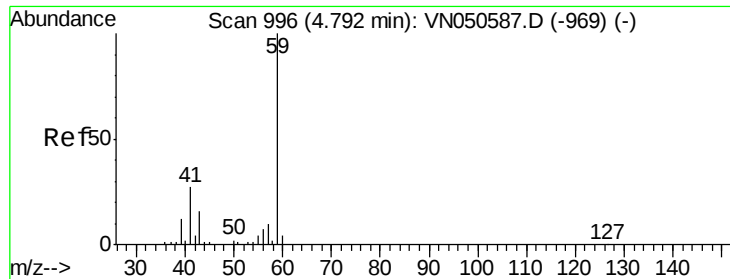


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

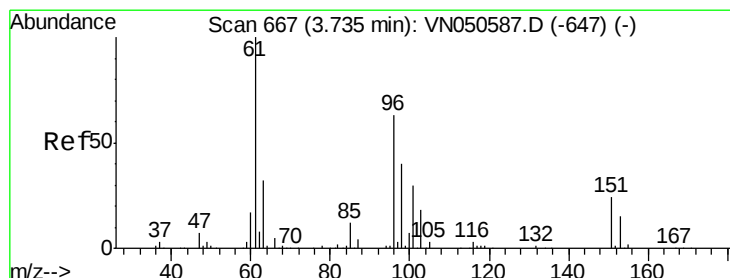
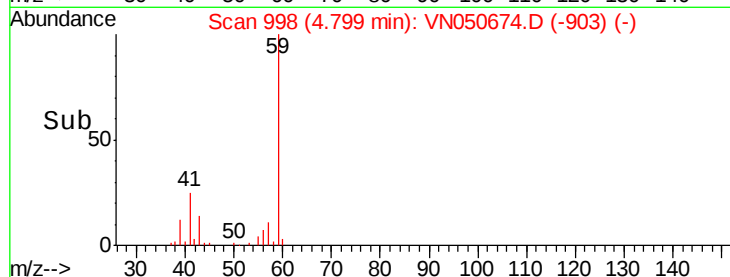
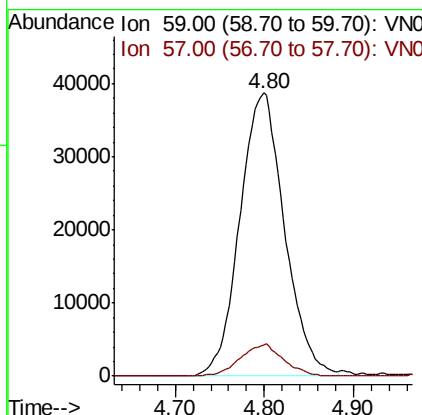
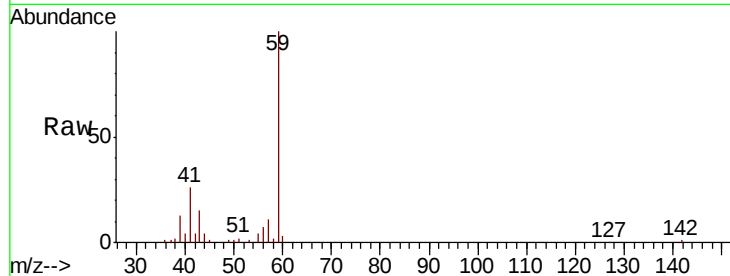




#11
Tert butyl alcohol
Concen: 303.14 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

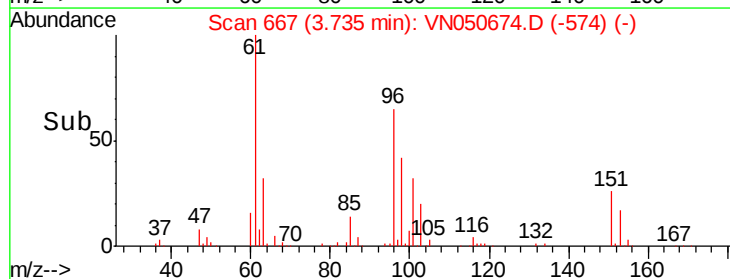
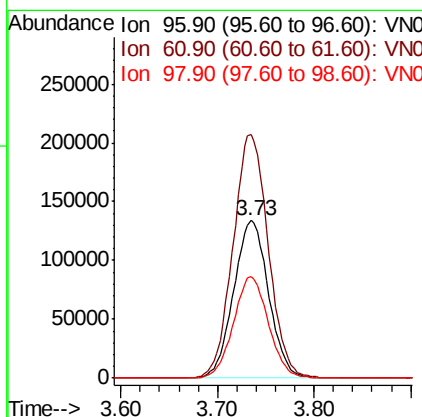
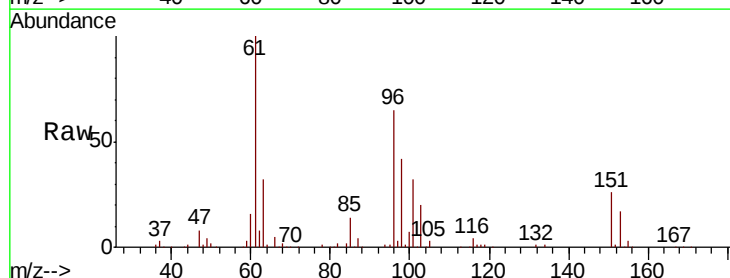
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

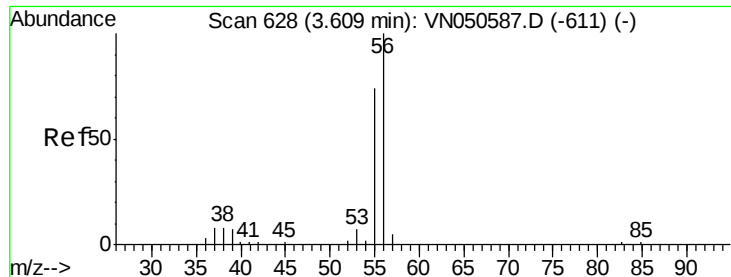
Tot Ion: 59 Resp: 134826
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.93 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 96 Resp: 336053
Ion Ratio Lower Upper
96 100
61 154.6 126.9 190.3
98 64.8 51.1 76.7





#13

Acrolein

Concen: 212.41 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

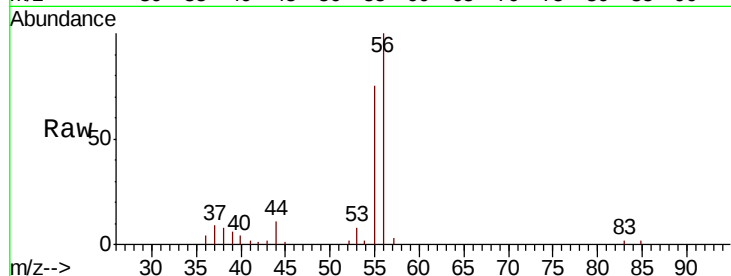
VSTDCCC050

Tot Ion: 56 Resp: 36249

Ion Ratio Lower Upper

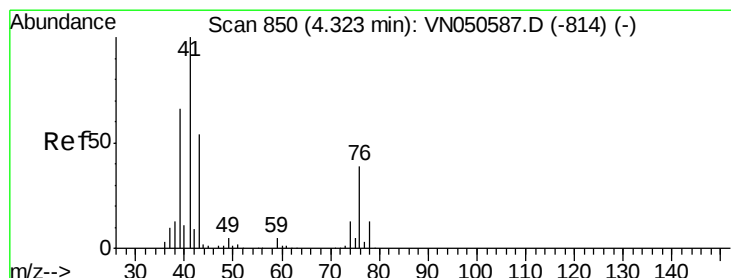
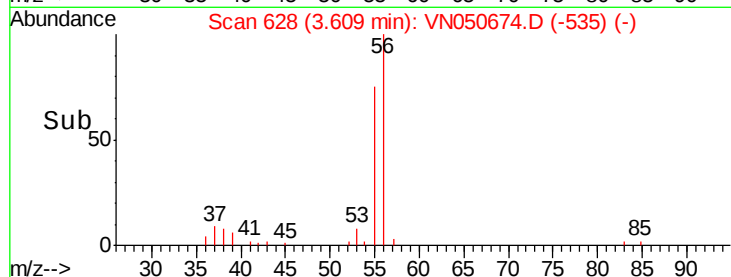
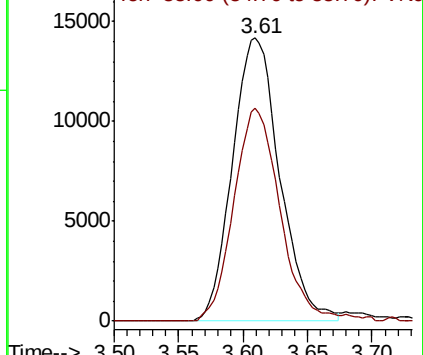
56 100

55 74.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.13 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

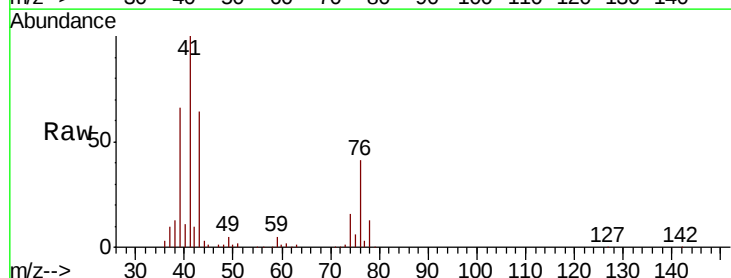
Tgt Ion: 41 Resp: 524896

Ion Ratio Lower Upper

41 100

39 63.3 51.4 77.0

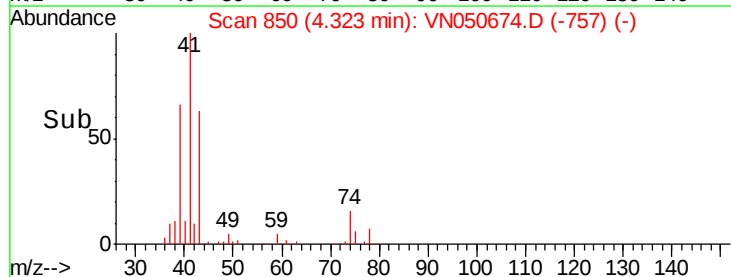
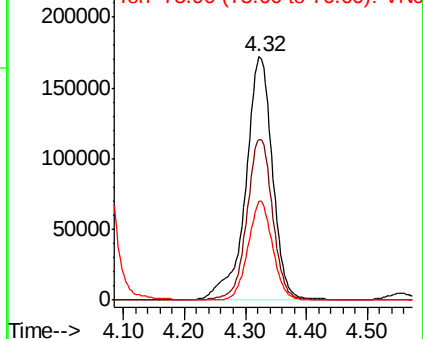
76 37.0 29.4 44.0

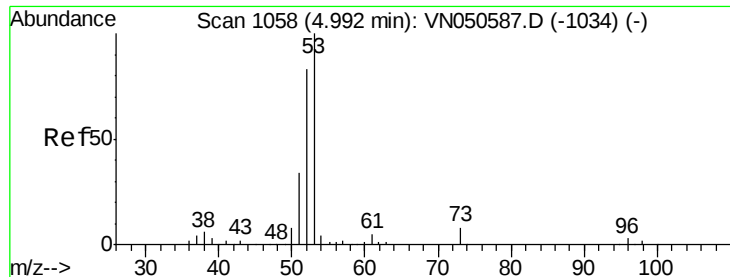


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 277.52 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

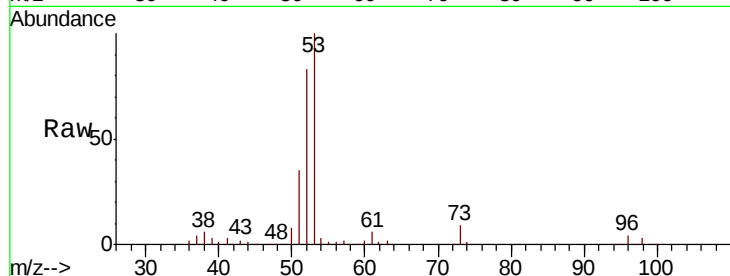
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 677919

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.6	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

250000

200000

150000

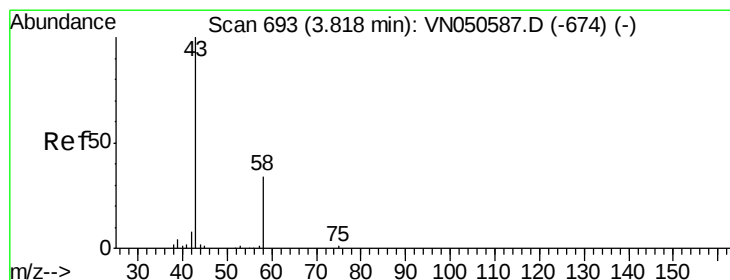
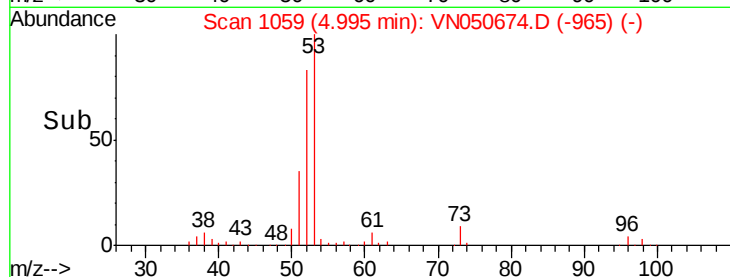
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 287.53 ug/l

RT: 3.82 min Scan# 694

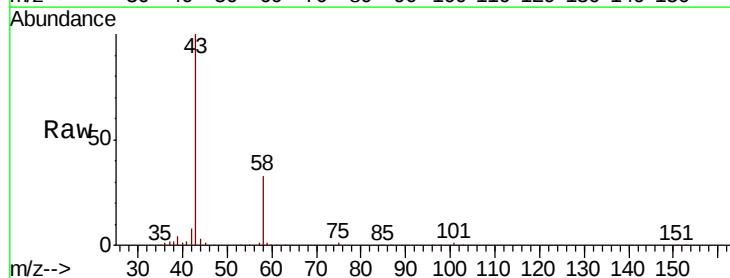
Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion: 43 Resp: 584345

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.1	40.7



Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

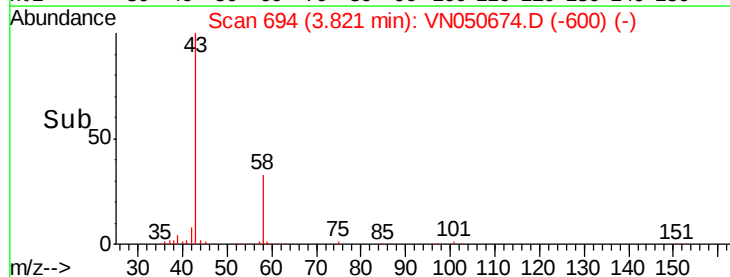
100000

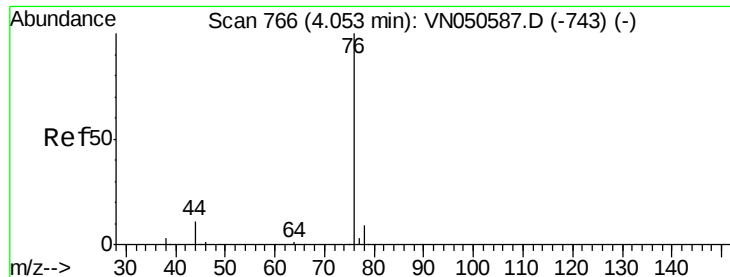
50000

0

3.70 3.80 3.90 4.00

Time-->

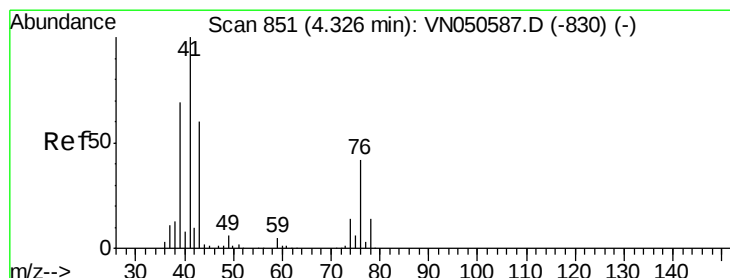
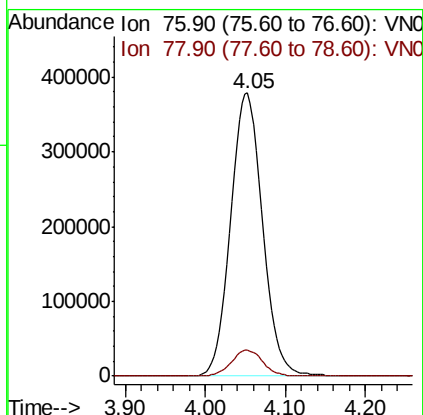
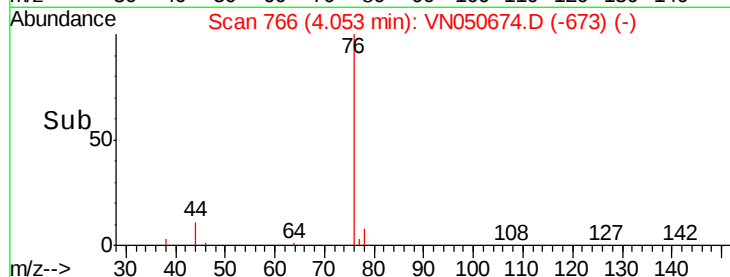
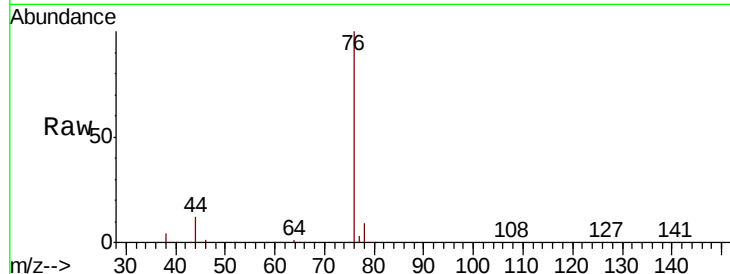




#17
Carbon Disulfide
Concen: 46.43 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

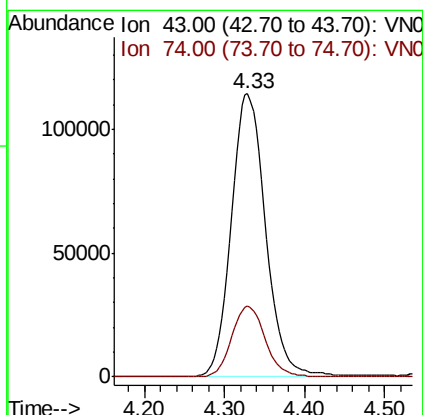
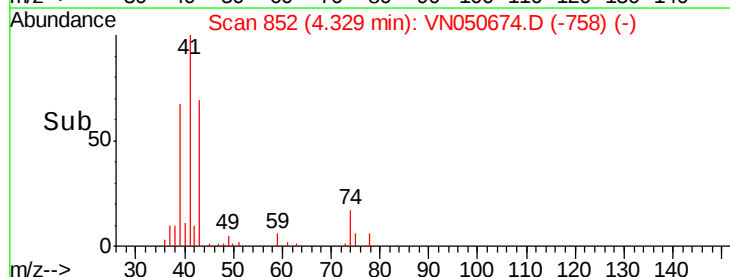
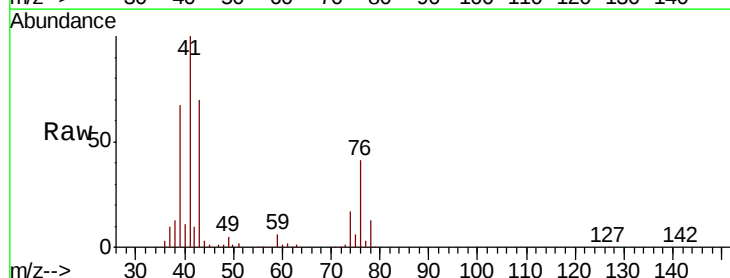
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

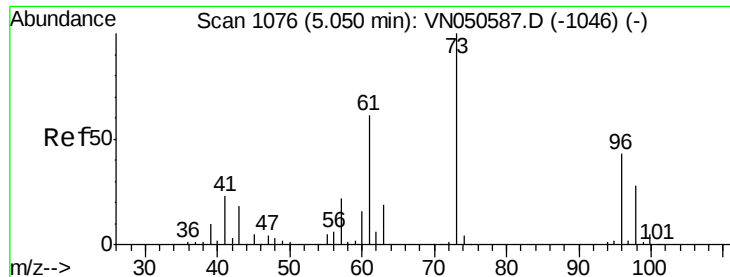
Tot Ion: 76 Resp: 1024436
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 57.85 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 43 Resp: 330051
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5

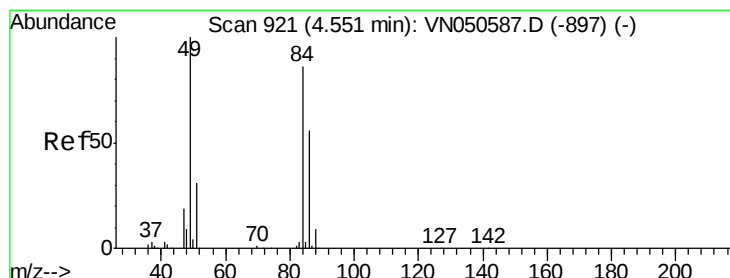
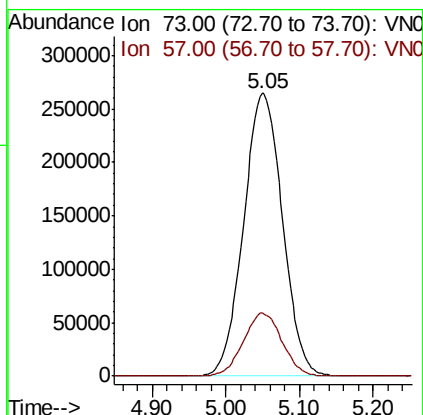
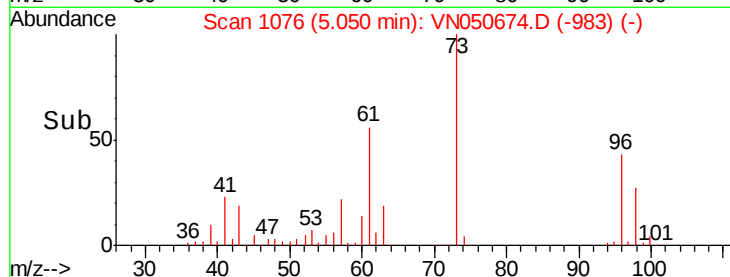
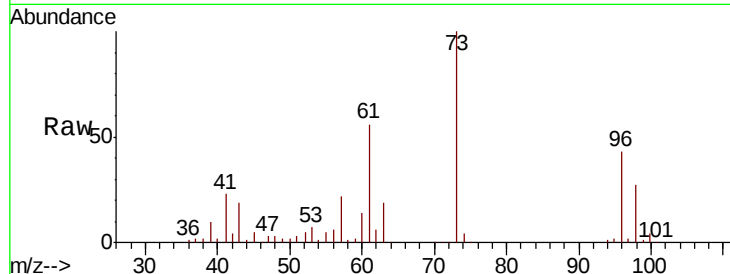




#19
Methvl tert-butvl Ether
Concen: 54.50 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

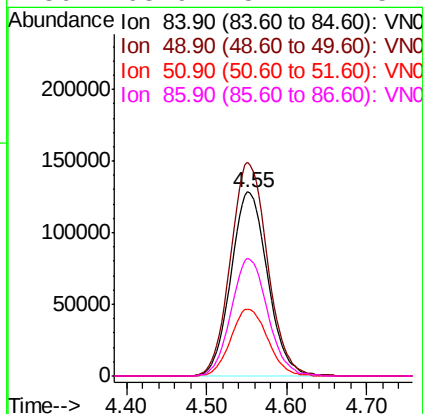
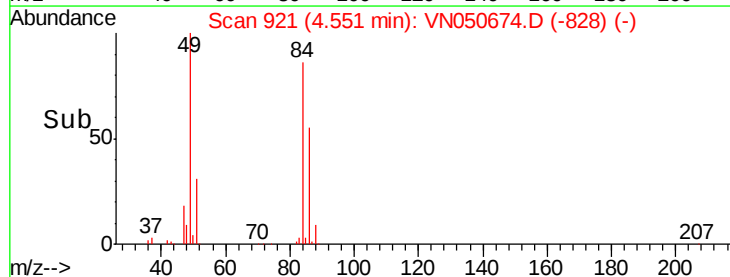
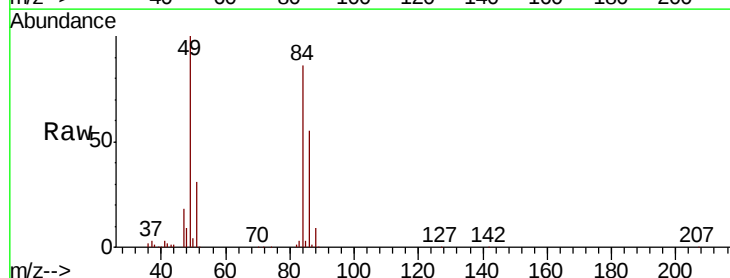
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

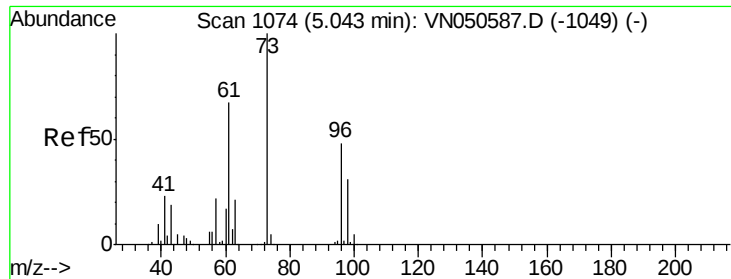
Tot Ion: 73 Resp: 972633
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 51.58 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 84 Resp: 399034
Ion Ratio Lower Upper
84 100
49 116.0 92.6 138.8
51 36.3 28.6 43.0
86 63.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.19 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

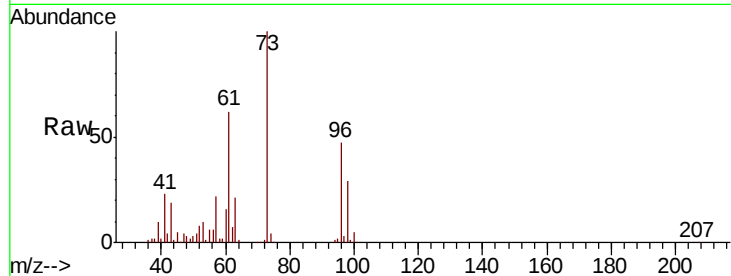
Tot Ion: 96 Resp: 373927

Ion Ratio Lower Upper

96 100

61 133.1 111.2 166.8

98 63.3 51.6 77.4



Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

200000

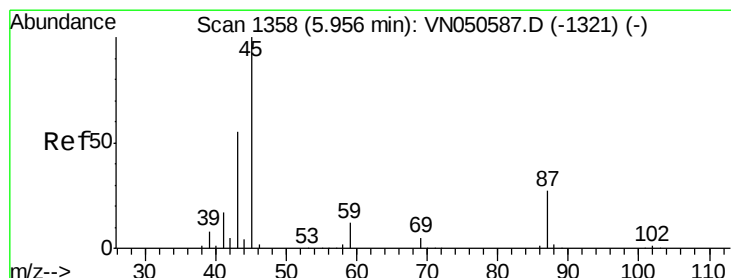
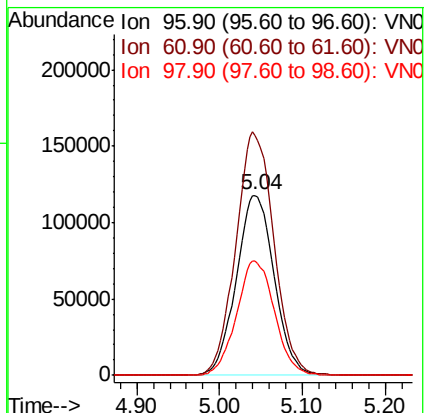
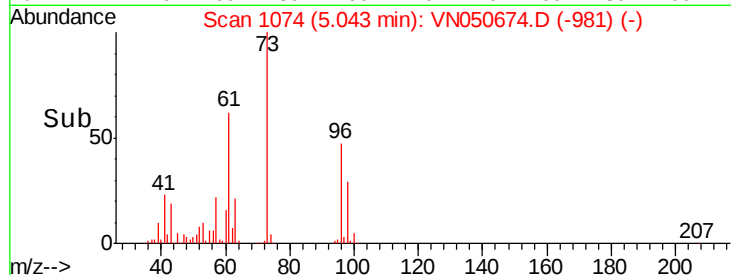
150000

100000

50000

0

Time-->



#22

Diisopropyl ether

Concen: 53.23 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion: 45 Resp: 1190264

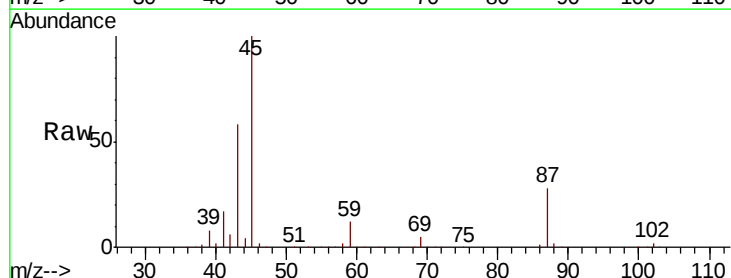
Ion Ratio Lower Upper

45 100

43 57.4 44.5 66.7

87 28.3 22.2 33.2

59 12.2 9.5 14.3



Abundance

Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO

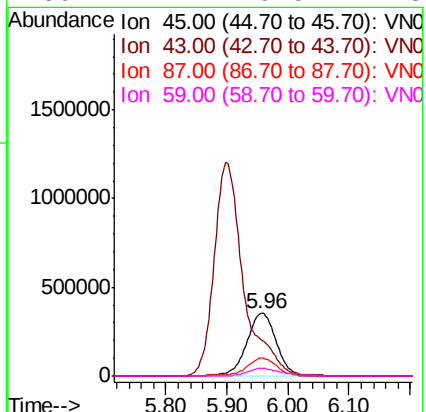
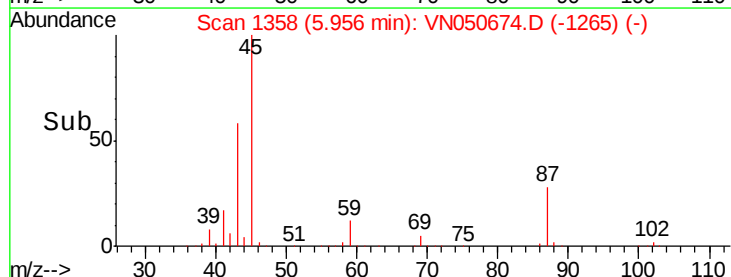
1500000

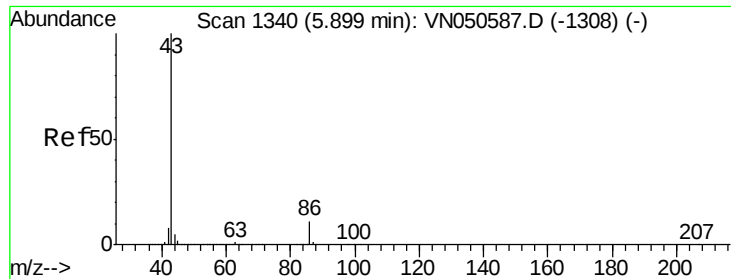
1000000

500000

0

Time-->





#23

Vinyl Acetate

Concen: 276.73 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

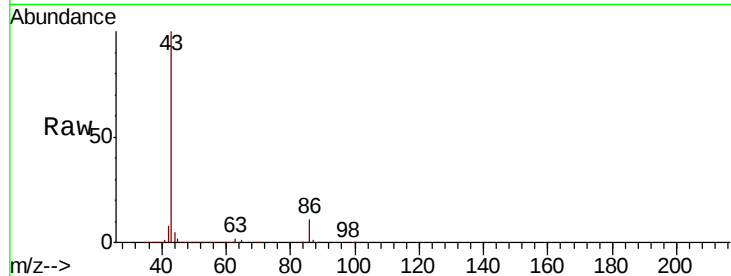
VSTDCCC050

Tot Ion: 43 Resp: 4048003

Ion Ratio Lower Upper

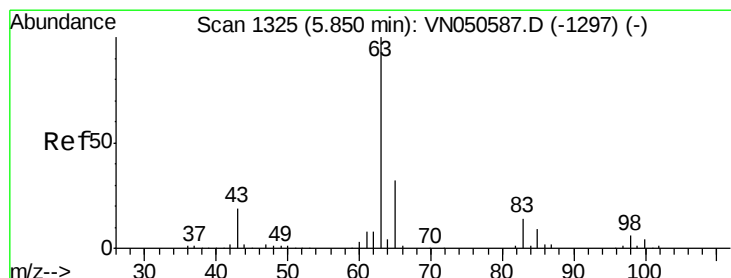
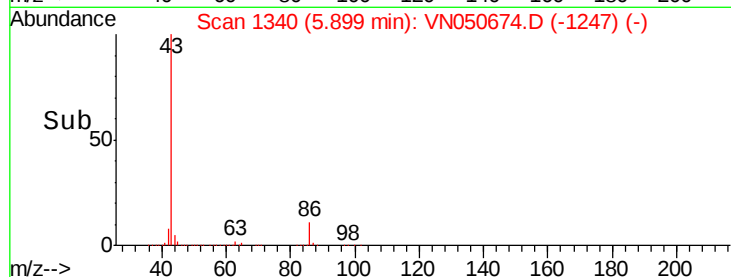
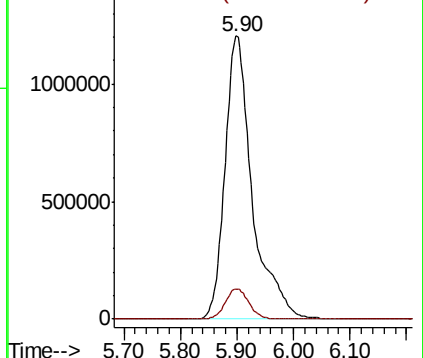
43 100

86 10.7 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: 48.19 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

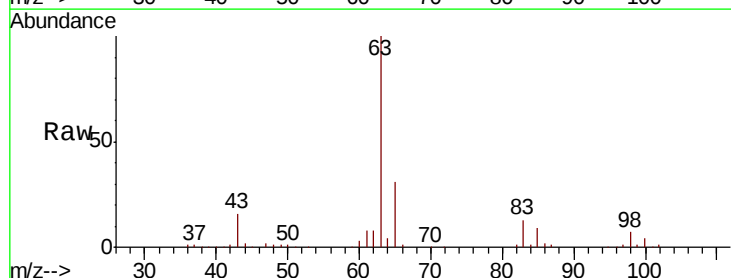
Tgt Ion: 63 Resp: 697264

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

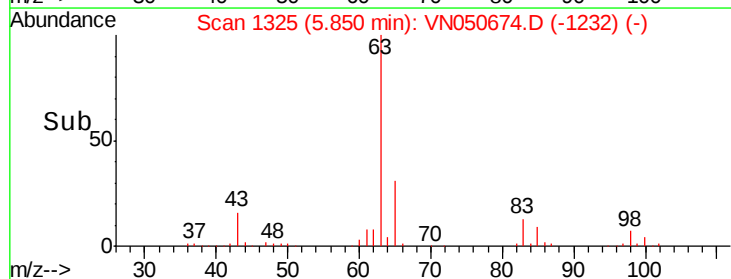
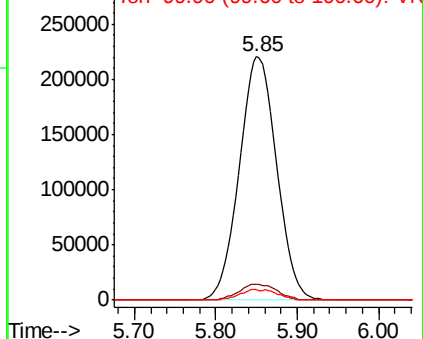
100 4.1 2.1 6.5

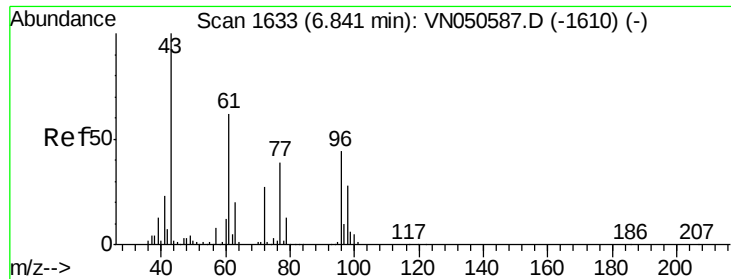


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

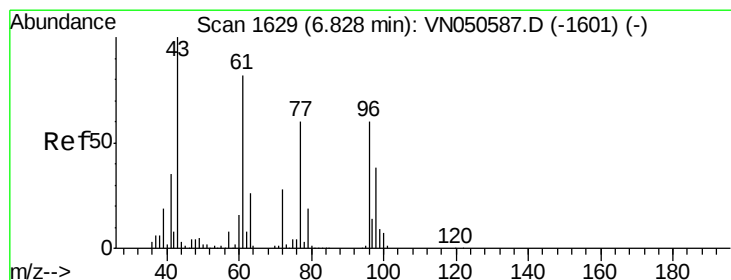
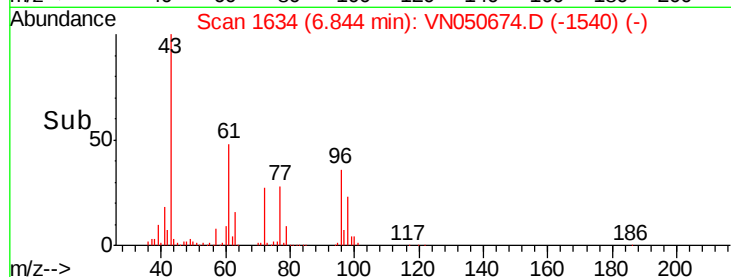
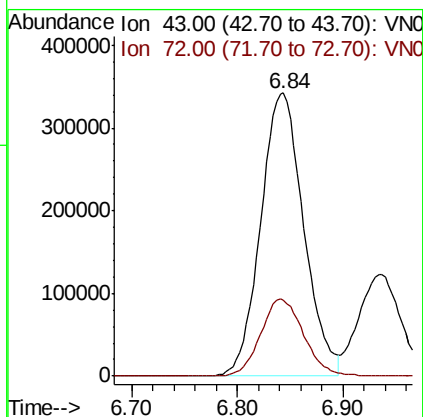
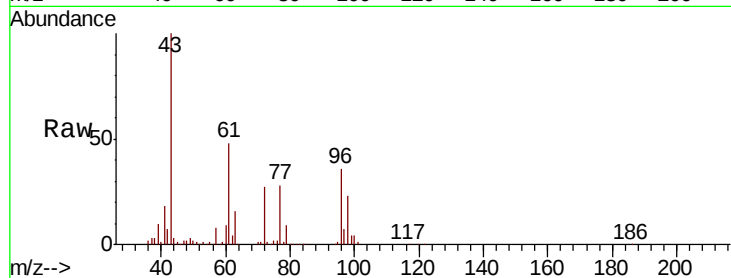




#25
2-Butanone
Concen: 289.15 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

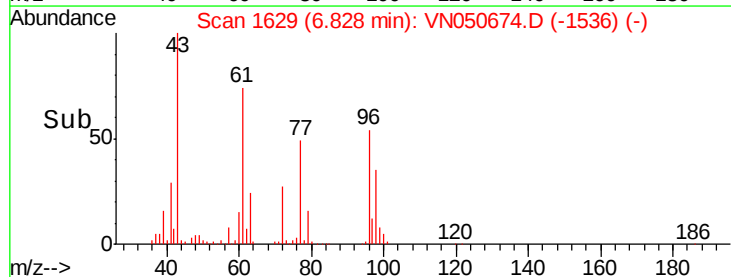
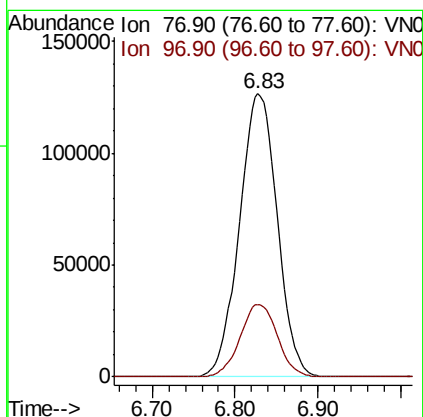
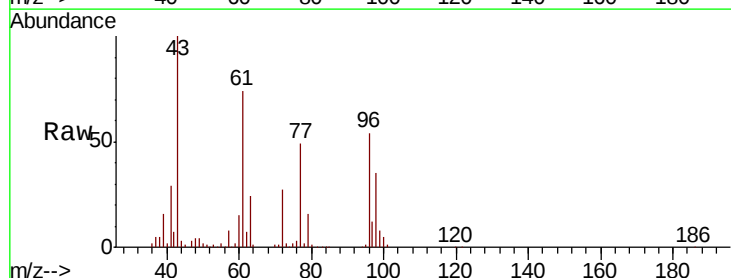
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

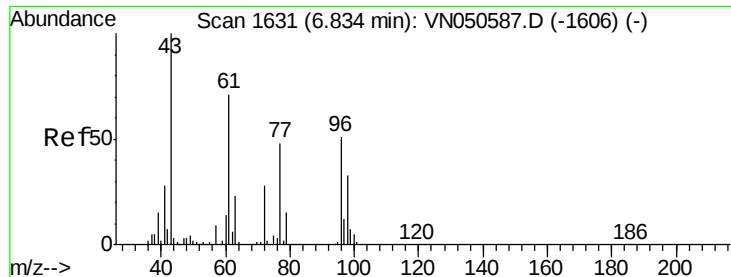
Tot Ion: 43 Resp: 965676
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.6



#26
2,2-Dichloropropane
Concen: 41.43 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 77 Resp: 401255
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 49.37 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

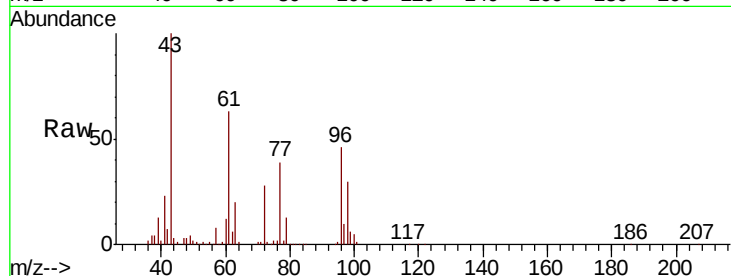
Tot Ion: 96 Resp: 417942

Ion Ratio Lower Upper

96 100

61 136.6 0.0 278.2

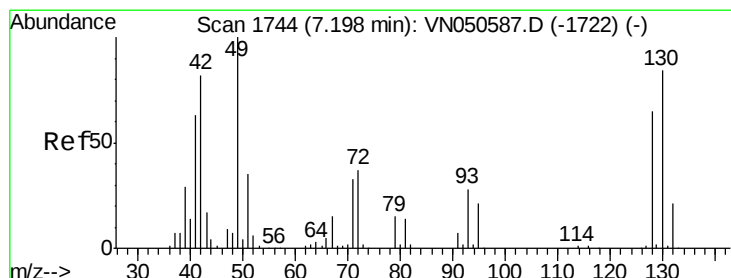
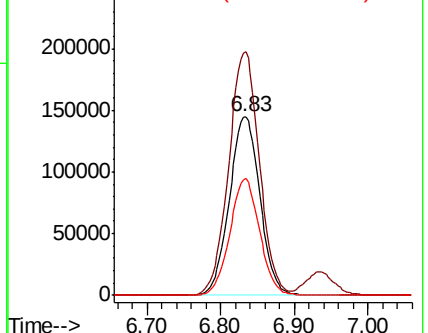
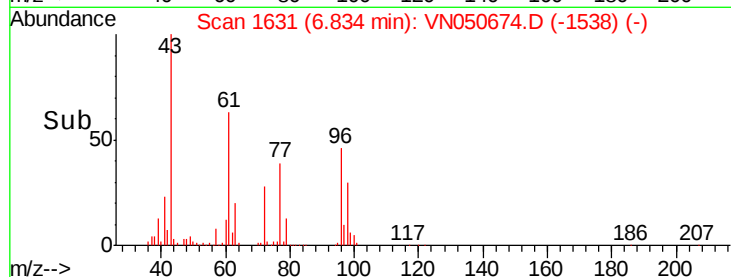
98 63.7 0.0 128.8



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: 50.98 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

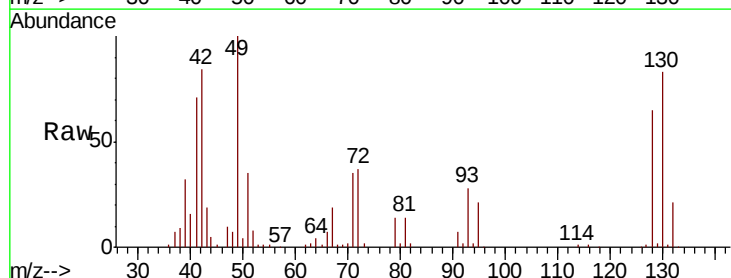
Tgt Ion: 49 Resp: 335678

Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.2

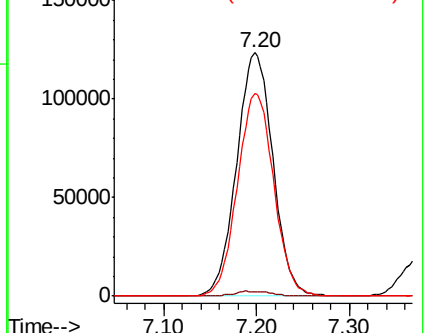
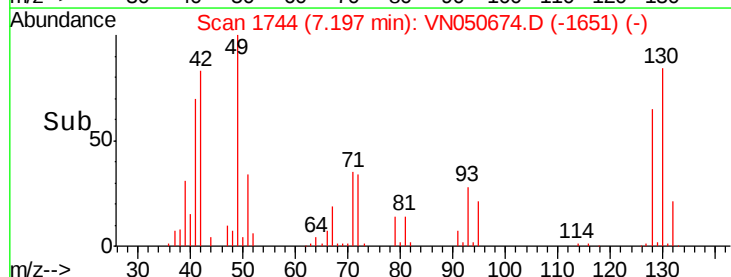
130 83.5 66.8 100.2

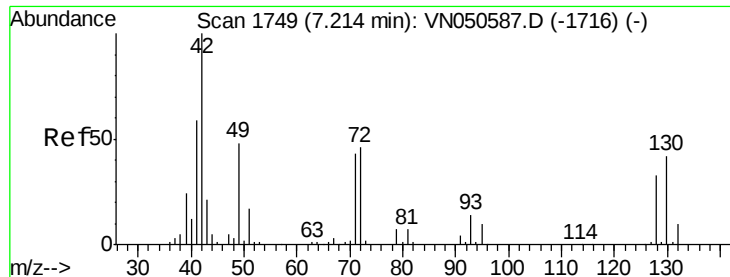


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 298.44 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

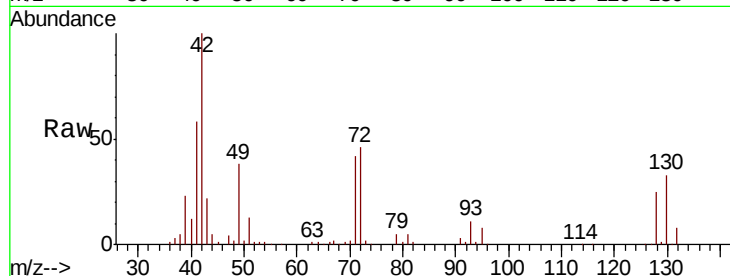
Tot Ion: 42 Resp: 520422

Ion Ratio Lower Upper

42 100

72 44.9 35.8 53.6

71 41.7 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN050587.D (-1716) (-)

Ion 72.00 (71.70 to 72.70): VN050587.D (-1716) (-)

Ion 71.00 (70.70 to 71.70): VN050587.D (-1716) (-)

7.22

250000

200000

150000

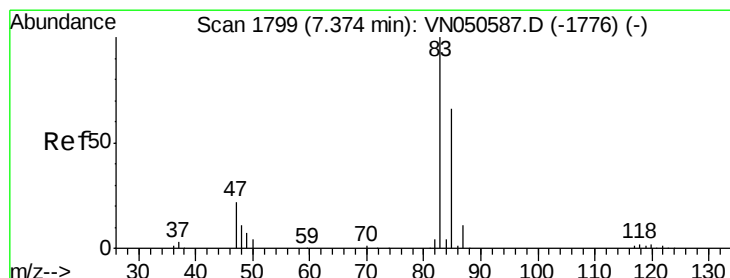
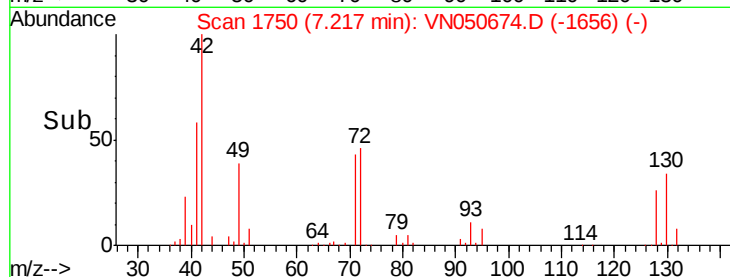
100000

50000

0

7.10 7.20 7.30

Time-->



#30

Chloroform

Concen: 48.13 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050674.D

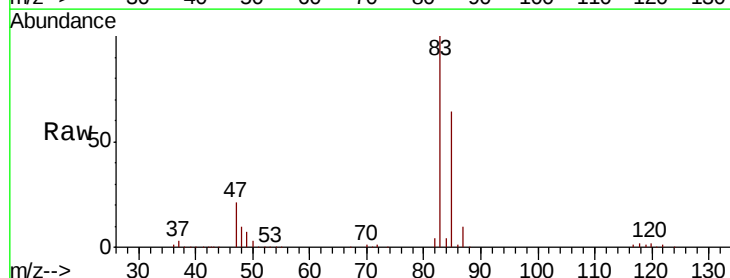
Acq: 15 Aug 2018 23:53

Tgt Ion: 83 Resp: 705744

Ion Ratio Lower Upper

83 100

85 64.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-1776) (-)

7.37

300000

250000

200000

150000

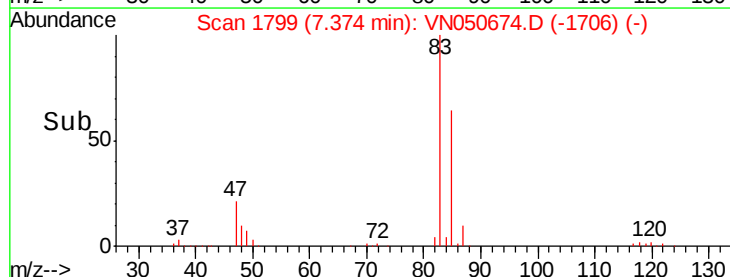
100000

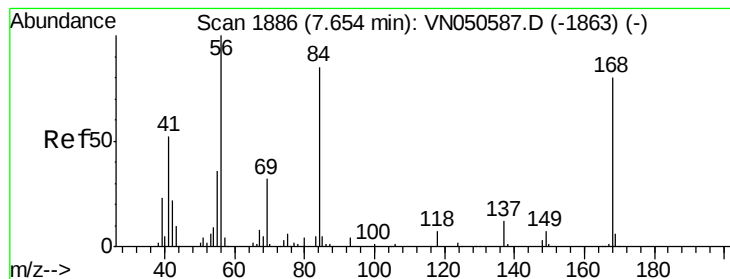
50000

0

7.30 7.40 7.50

Time-->





#31

Cyclohexane

Concen: 49.60 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

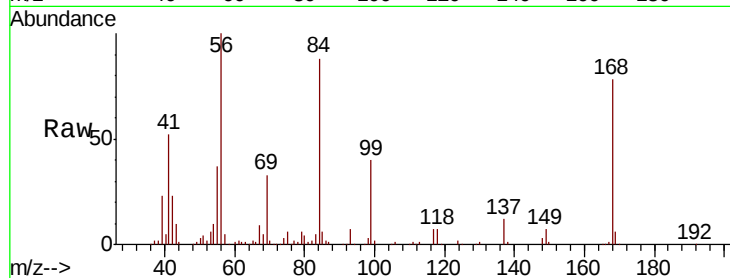
Tot Ion: 56 Resp: 612482

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

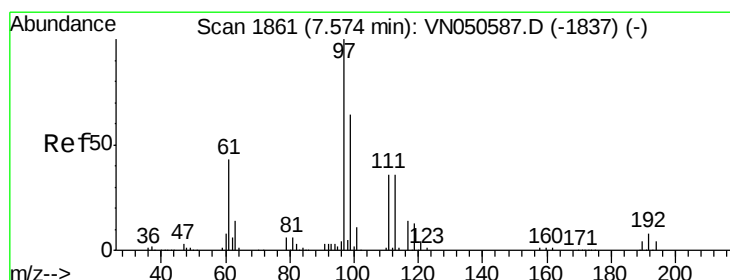
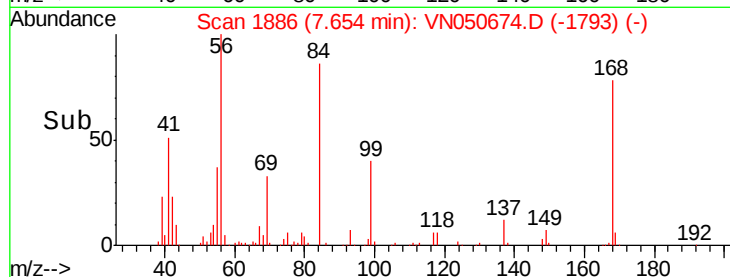
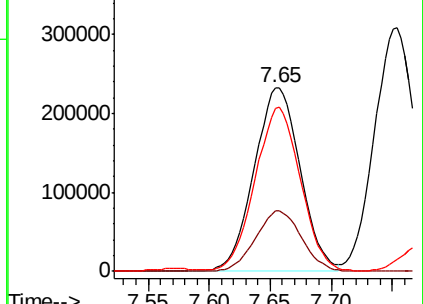
84 87.3 67.8 101.6



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: 48.53 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

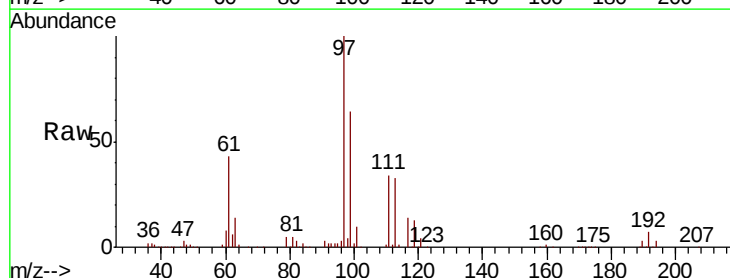
Tgt Ion: 97 Resp: 599022

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

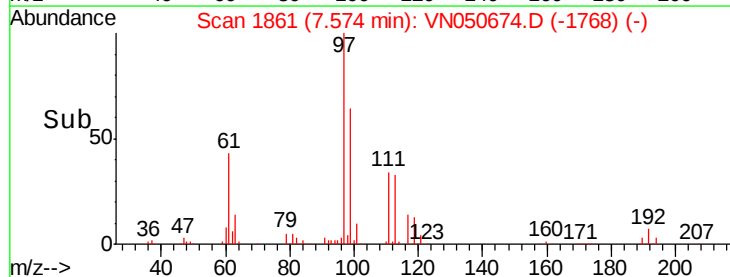
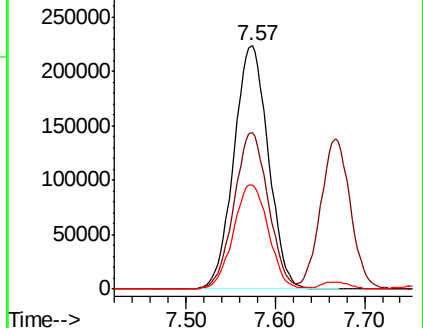
61 43.5 34.8 52.2

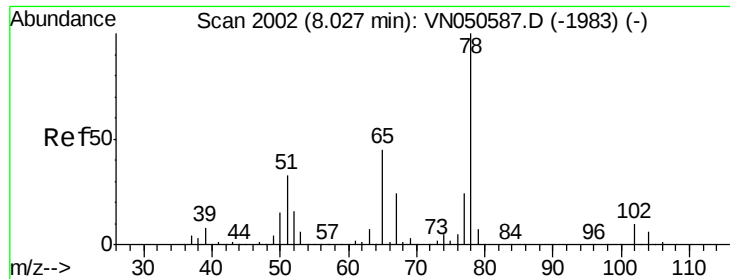


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

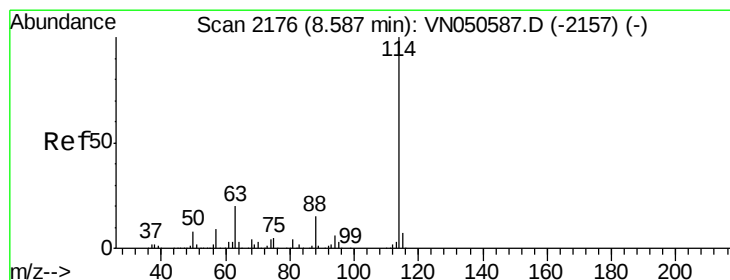
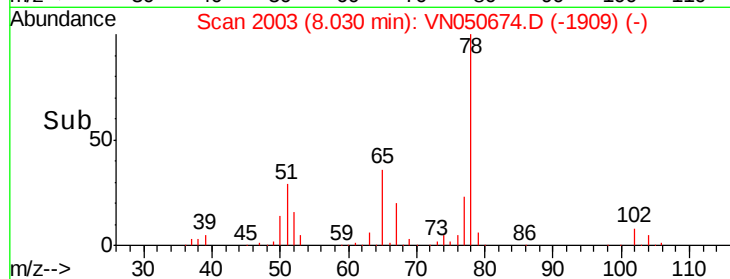
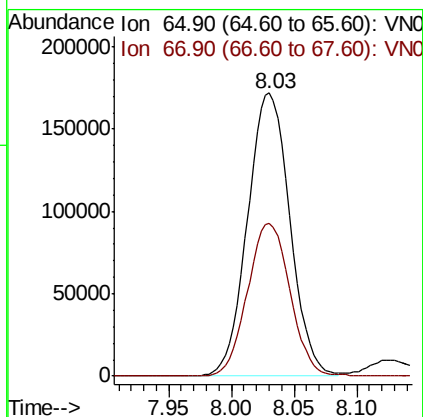
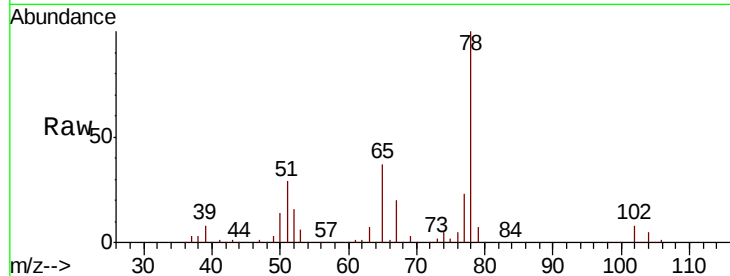




#33
 1,2-Dichloroethane-d4
 Concen: 49.61 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

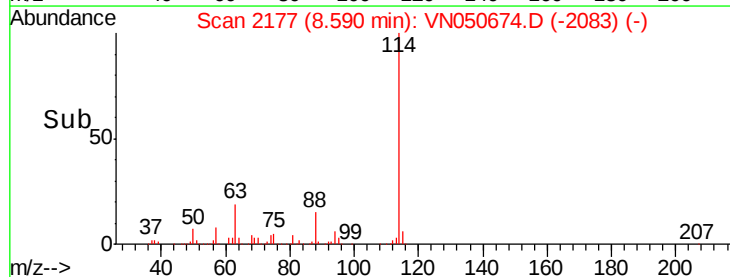
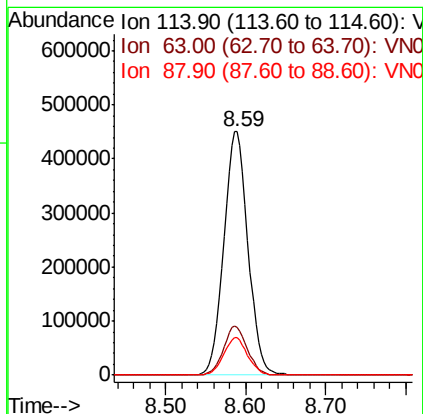
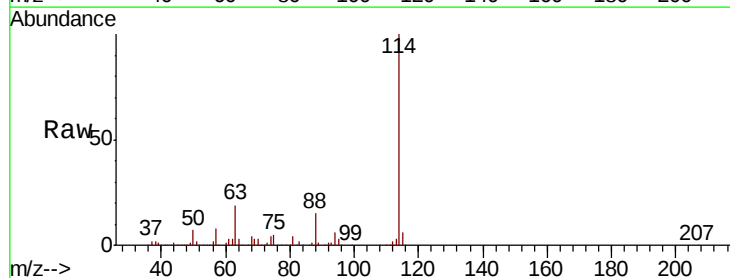
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

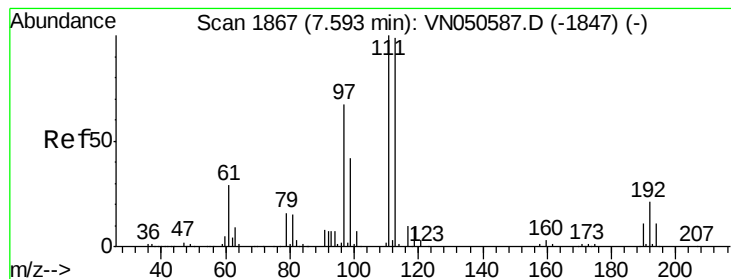
Tot Ion: 65 Resp: 404138
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 114 Resp: 930935
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.73 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

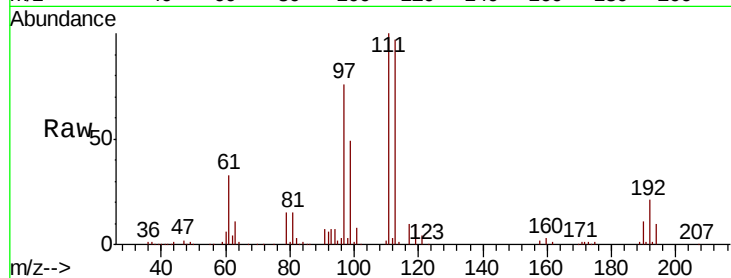
Tot Ion:113 Resp: 369597

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

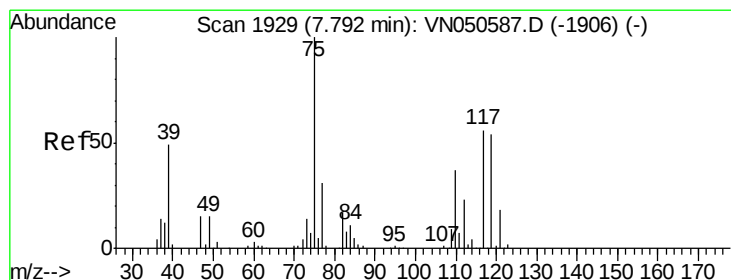
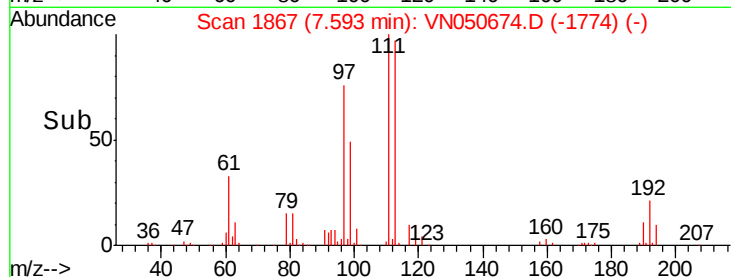
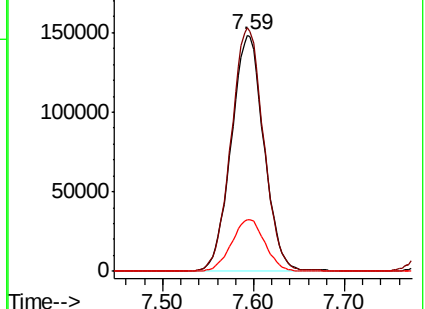
192 22.3 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.51 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

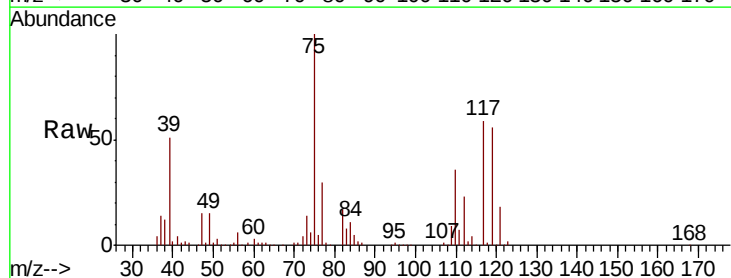
Tgt Ion: 75 Resp: 533761

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.9

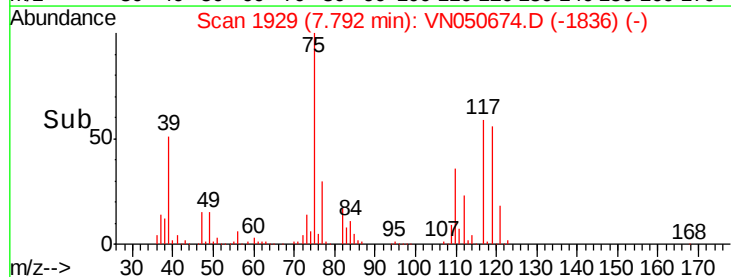
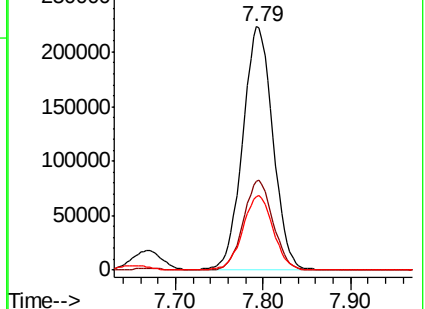
77 31.1 25.0 37.4

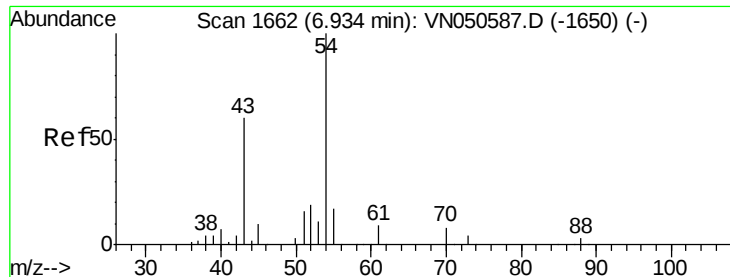


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

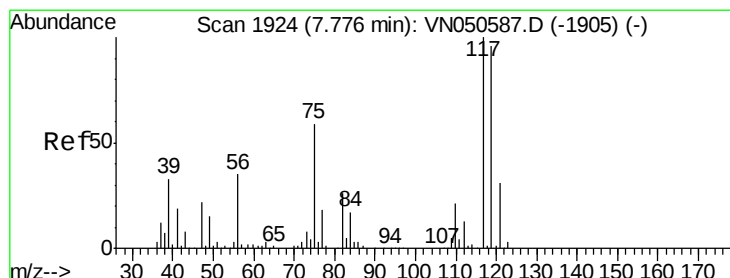
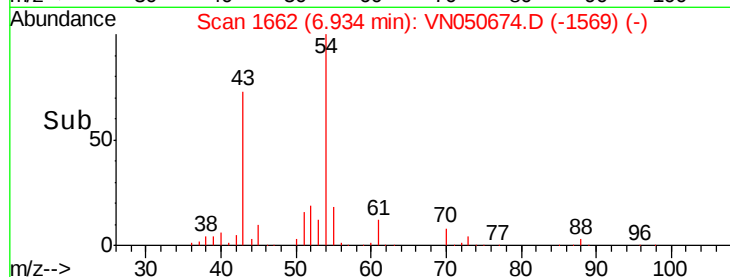
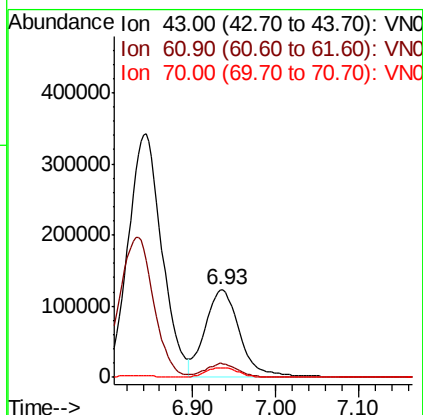
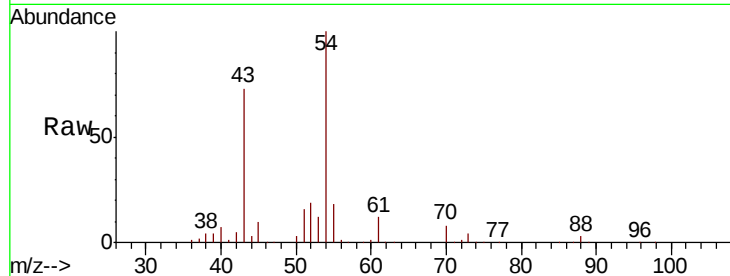




#37
Ethyl Acetate
Concen: 60.81 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

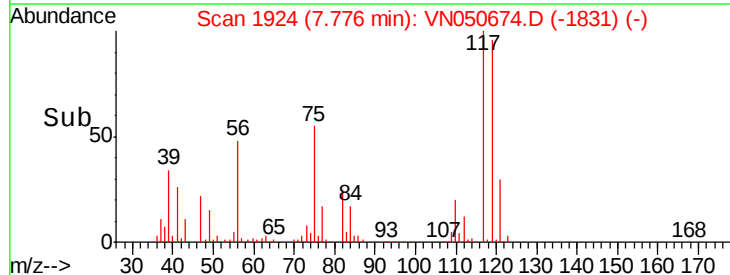
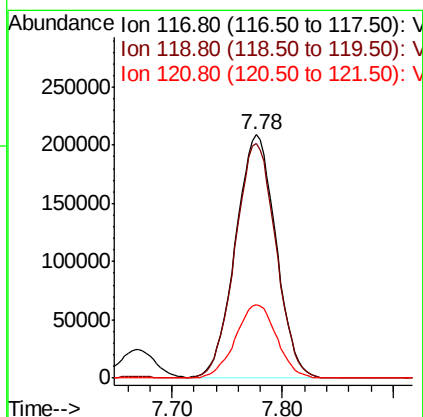
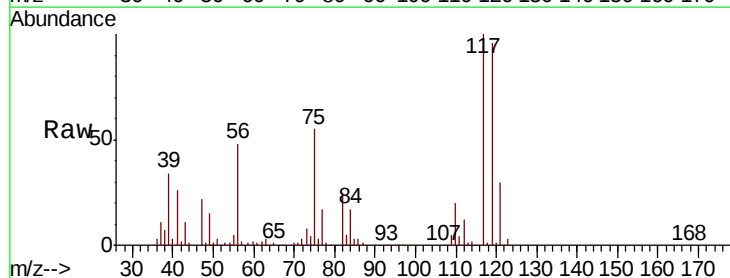
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

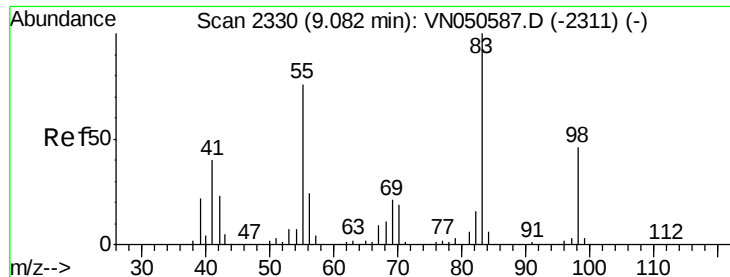
Tot Ion: 43 Resp: 356234
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 117 Resp: 532360
Ion Ratio Lower Upper
117 100
119 96.1 76.6 115.0
121 29.9 25.0 37.6

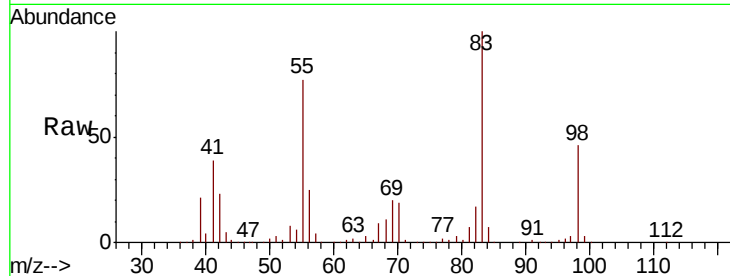




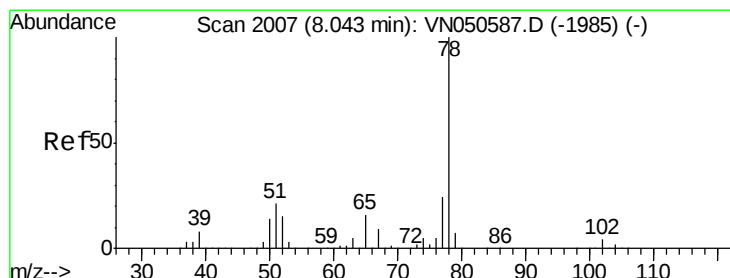
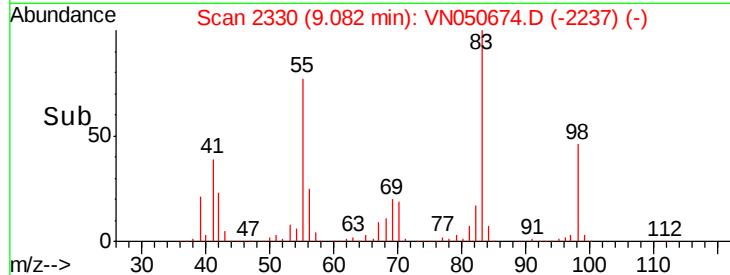
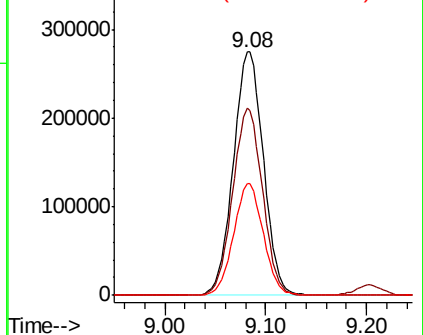
#39
Methvlcvclohexane
Concen: 52.94 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 568041
Ion Ratio Lower Upper
83 100
55 76.8 60.6 91.0
98 45.8 37.0 55.4

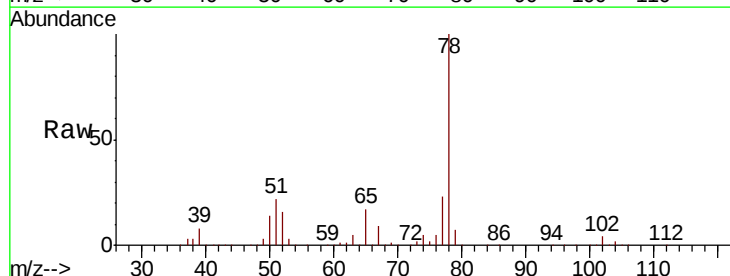


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

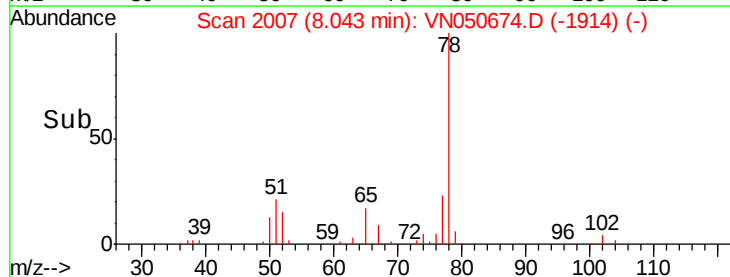
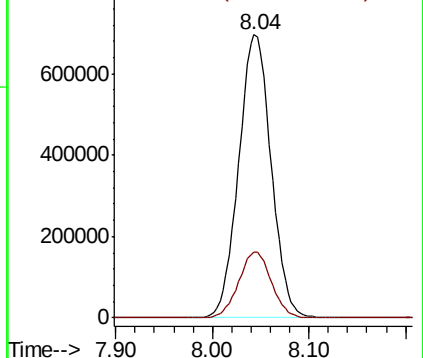


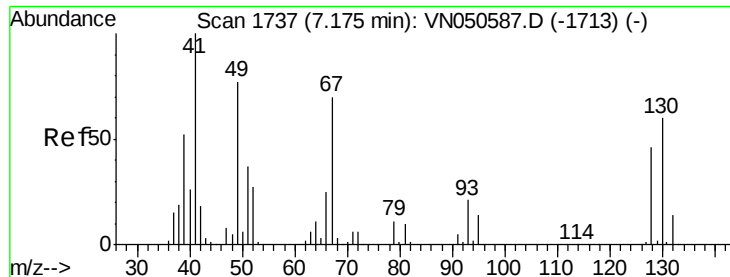
#40
Benzene
Concen: 51.47 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 78 Resp: 1622637
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

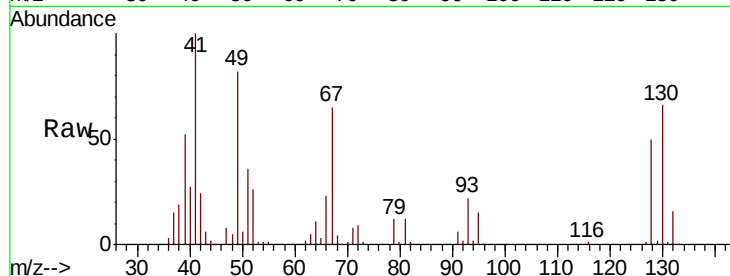




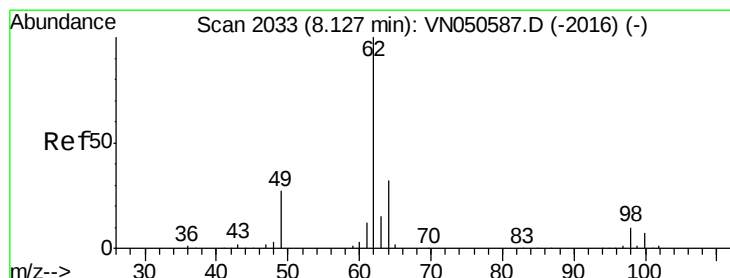
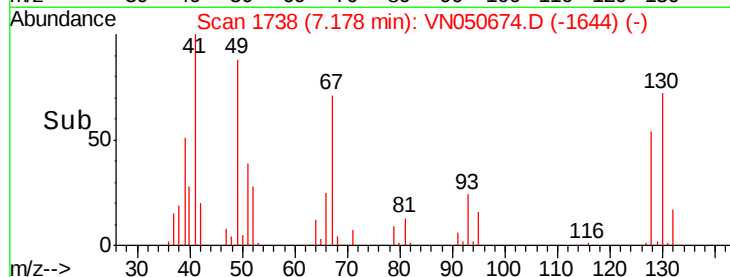
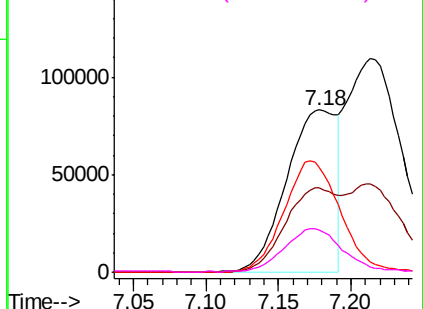
#41
Methacrylonitrile
Concen: 63.36 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 200659
Ion Ratio Lower Upper
41 100
39 51.7 44.6 66.8
67 77.3 66.7 100.1
52 30.4 26.5 39.7

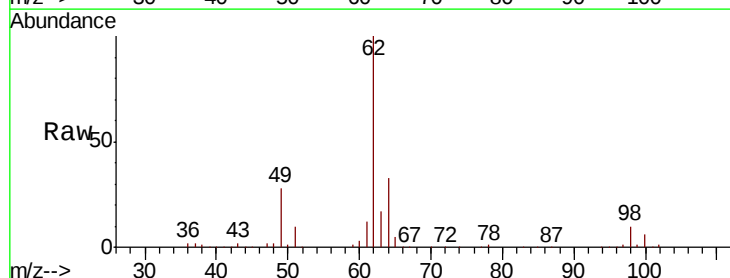


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

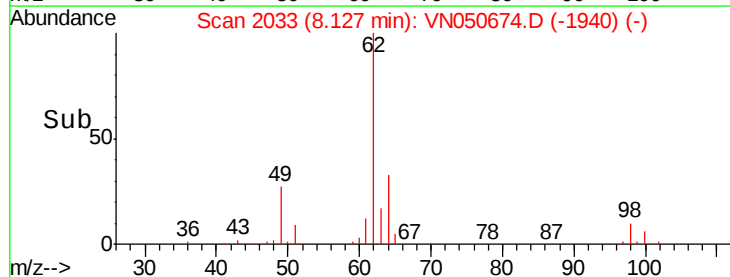
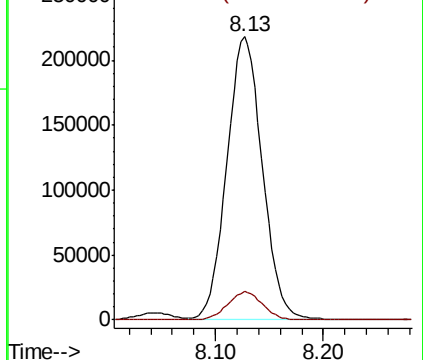


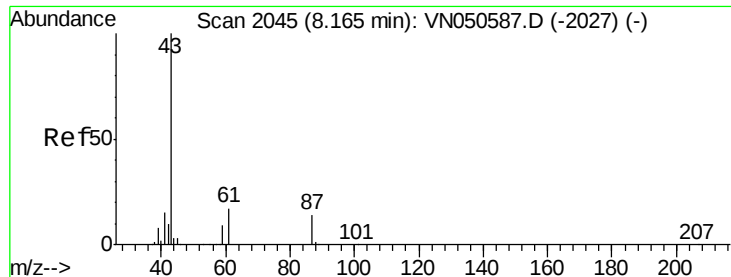
#42
1,2-Dichloroethane
Concen: 51.50 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 62 Resp: 497578
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 56.06 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

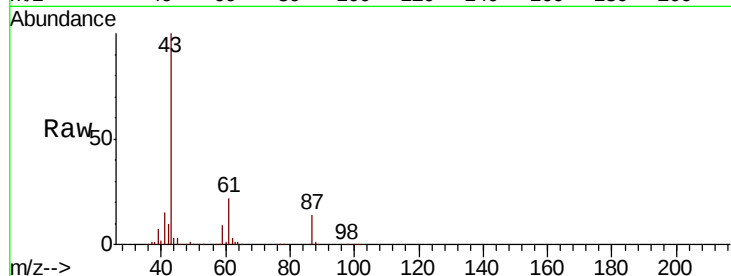
Tot Ion: 43 Resp: 598454

Ion Ratio Lower Upper

43 100

61 21.9 16.2 24.2

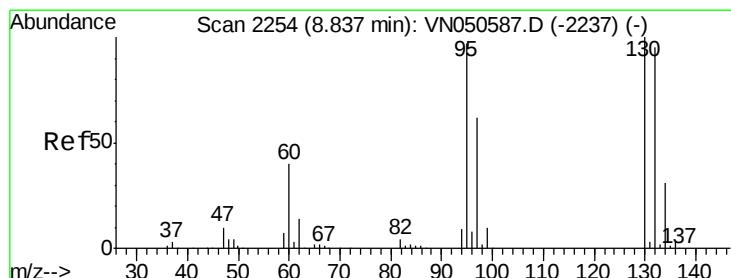
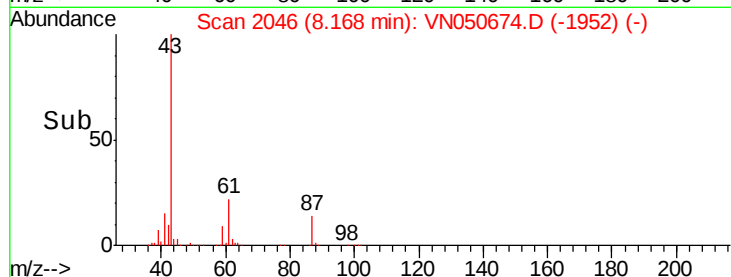
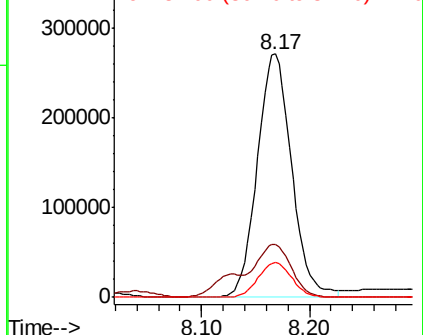
87 14.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 49.52 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050674.D

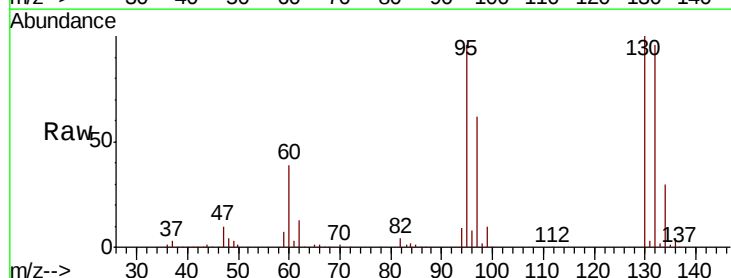
Acq: 15 Aug 2018 23:53

Tgt Ion:130 Resp: 418178

Ion Ratio Lower Upper

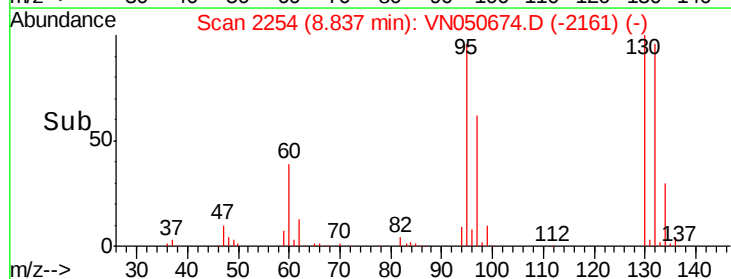
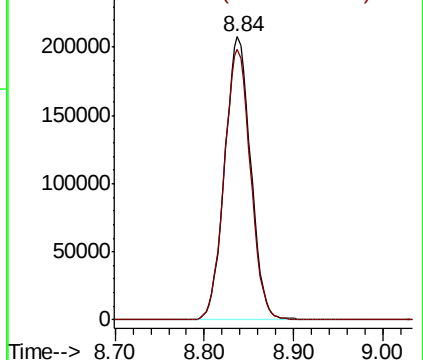
130 100

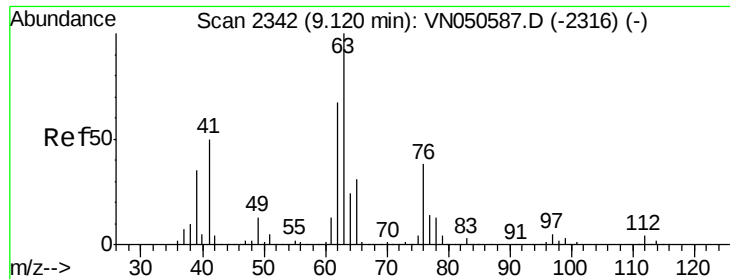
95 95.8 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

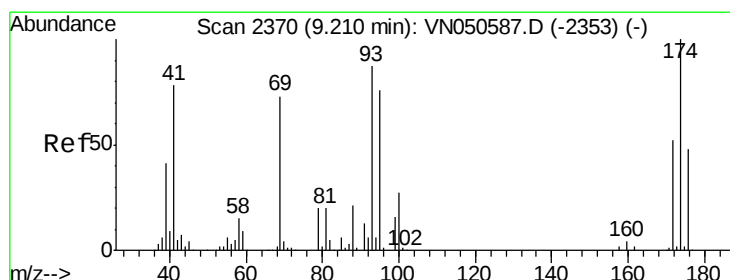
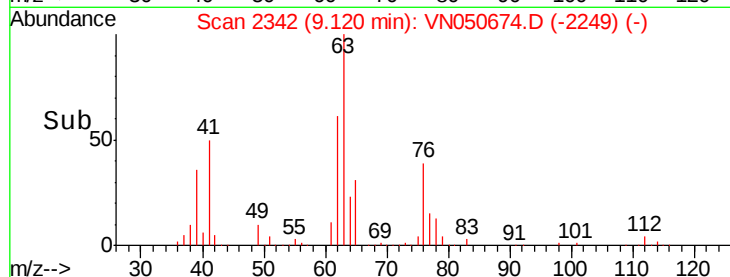
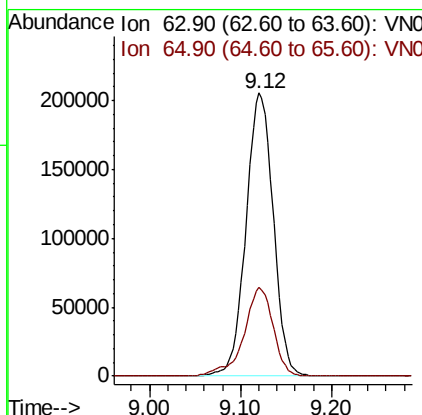
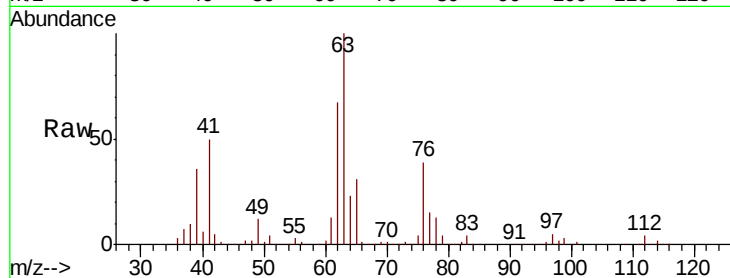




#45
 1,2-Dichloropropane
 Concen: 50.96 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

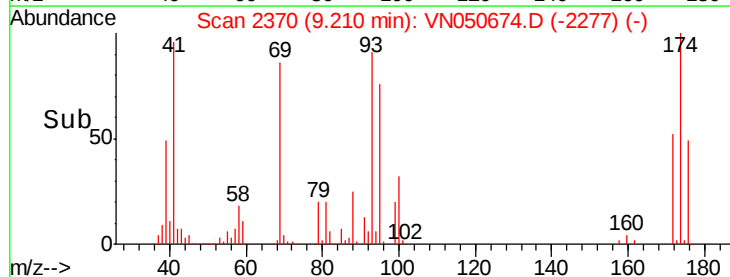
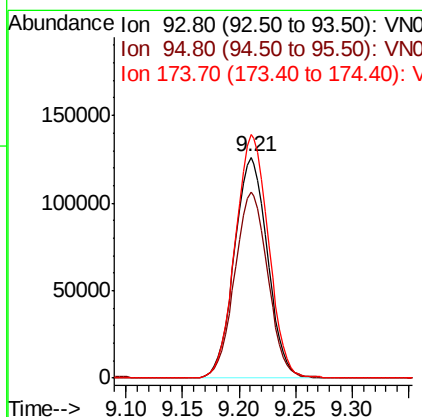
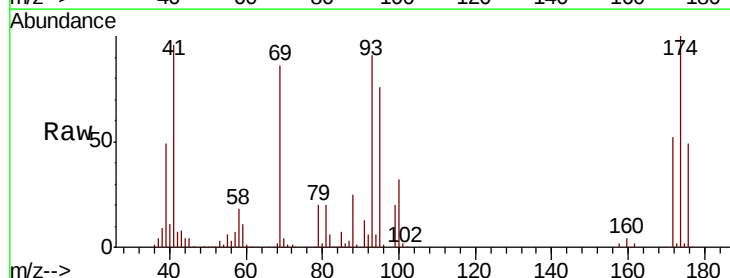
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

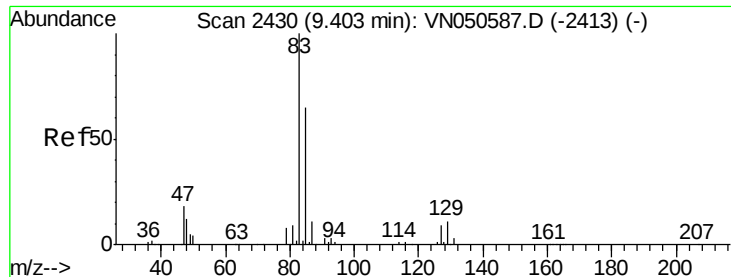
Tot Ion: 63 Resp: 427722
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.5 36.7



#46
 Dibromomethane
 Concen: 52.17 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 93 Resp: 258560
 Ion Ratio Lower Upper
 93 100
 95 84.2 69.1 103.7
 174 110.1 91.0 136.6

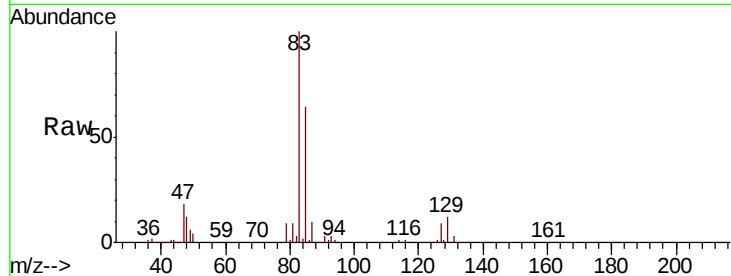




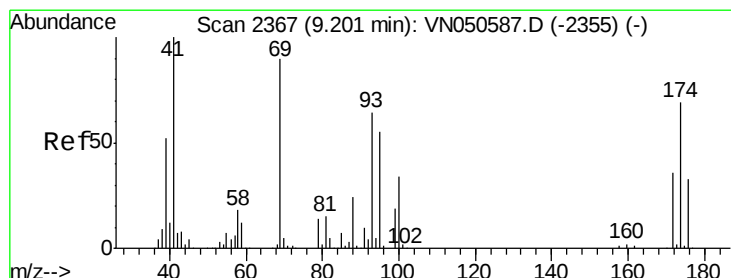
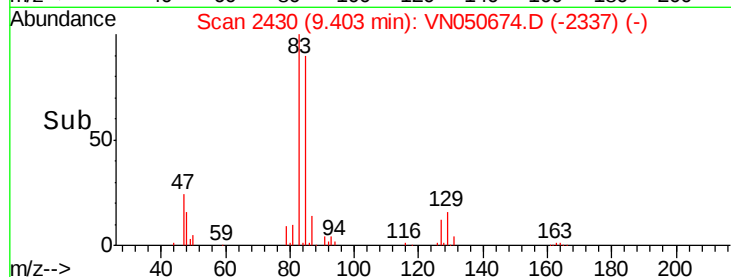
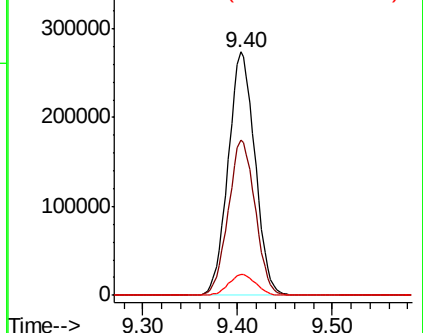
#47
Bromodichloromethane
Concen: 50.83 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 538475
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6
127 8.7 7.2 10.8

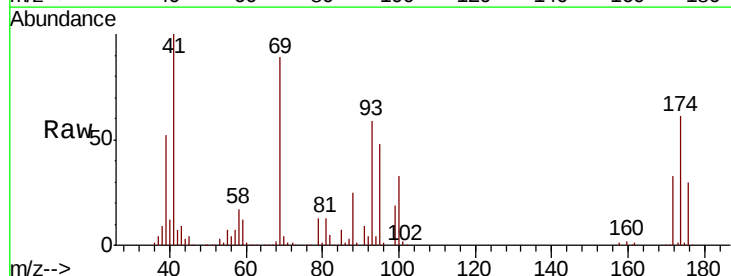


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

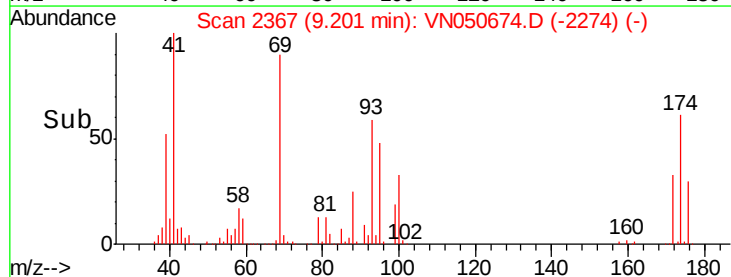
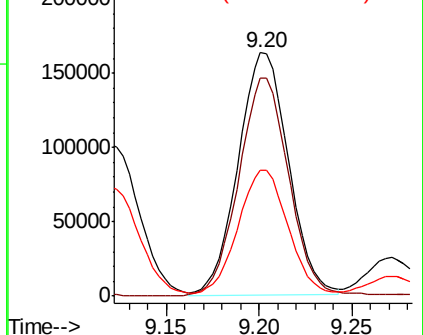


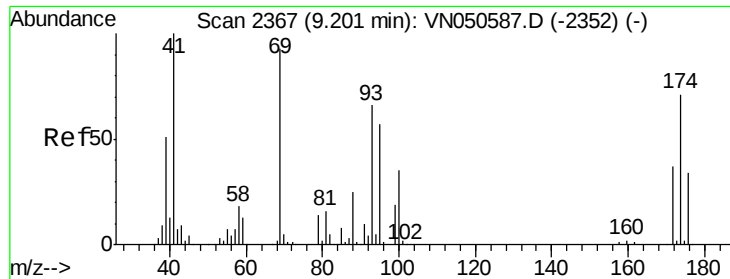
#48
Methyl methacrylate
Concen: 57.46 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 41 Resp: 308650
Ion Ratio Lower Upper
41 100
69 90.3 73.4 110.0
39 51.9 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: 1201.04 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

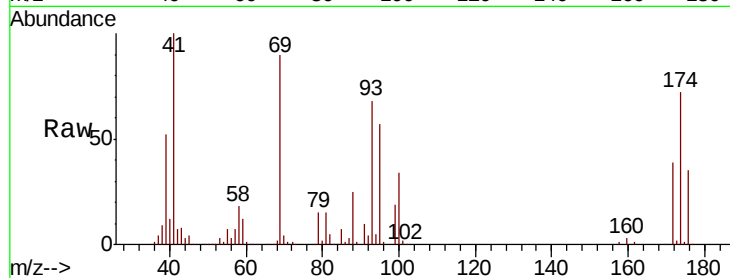
Tot Ion: 88 Resp: 84991

Ion Ratio Lower Upper

88 100

43 31.0 25.9 38.9

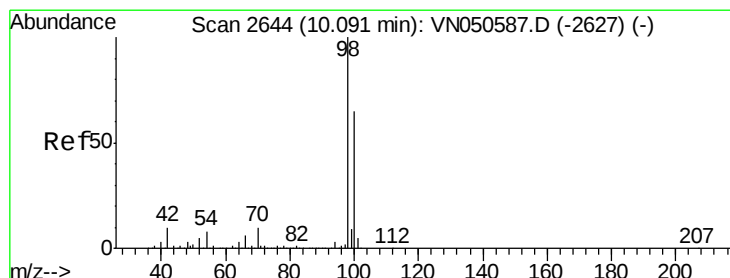
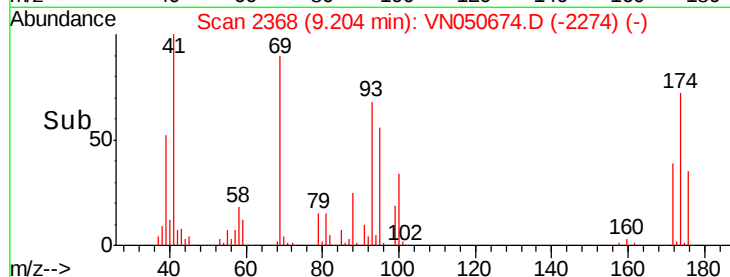
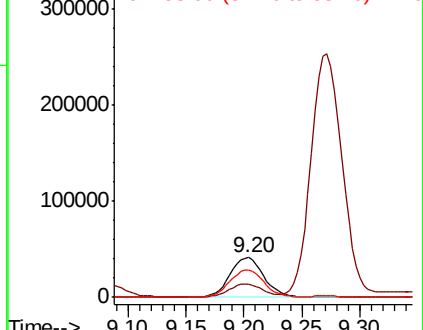
58 69.3 56.5 84.7



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: 49.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050674.D

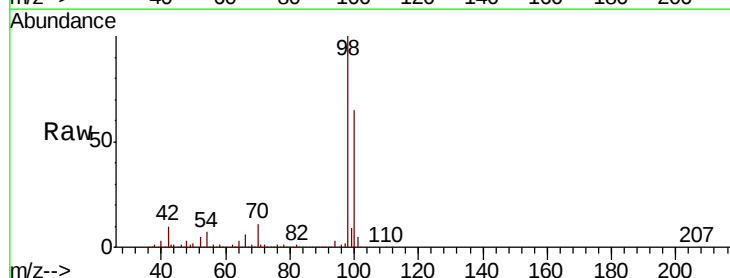
Acq: 15 Aug 2018 23:53

Tgt Ion: 98 Resp: 1391967

Ion Ratio Lower Upper

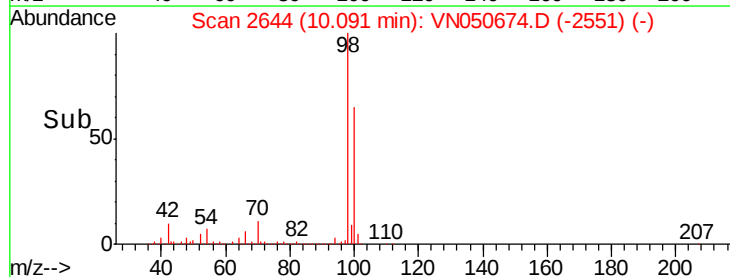
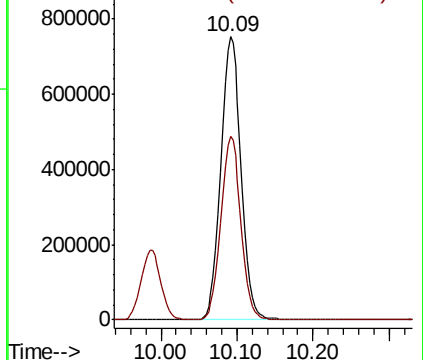
98 100

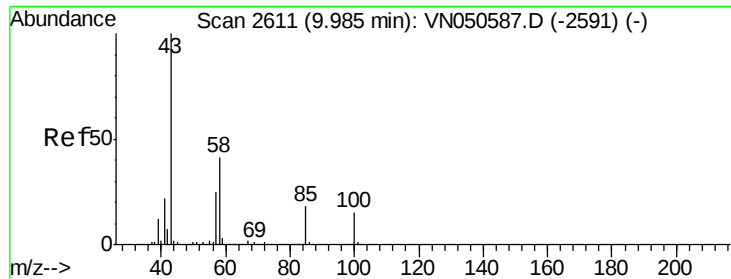
100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

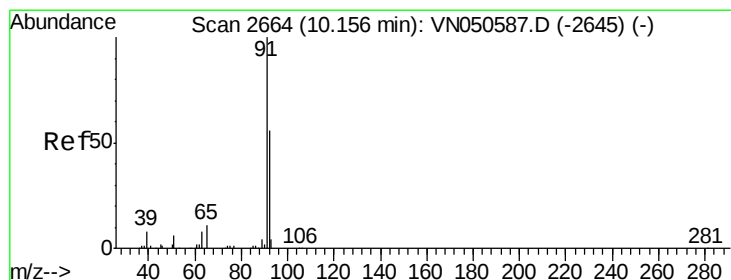
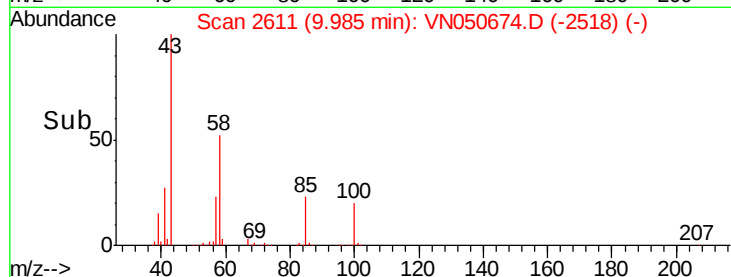
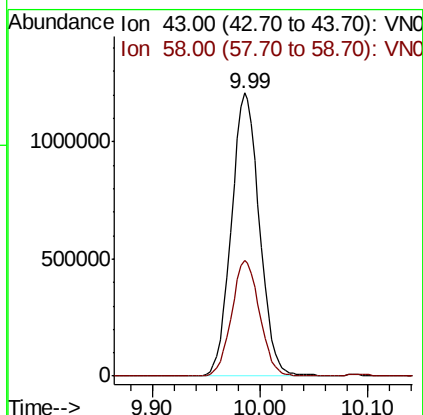
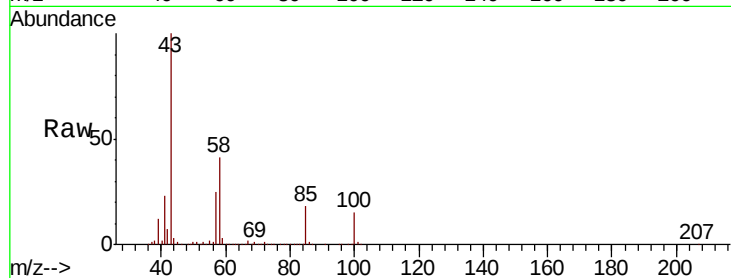




#51
 4-Methyl-2-Pentanone
 Concen: 303.93 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

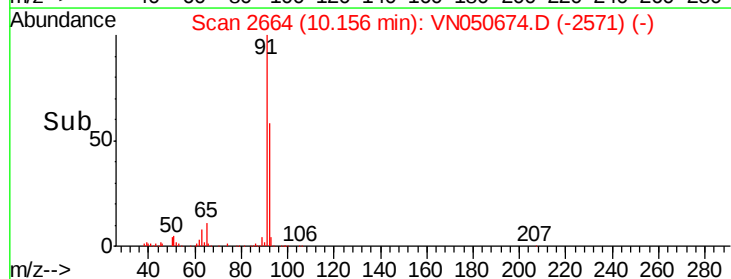
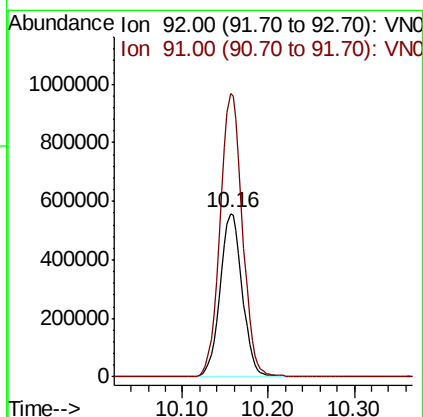
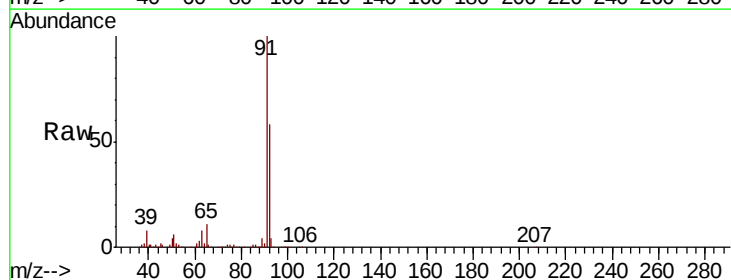
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

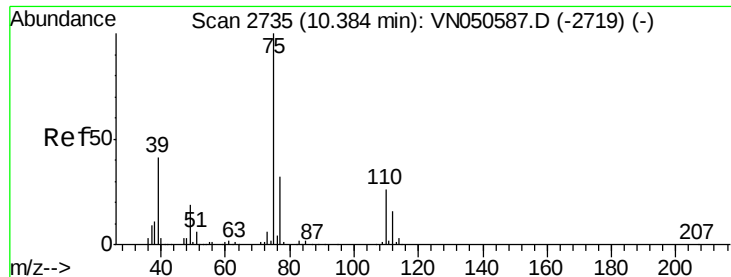
Tot Ion: 43 Resp: 2194278
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.5 48.7



#52
 Toluene
 Concen: 53.05 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 92 Resp: 998610
 Ion Ratio Lower Upper
 92 100
 91 174.7 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 52.15 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

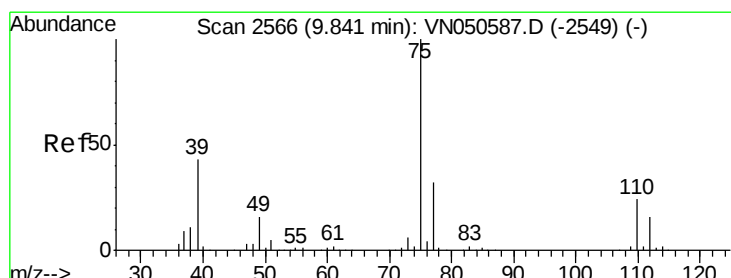
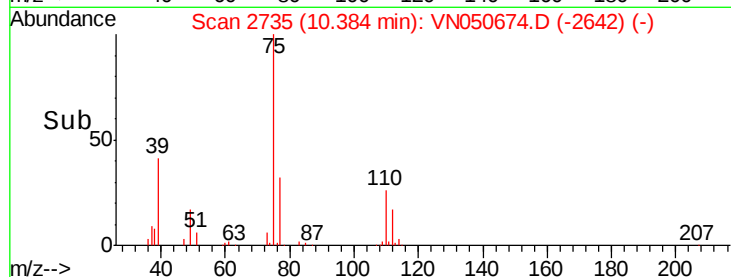
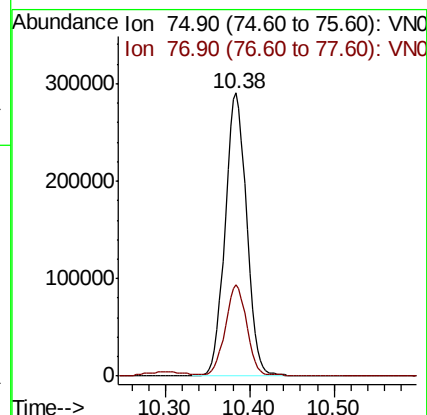
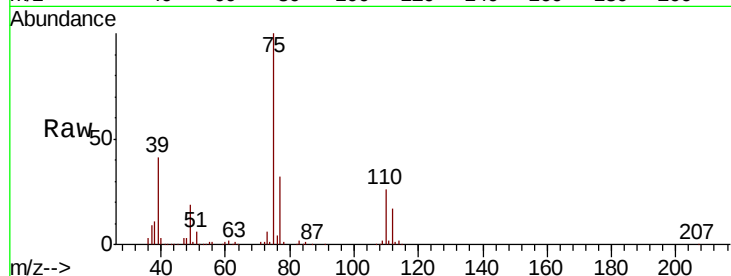
VSTDCCC050

Tot Ion: 75 Resp: 514534

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 52.56 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

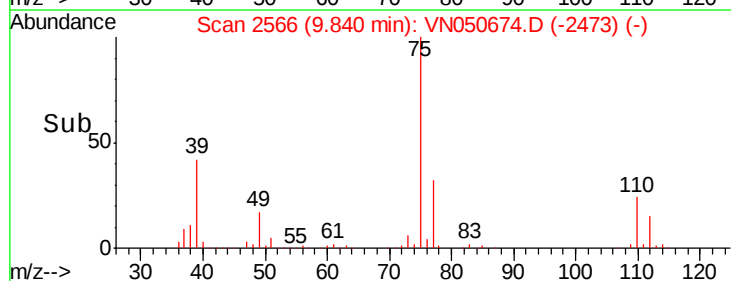
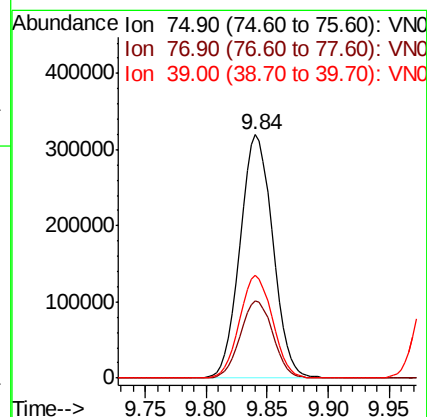
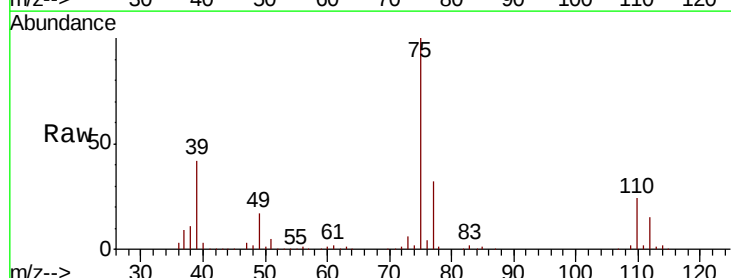
Tgt Ion: 75 Resp: 594869

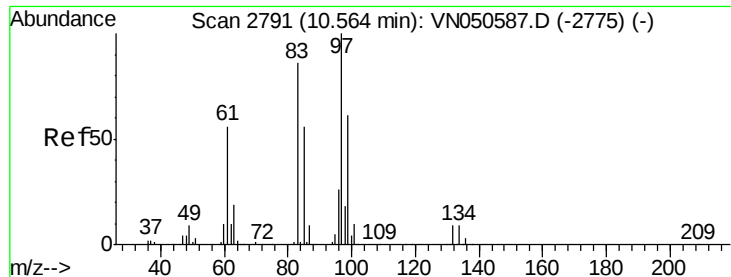
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 42.0 34.4 51.6

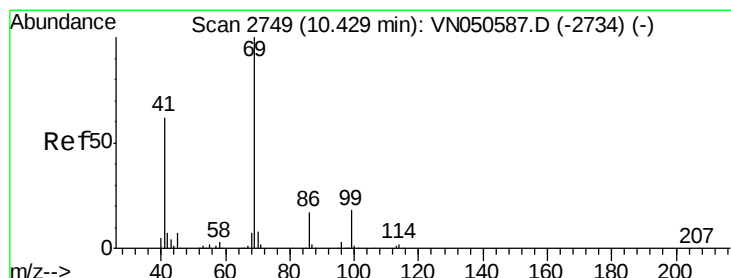
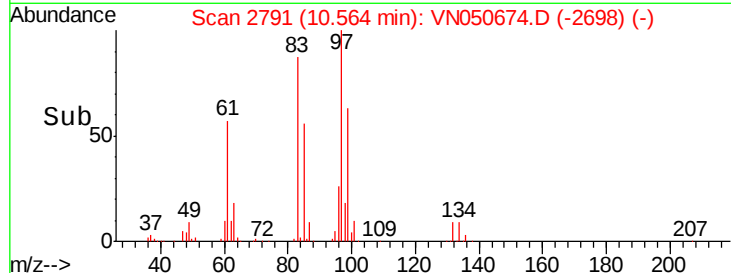
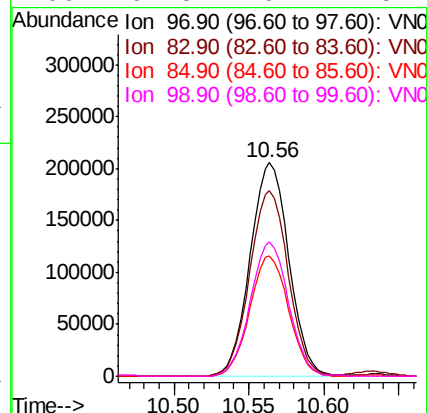
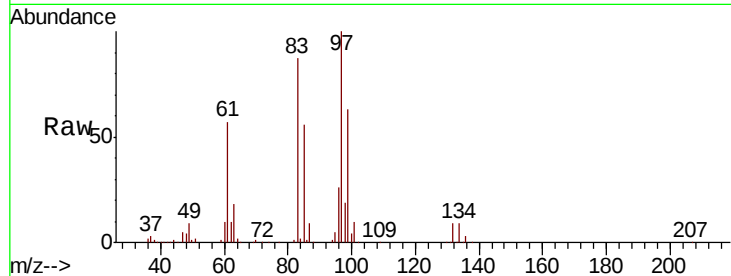




#55
 1,1,2-Trichloroethane
 Concen: 52.78 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

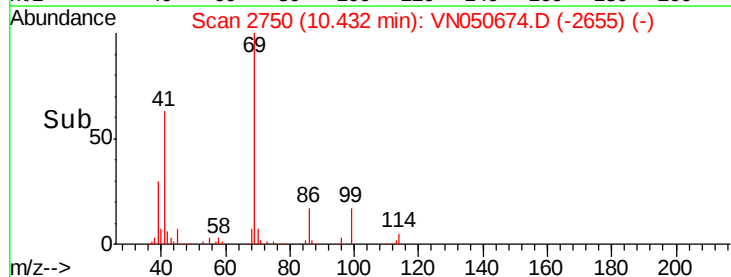
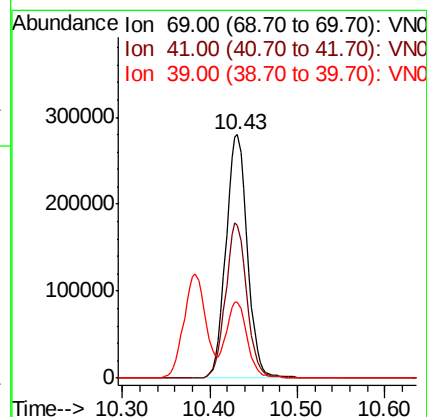
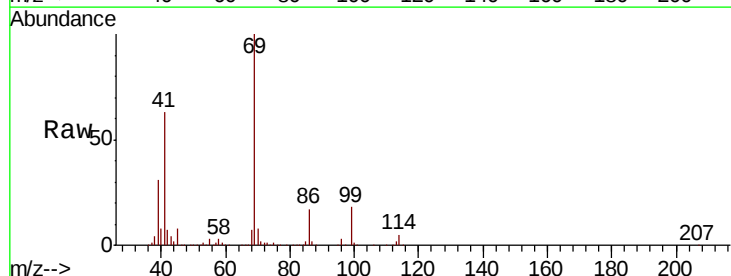
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

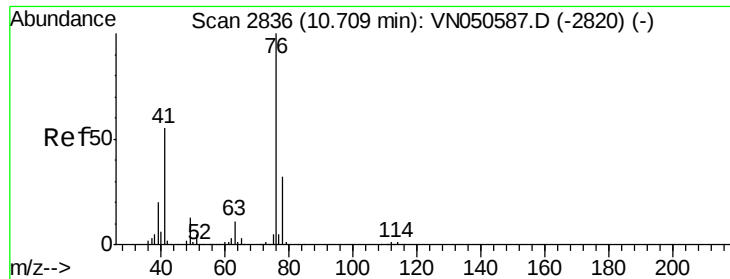
Tot Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.5	102.7
85	56.4	44.6	66.8
99	62.8	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 53.01 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.7	74.5
39	30.5	24.2	36.2

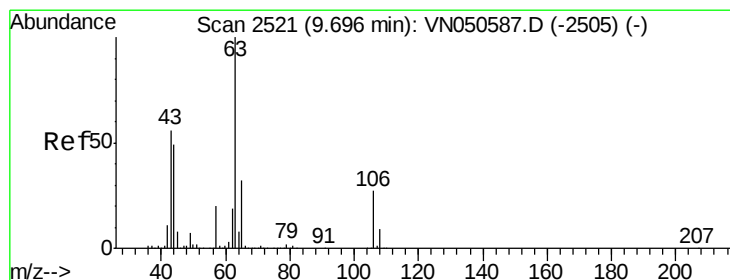
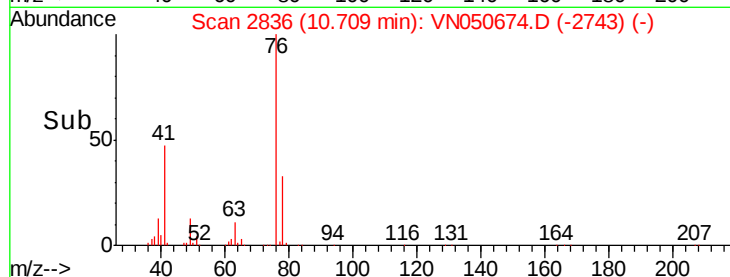
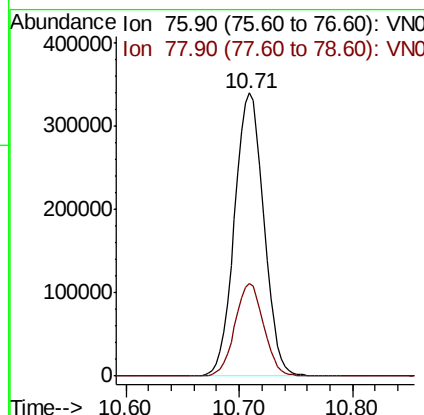
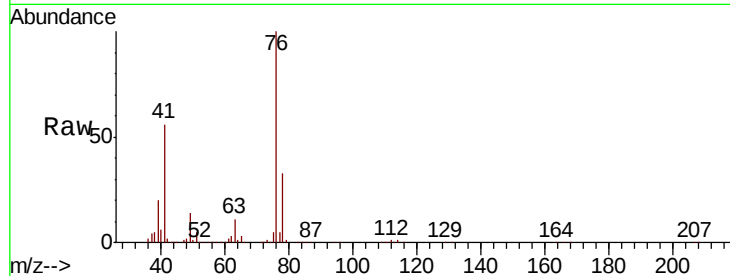




#57
 1,3-Dichloropropane
 Concen: 53.32 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

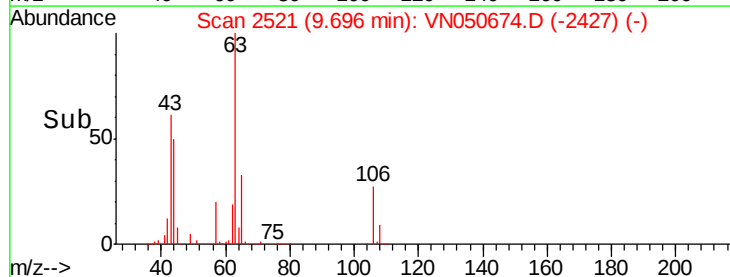
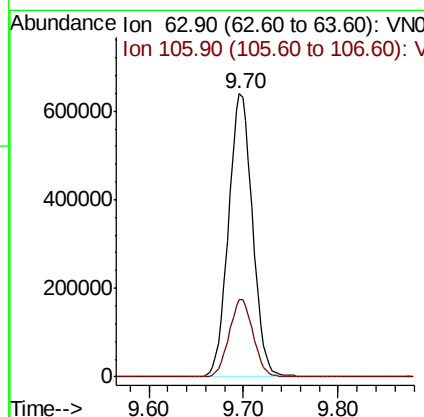
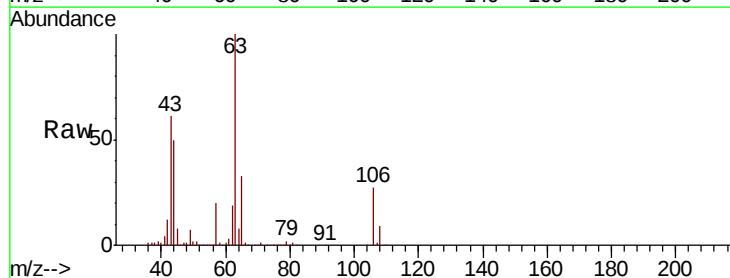
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

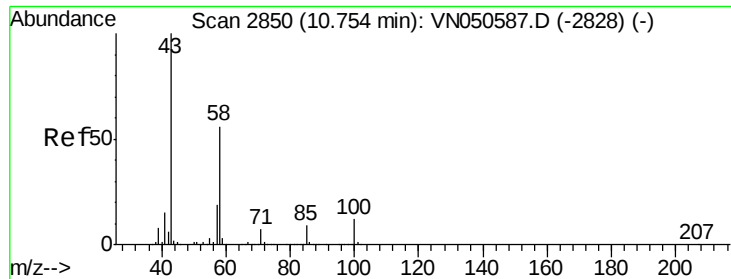
Tot Ion: 76 Resp: 614652
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.67 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 63 Resp: 1126548
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

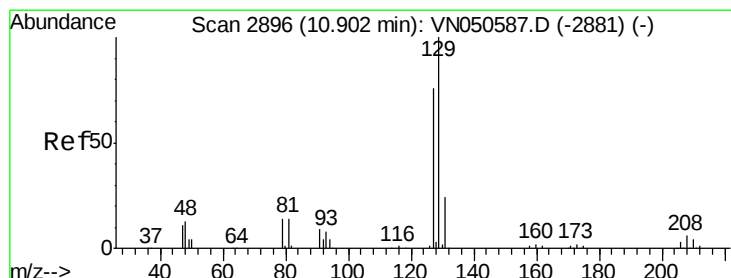
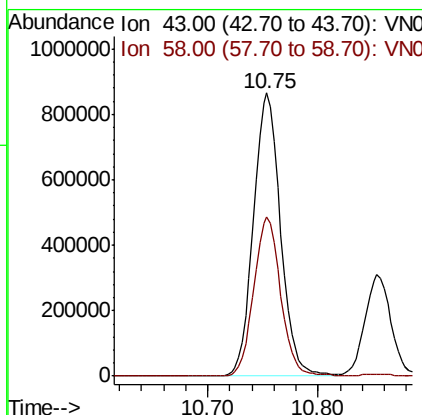
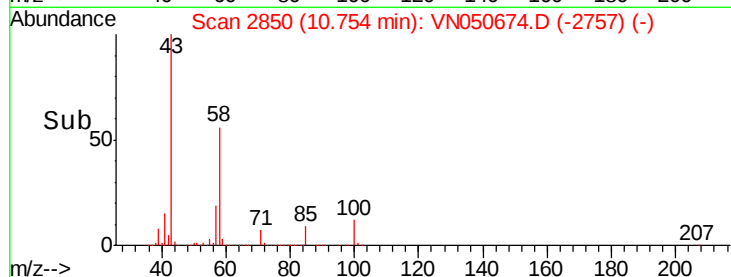
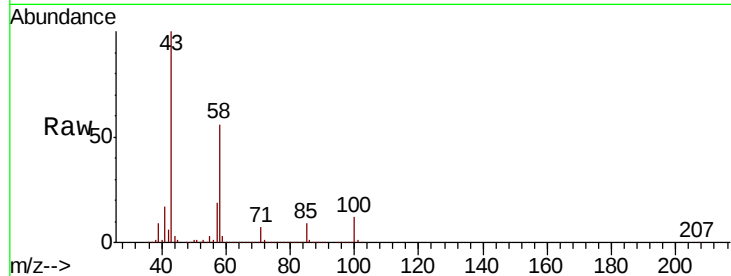




#59
2-Hexanone
Concen: 315.41 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

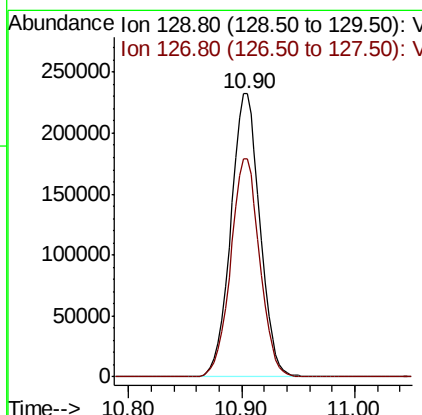
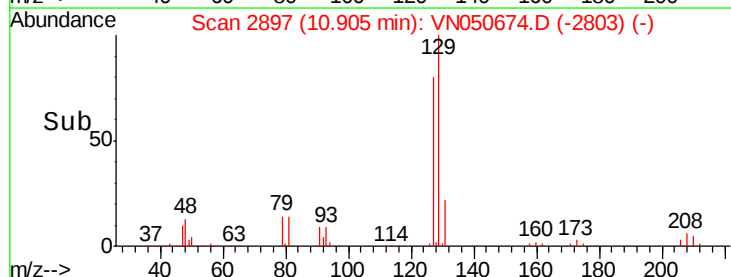
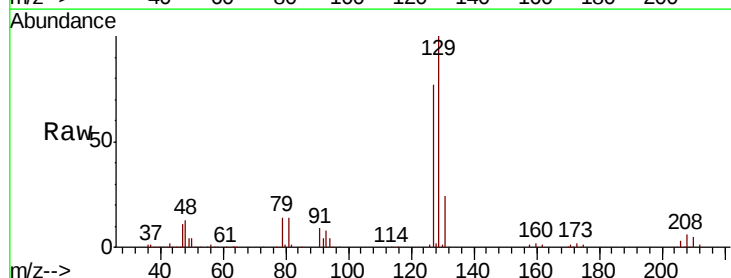
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

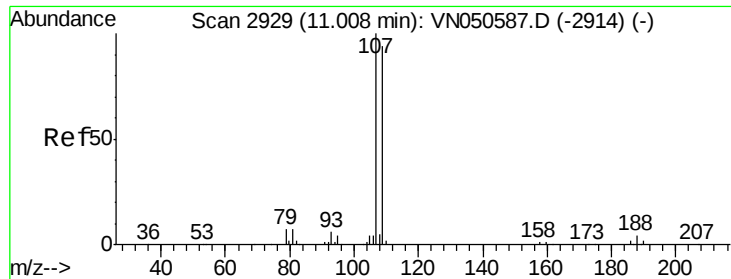
Tot Ion: 43 Resp: 1469750
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 53.51 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 129 Resp: 415299
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

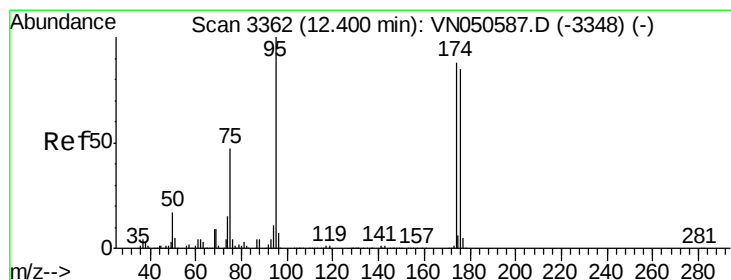
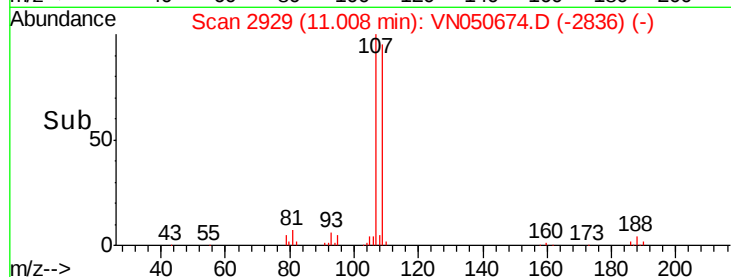
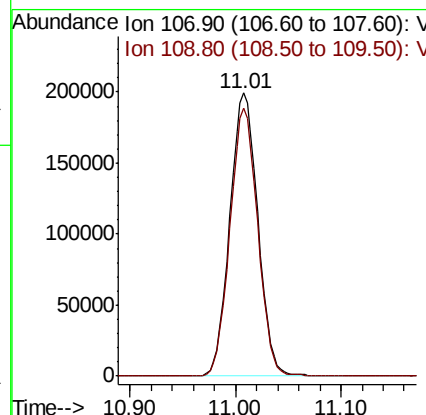
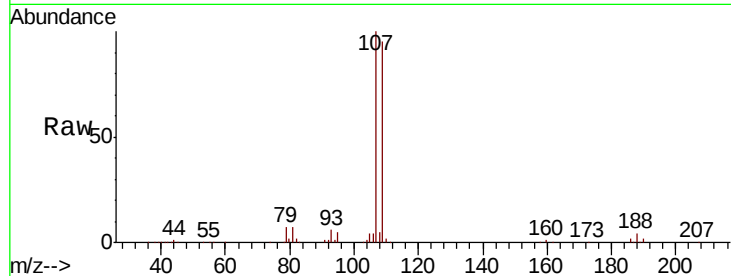




#61
 1,2-Dibromoethane
 Concen: 54.55 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

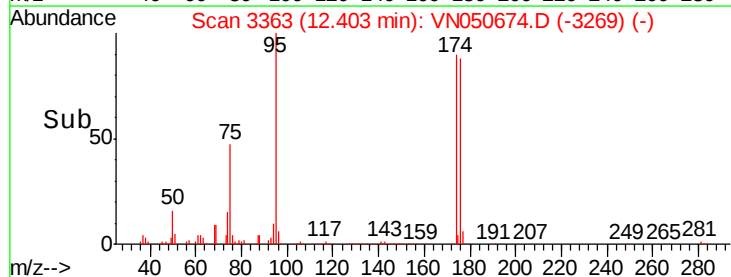
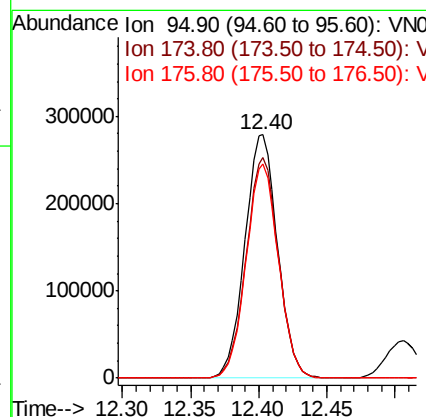
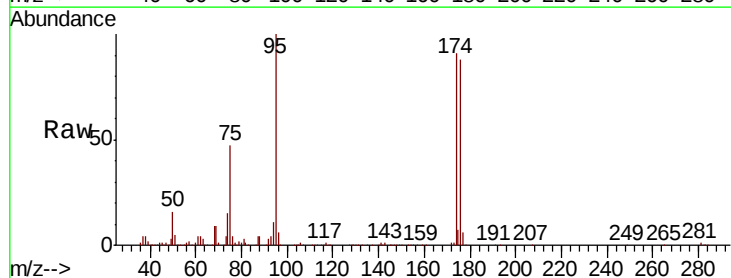
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

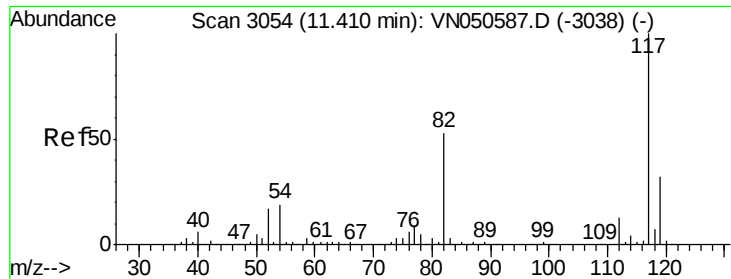
Tot Ion: 107 Resp: 365331
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.94 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 95 Resp: 461464
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 177.8
 176 87.3 0.0 175.0

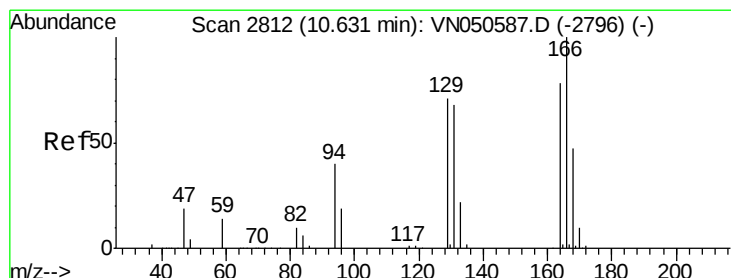
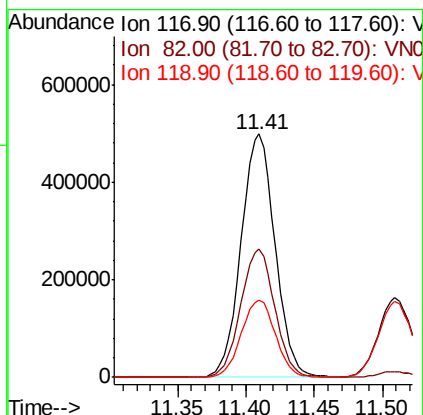
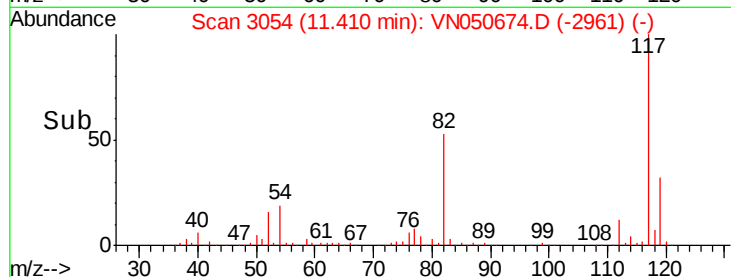
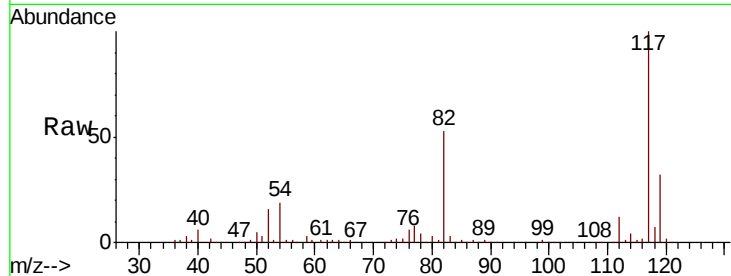




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

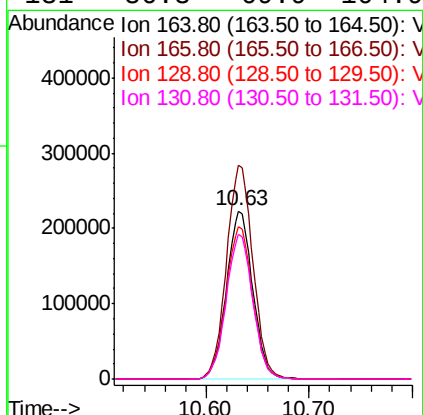
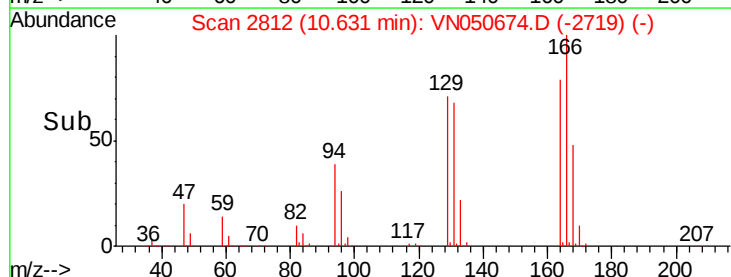
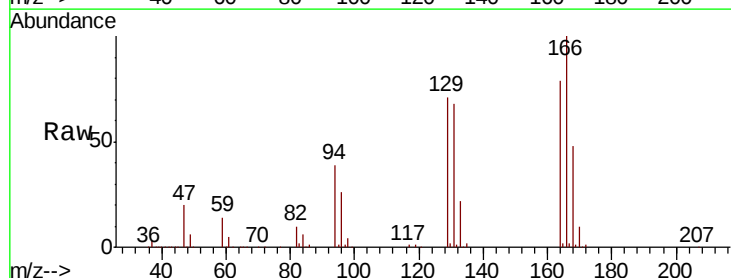
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

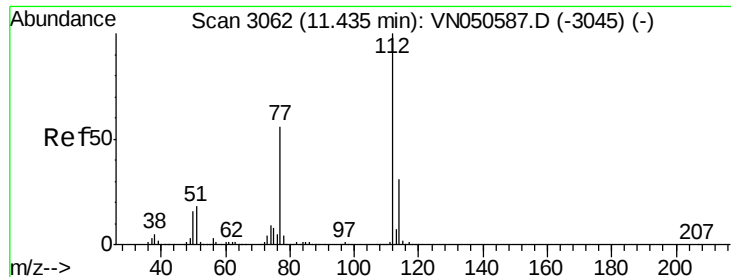
Tot Ion:117 Resp: 862032
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 49.45 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion:164 Resp: 395849
Ion Ratio Lower Upper
164 100
166 127.3 102.1 153.1
129 90.7 72.7 109.1
131 86.3 69.9 104.9

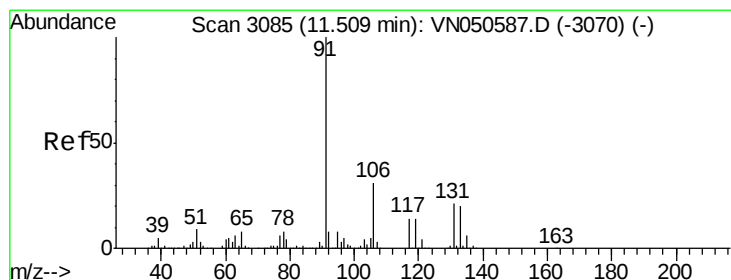
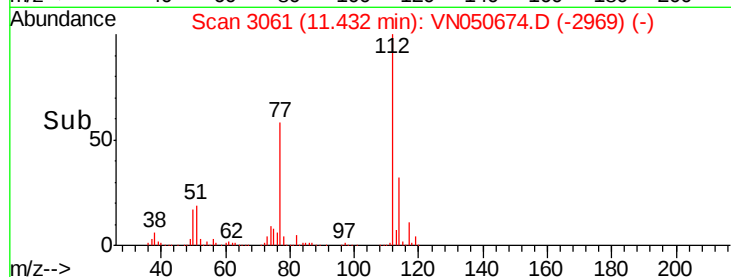
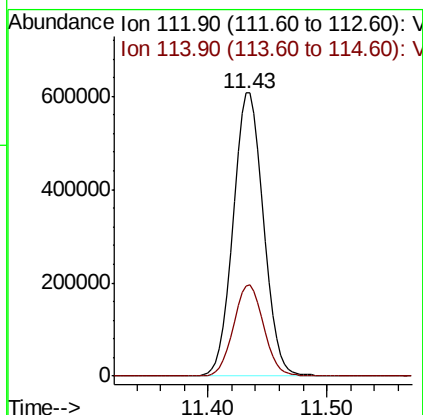
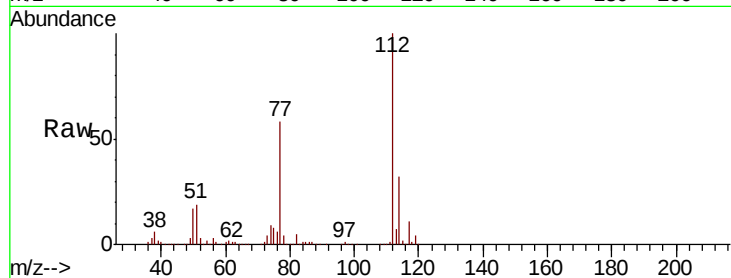




#65
Chlorobenzene
Concen: 49.98 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

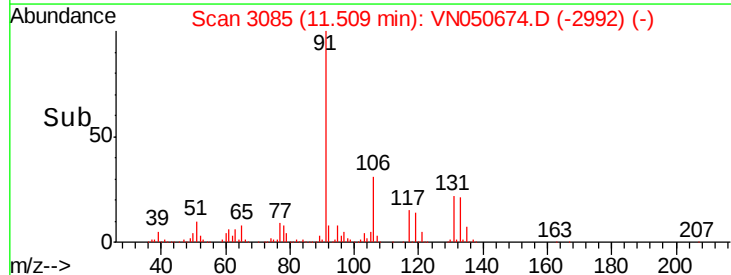
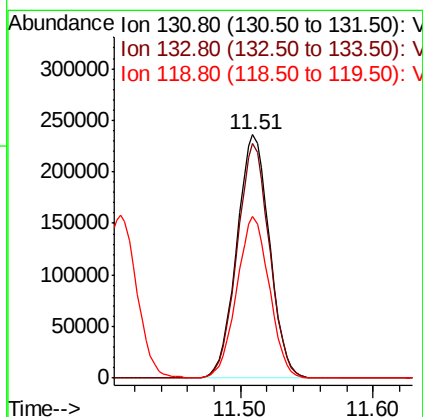
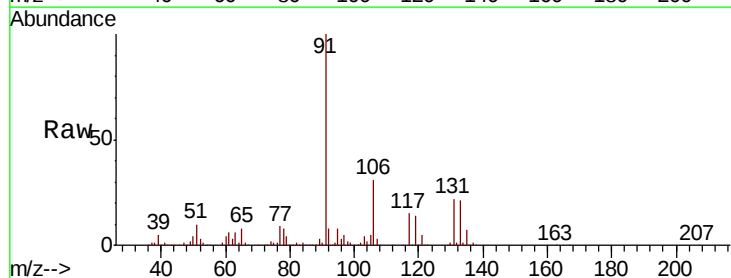
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

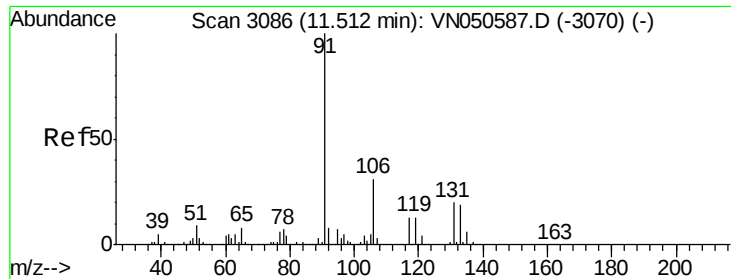
Tot Ion:112 Resp: 1072184
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.31 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion:131 Resp: 404566
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 66.1 33.1 99.3

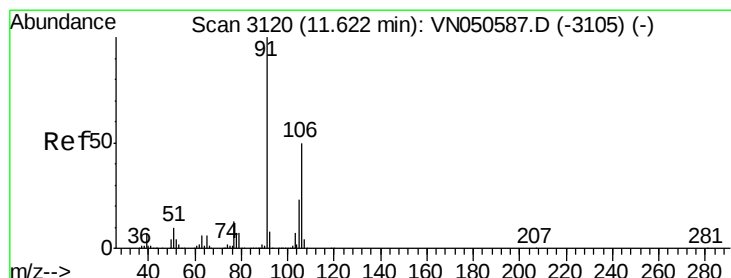
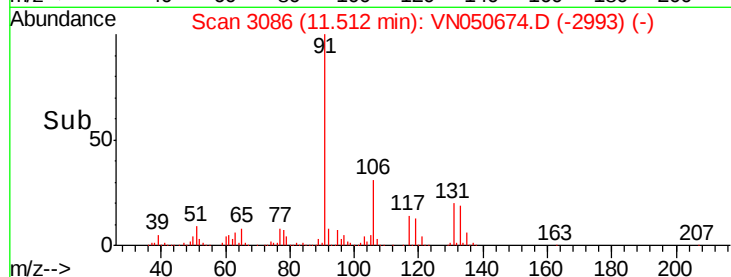
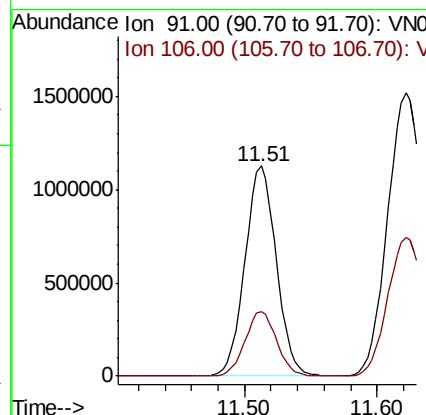
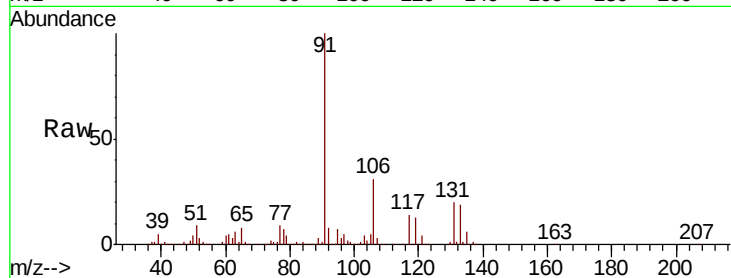




#67
Ethyl Benzene
Concen: 53.35 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

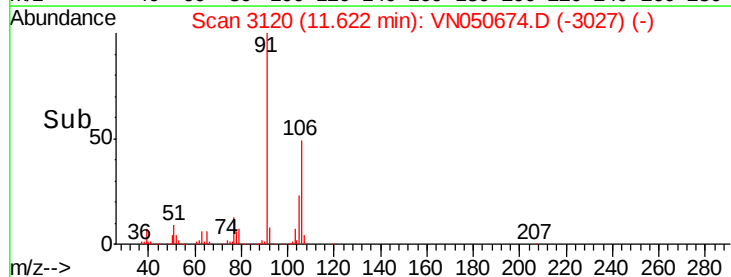
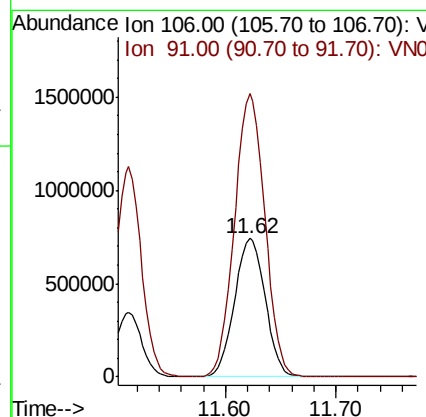
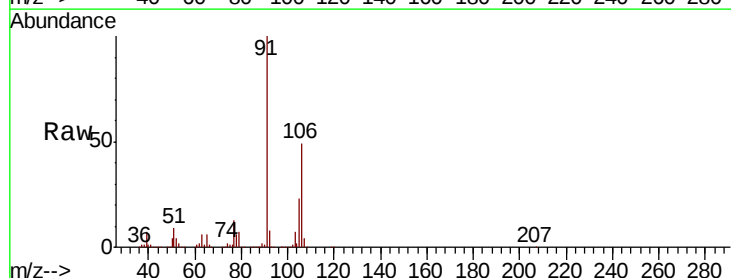
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

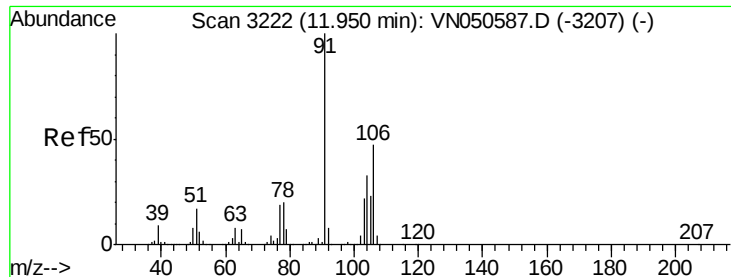
Tot Ion: 91 Resp: 1848158
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 107.95 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 106 Resp: 1430174
Ion Ratio Lower Upper
106 100
91 202.9 161.5 242.3

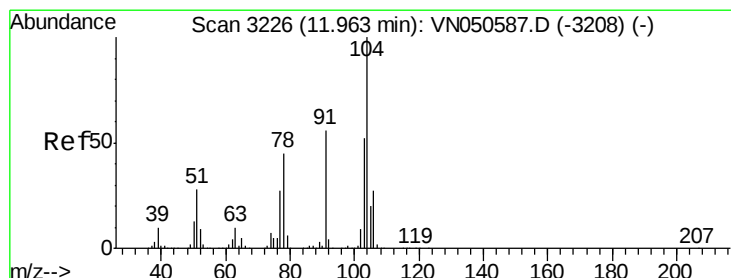
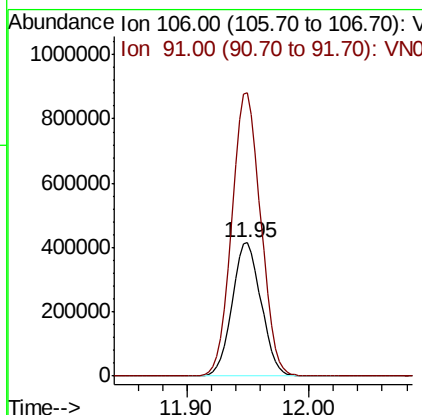
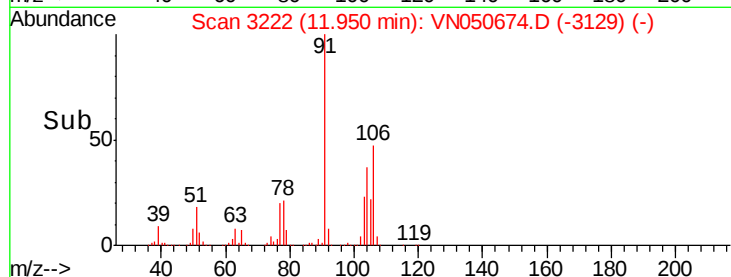
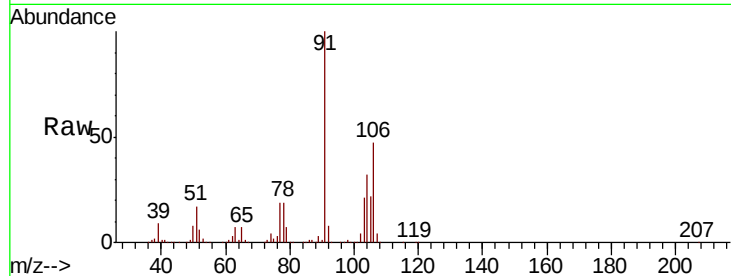




#69
o-Xylene
Concen: 54.15 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

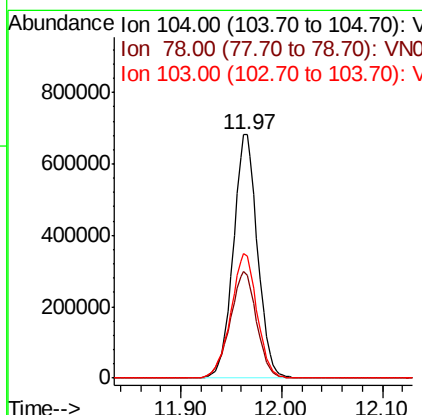
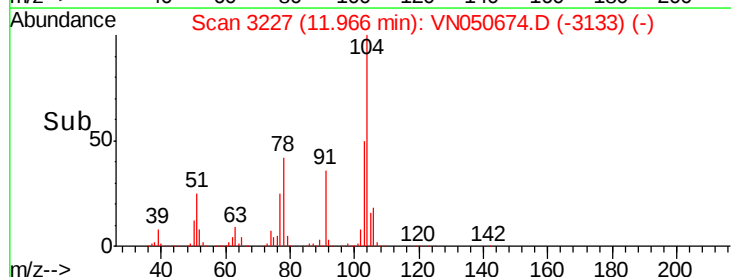
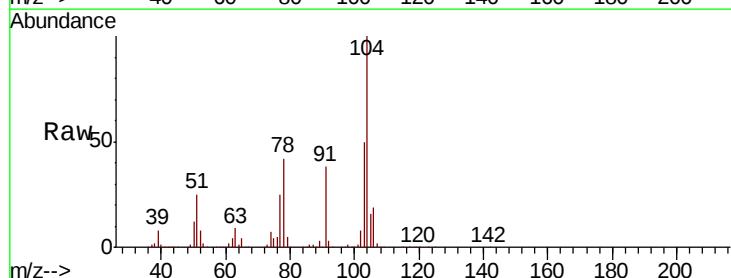
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

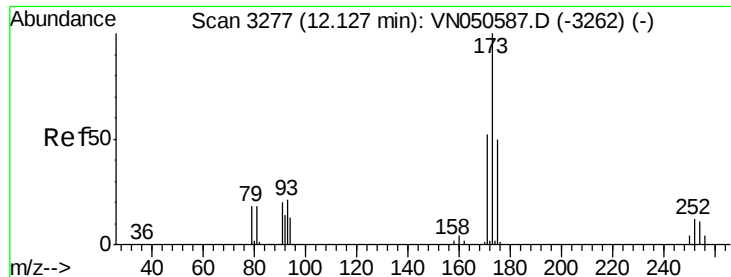
Tot Ion:106 Resp: 684142
Ion Ratio Lower Upper
106 100
91 212.7 106.8 320.4



#70
Styrene
Concen: 50.69 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion:104 Resp: 1139168
Ion Ratio Lower Upper
104 100
78 47.7 39.1 58.7
103 55.1 44.9 67.3

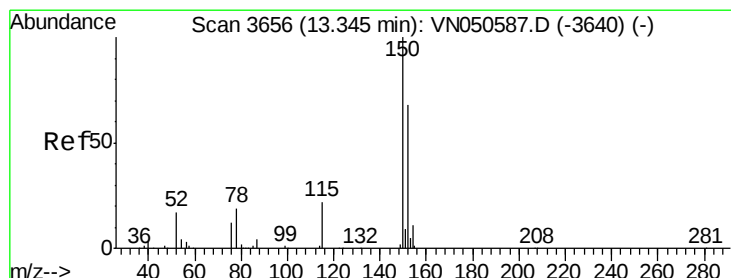
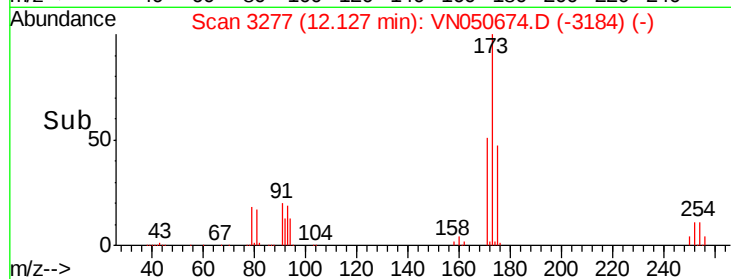
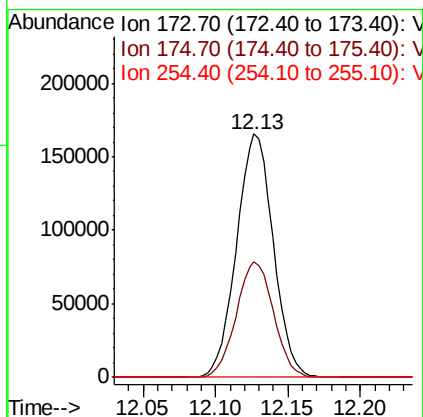
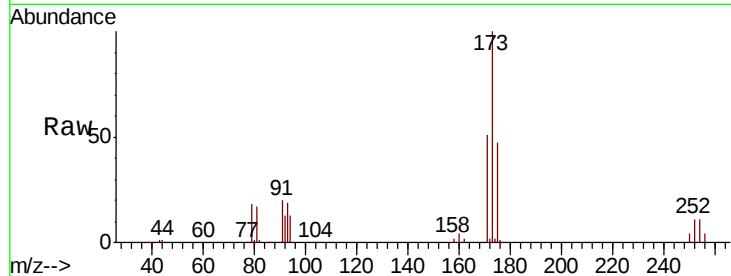




#71
Bromoform
Concen: 54.64 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

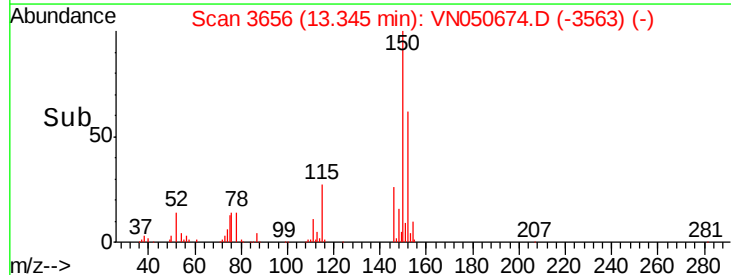
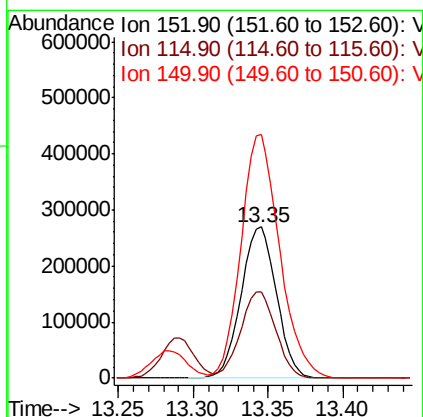
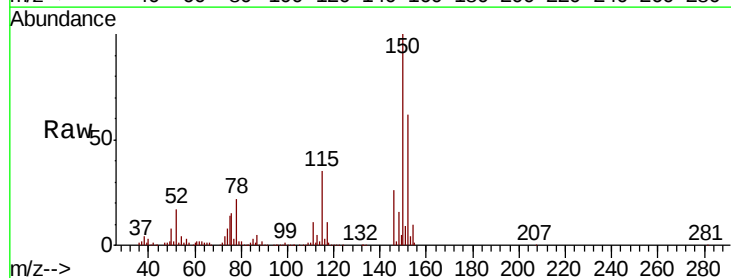
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

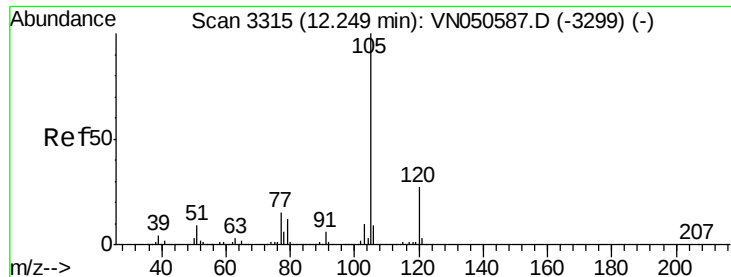
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.1	0.0	0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.1	84.2
150	175.7	0.0	347.8





#73

Isopropylbenzene

Concen: 51.91 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

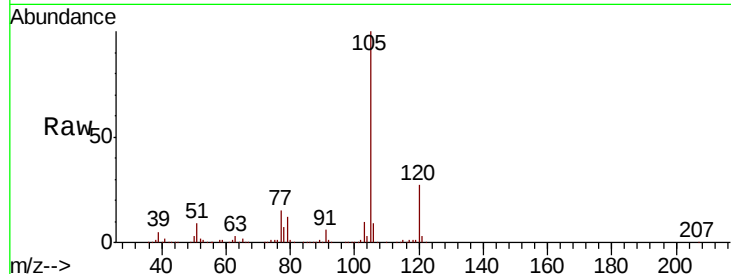
VSTDCCC050

Tot Ion:105 Resp: 1800165

Ion Ratio Lower Upper

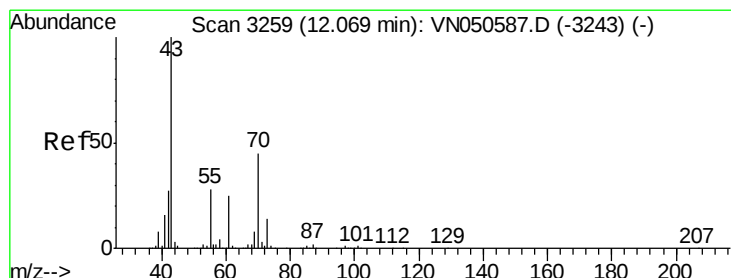
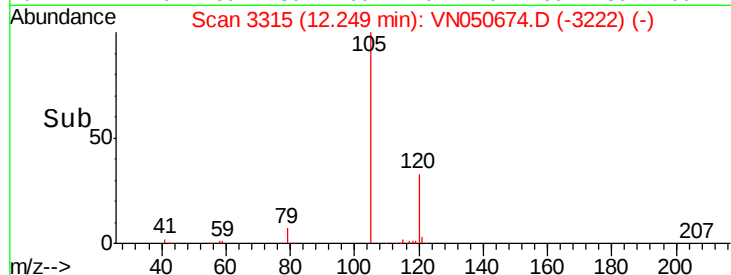
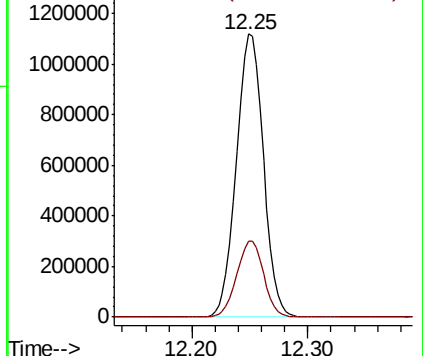
105 100

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



#74

N-ethyl acetate

Concen: 57.92 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion: 43 Resp: 522553

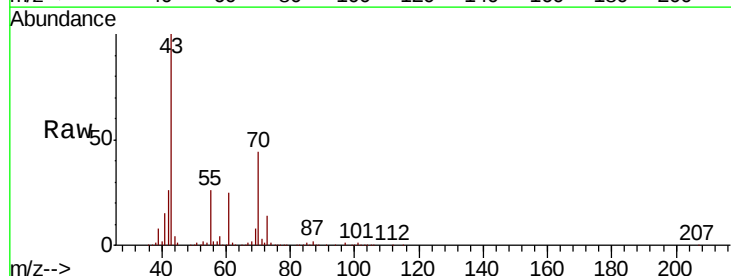
Ion Ratio Lower Upper

43 100

70 44.7 35.9 53.9

55 27.0 22.2 33.4

61 25.3 20.0 30.0

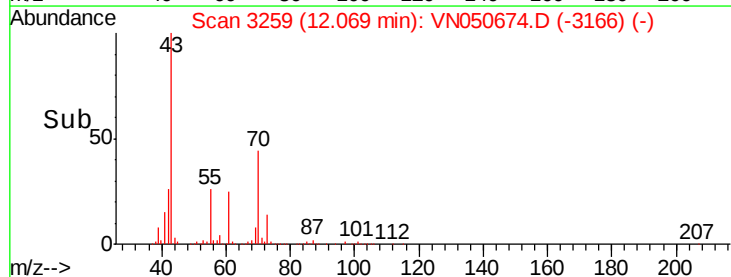
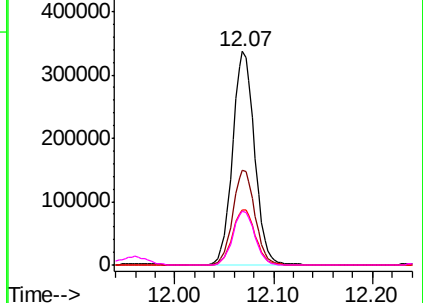


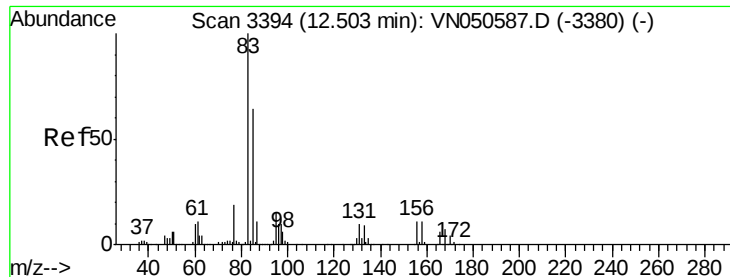
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 59.28 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

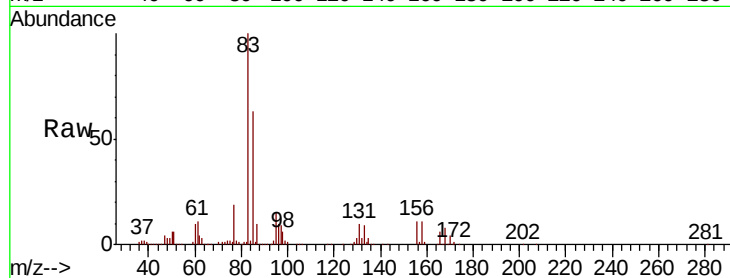
Tot Ion: 83 Resp: 473772

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

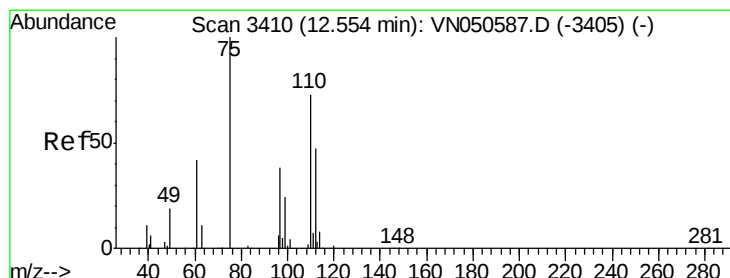
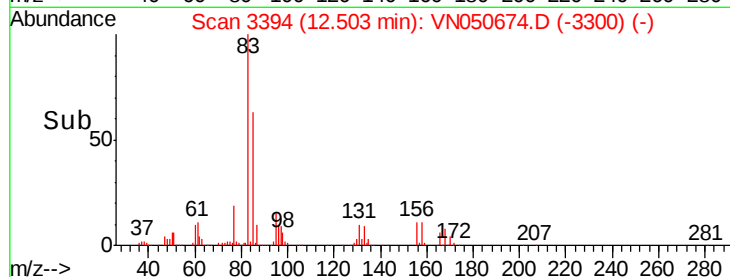
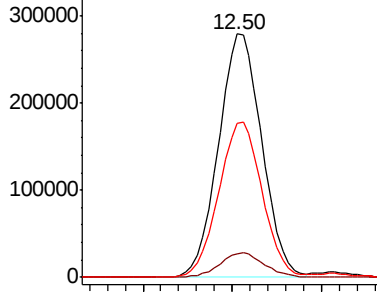
85 64.1 32.1 96.5



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: 76.88 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050674.D

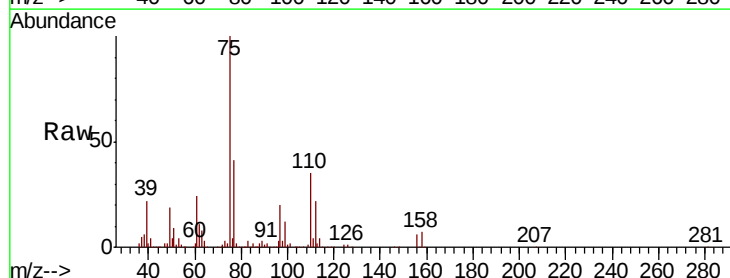
Acq: 15 Aug 2018 23:53

Tgt Ion: 75 Resp: 547305

Ion Ratio Lower Upper

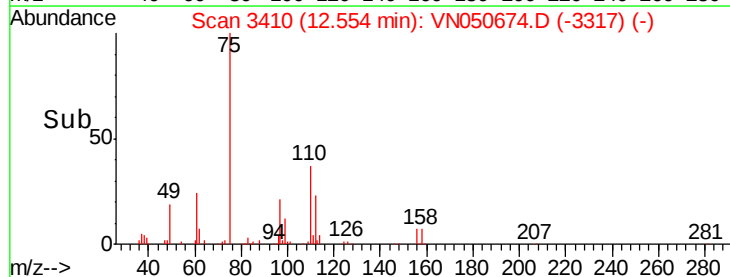
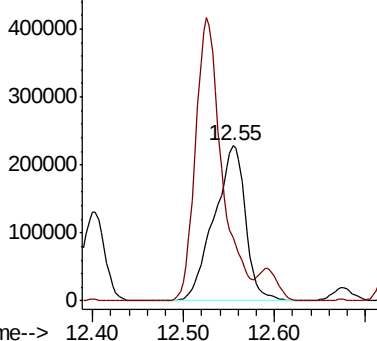
75 100

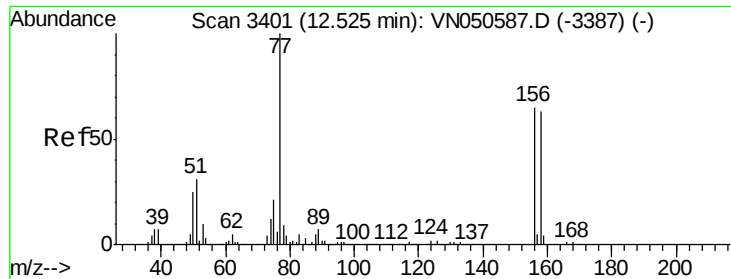
77 0.0 0.0 0.0



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

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

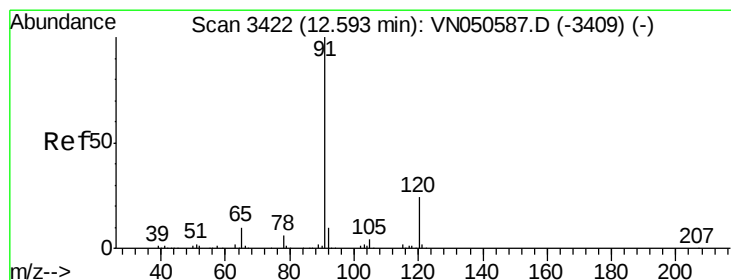
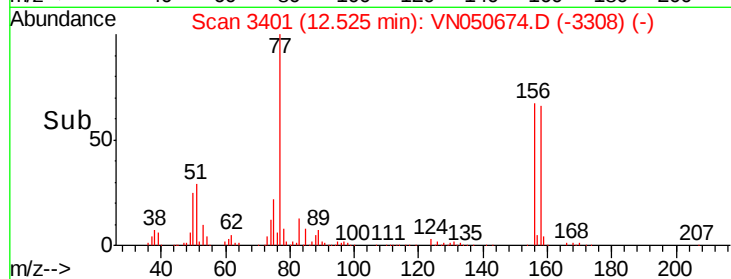
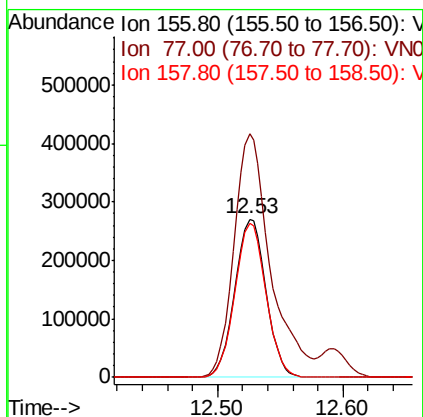
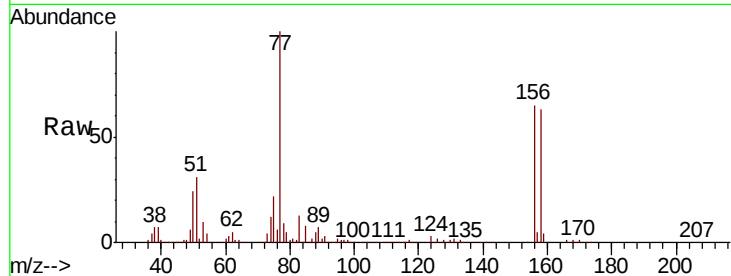




#77
Bromobenzene
Concen: 49.52 ug/l
RT: 12.53 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

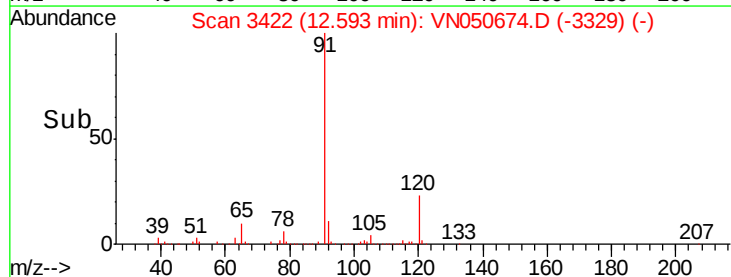
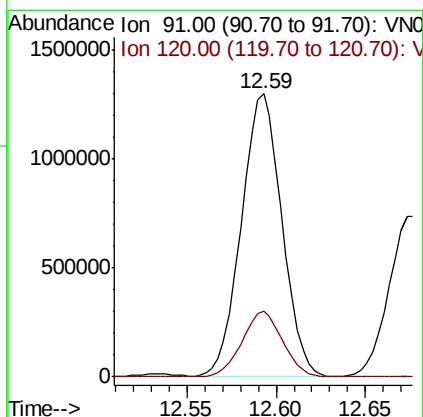
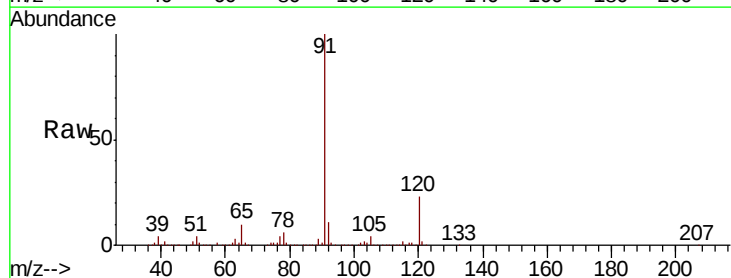
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

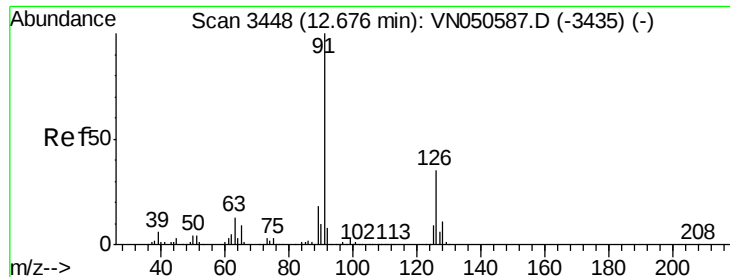
Tot Ion:156 Resp: 466208
Ion Ratio Lower Upper
156 100
77 180.6 89.0 267.1
158 97.5 48.5 145.6



#78
n-propylbenzene
Concen: 53.35 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 91 Resp: 2062887
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 51.02 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

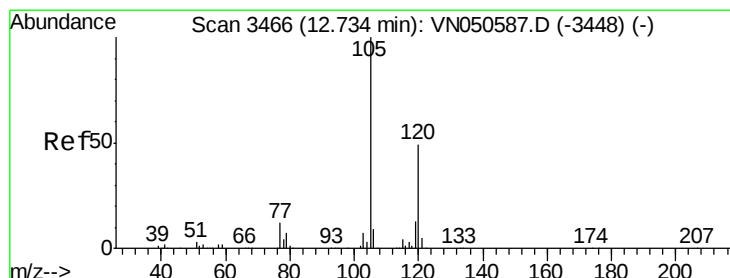
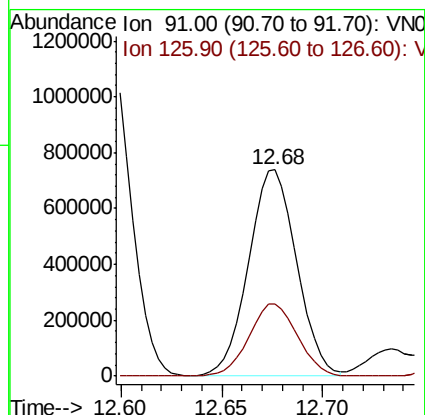
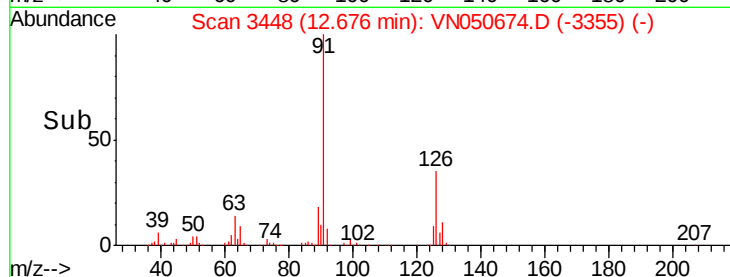
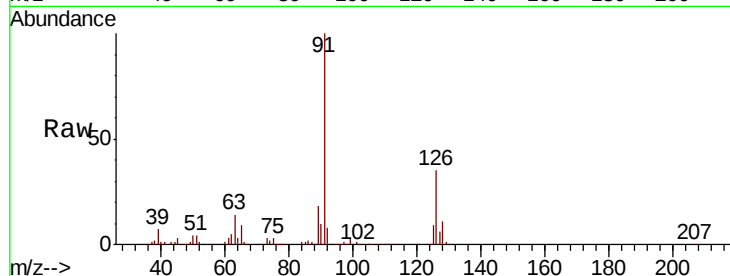
VSTDCCC050

Tot Ion: 91 Resp: 1229936

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 54.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050674.D

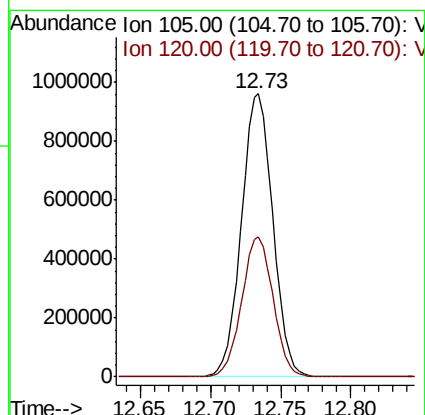
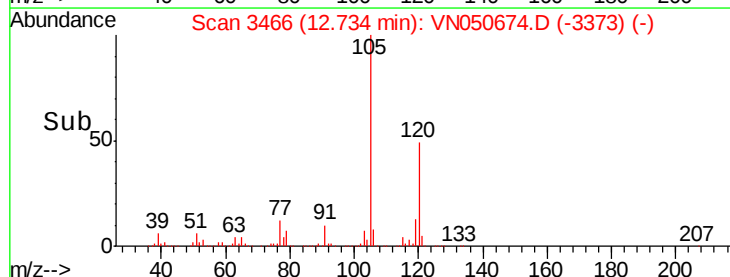
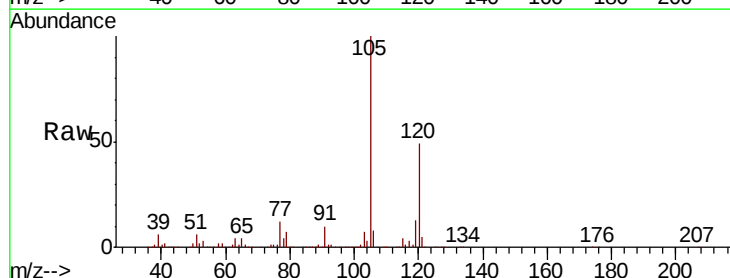
Acq: 15 Aug 2018 23:53

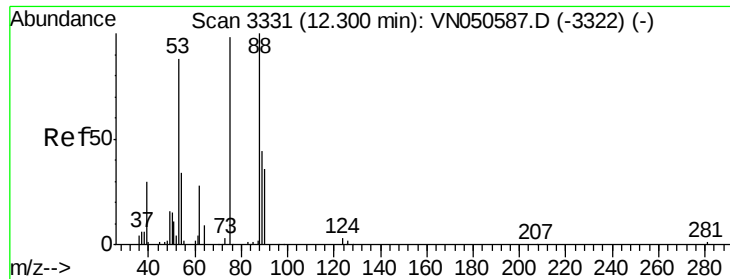
Tgt Ion: 105 Resp: 1500718

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.02 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

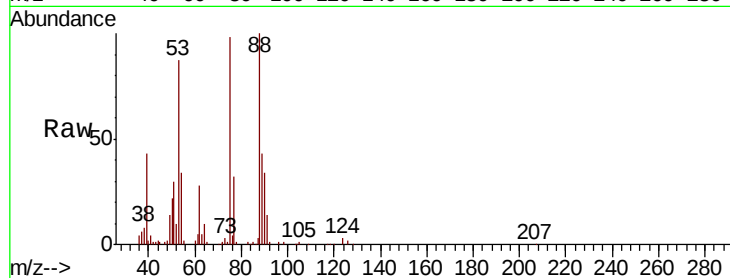
Tot Ion: 75 Resp: 103841

Ion Ratio Lower Upper

75 100

53 89.7 72.2 108.2

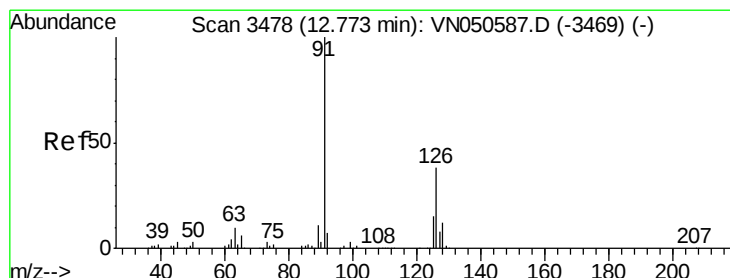
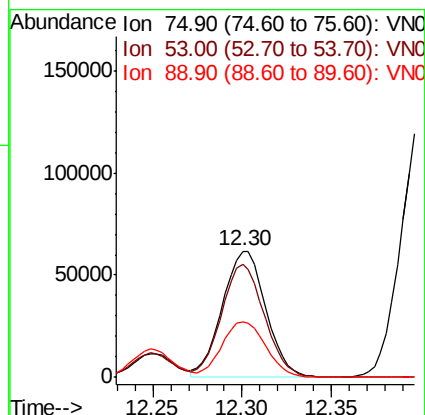
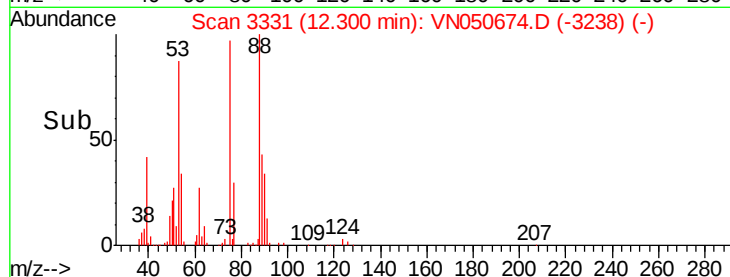
89 44.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.07 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050674.D

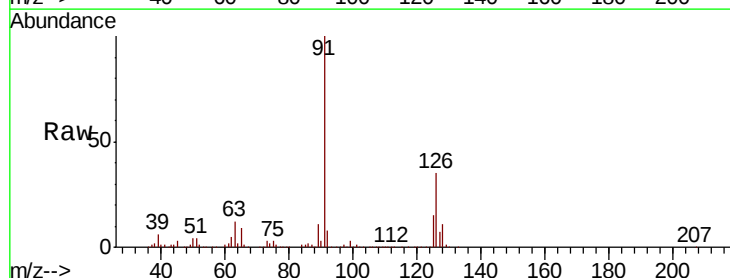
Acq: 15 Aug 2018 23:53

Tgt Ion: 91 Resp: 1240391

Ion Ratio Lower Upper

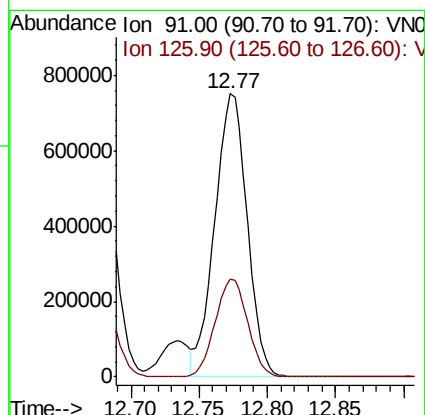
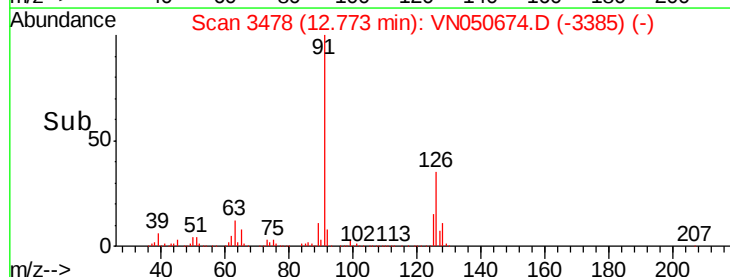
91 100

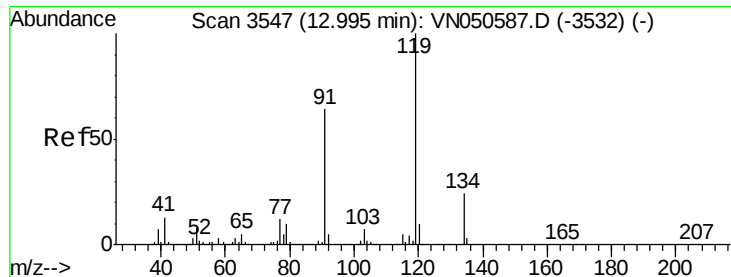
126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

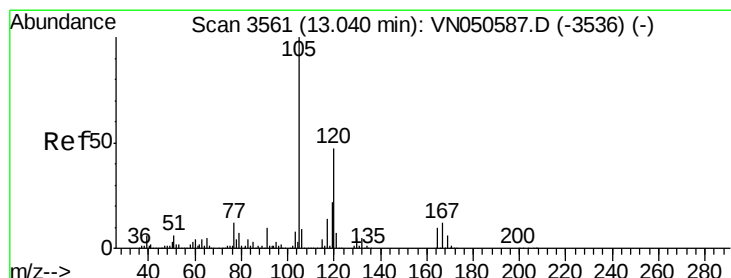
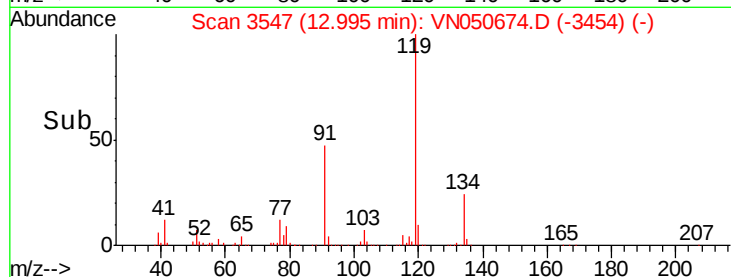
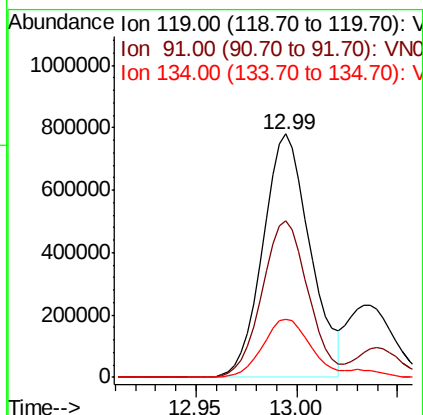
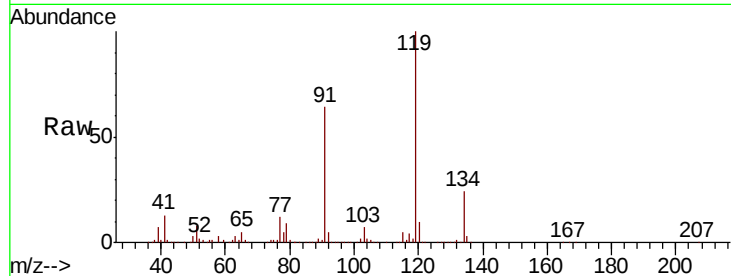




#83
 tert-Butylbenzene
 Concen: 52.82 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

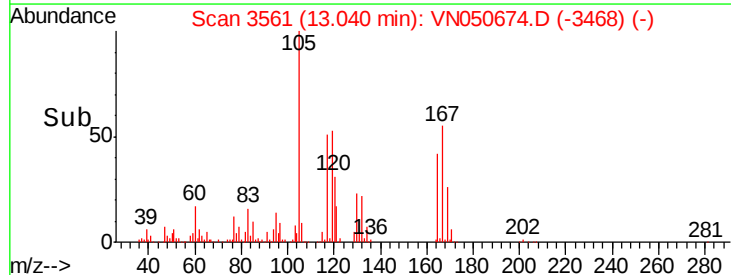
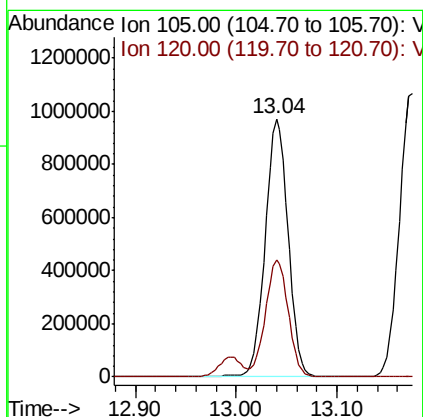
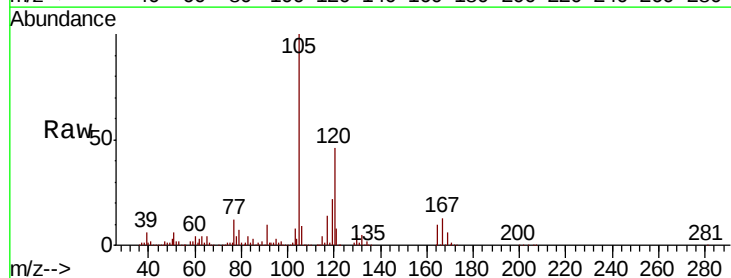
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1273022
 Ion Ratio Lower Upper
 119 100
 91 63.1 32.2 96.6
 134 24.2 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 55.12 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion:105 Resp: 1535850
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 53.29 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

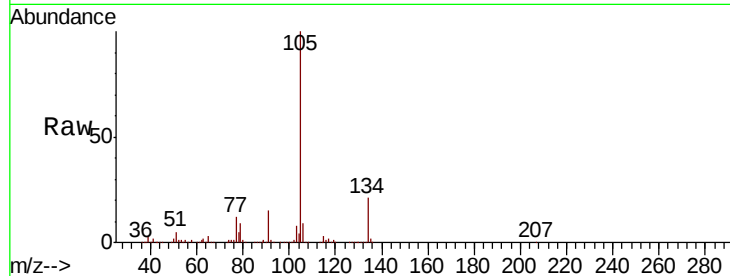
VSTDCCC050

Tot Ion:105 Resp: 1678157

Ion Ratio Lower Upper

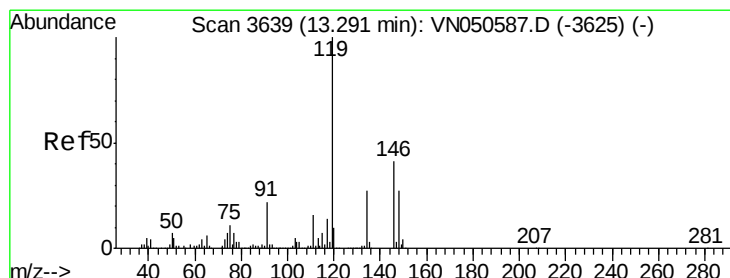
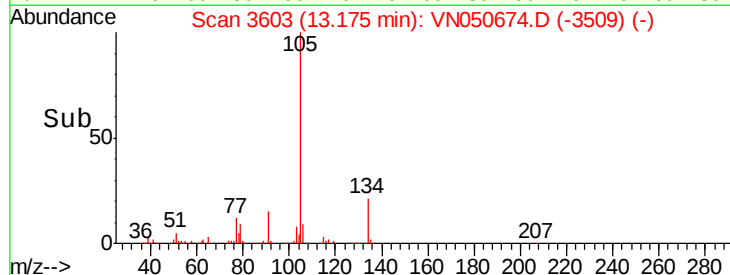
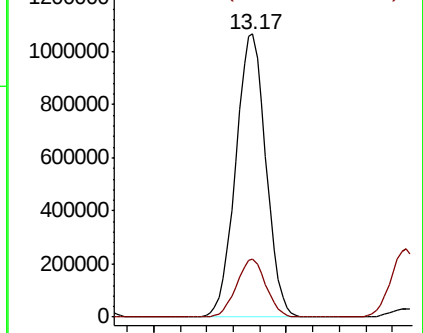
105 100

134 20.3 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: 54.84 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

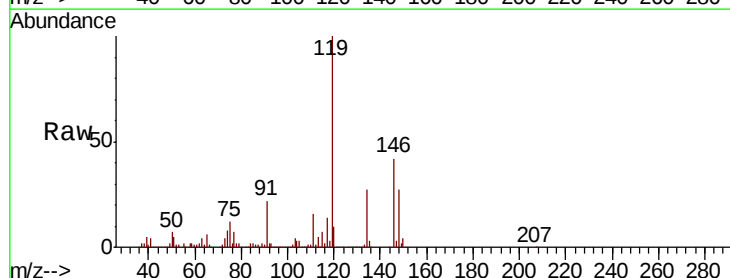
Tgt Ion:119 Resp: 1463415

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

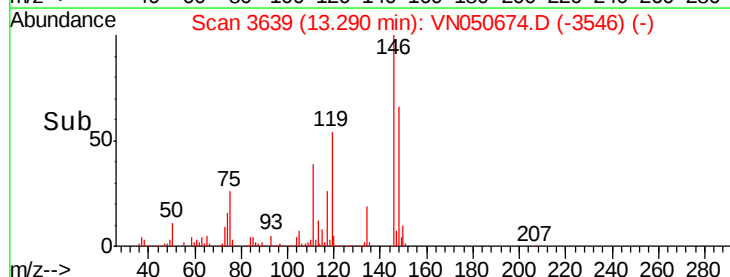
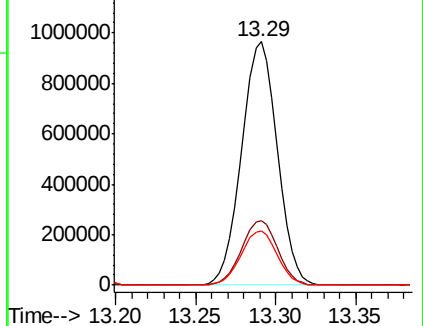
91 22.5 11.2 33.6

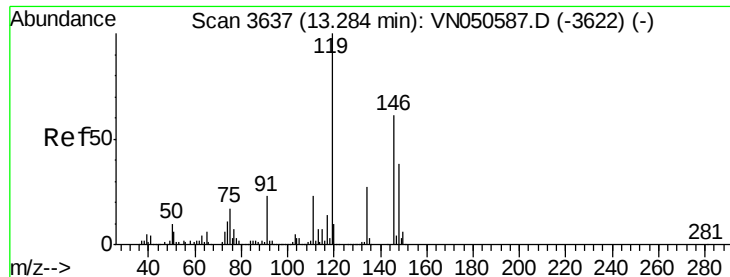


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.30 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

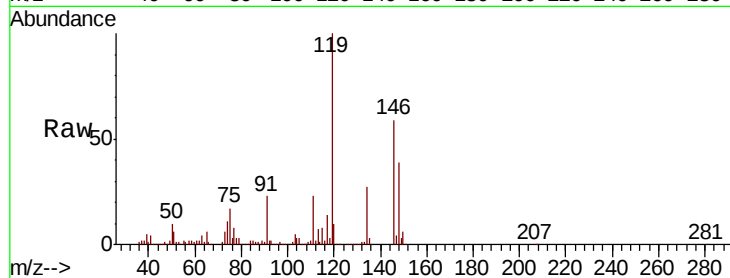
Tot Ion:146 Resp: 806181

Ion Ratio Lower Upper

146 100

111 38.5 19.2 57.6

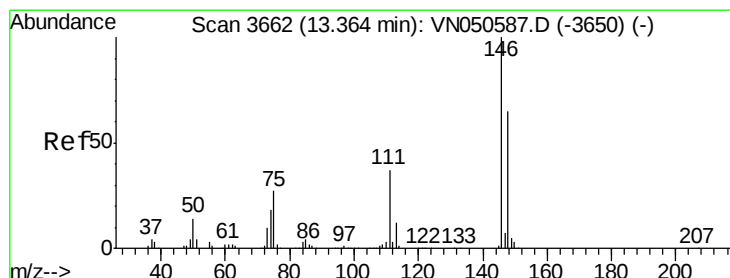
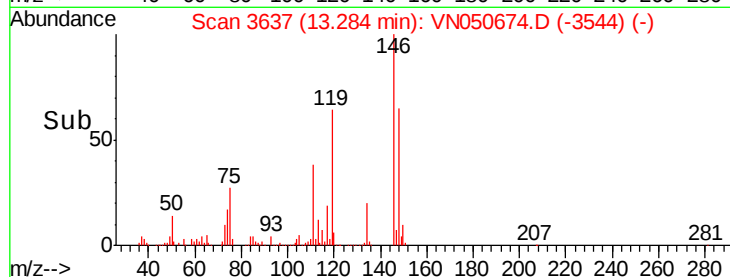
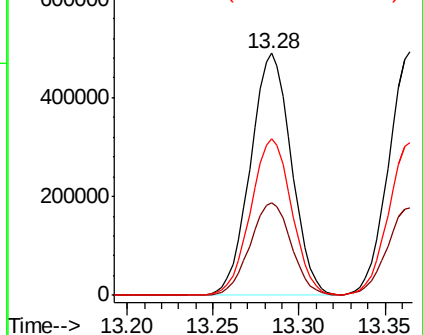
148 65.0 31.9 95.7



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: 49.88 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

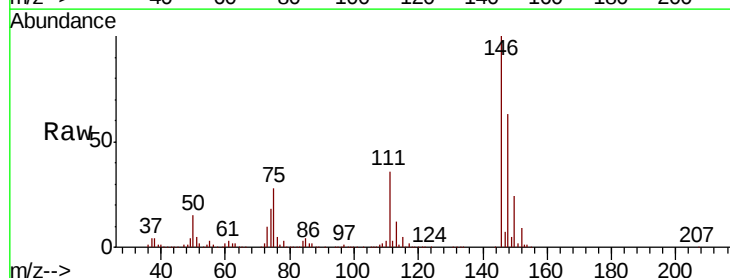
Tgt Ion:146 Resp: 793378

Ion Ratio Lower Upper

146 100

111 36.9 18.8 56.4

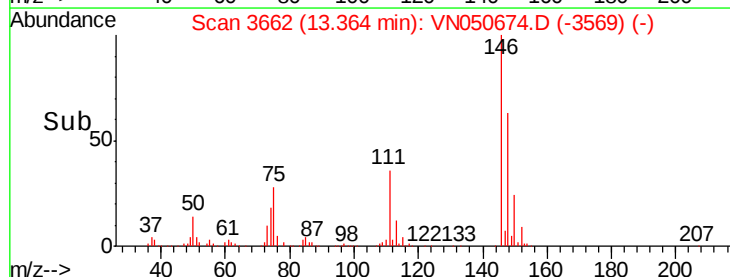
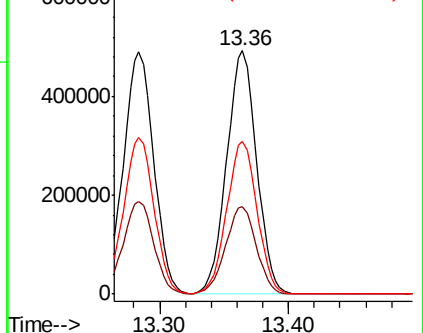
148 63.6 32.3 96.8

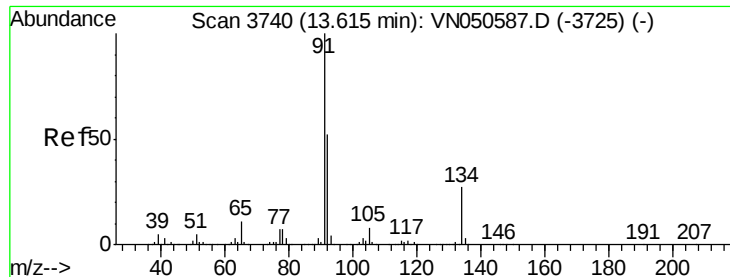


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

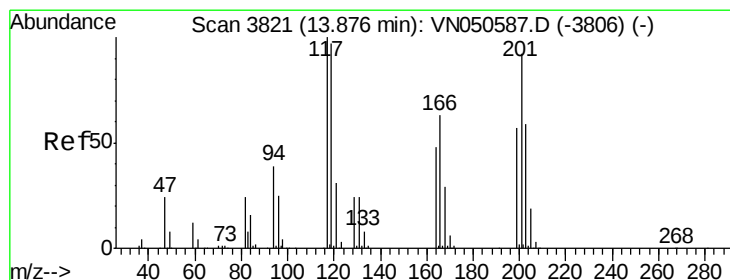
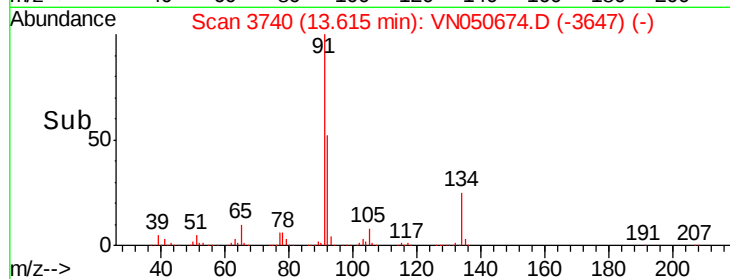
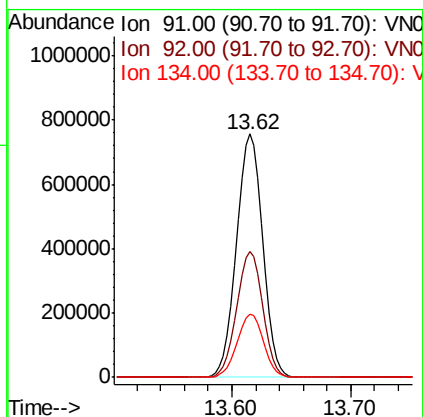
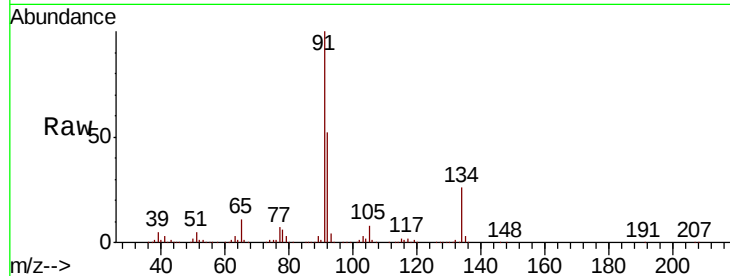




#89
n-Butylbenzene
Concen: 53.57 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

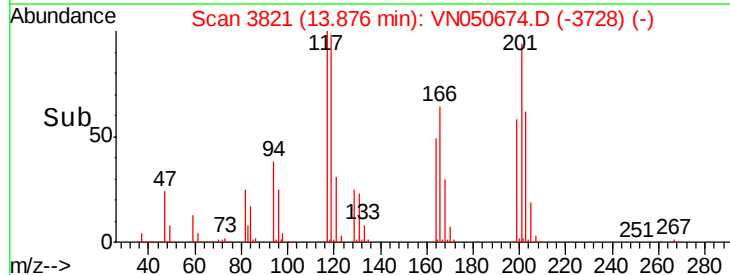
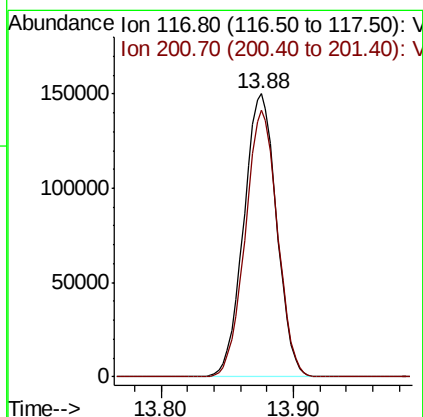
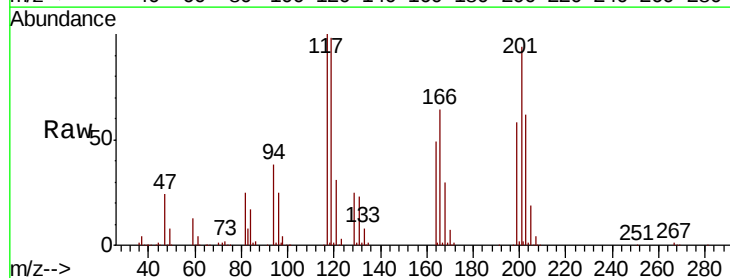
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

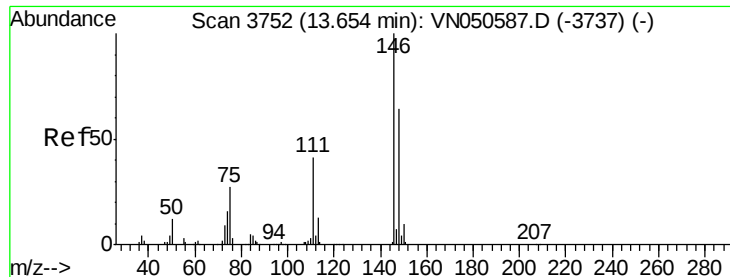
Tot Ion: 91 Resp: 1154463
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 26.1 13.3 39.9



#90
Hexachloroethane
Concen: 48.07 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 117 Resp: 257938
Ion Ratio Lower Upper
117 100
201 92.2 45.5 136.5

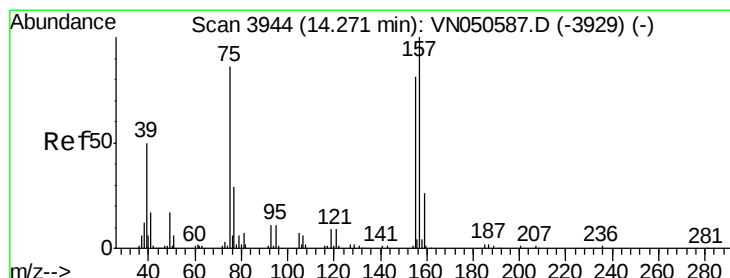
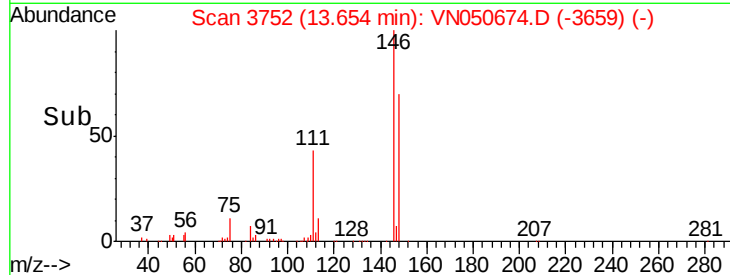
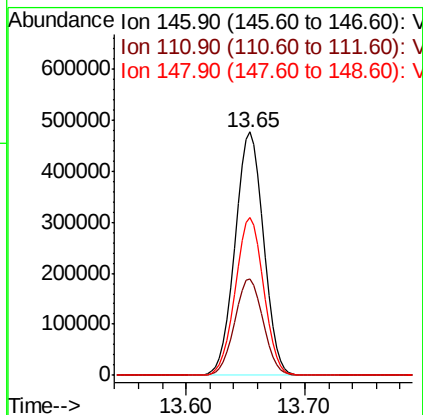
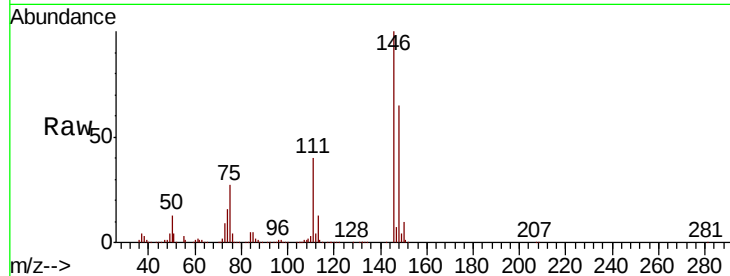




#91
 1,2-Dichlorobenzene
 Concen: 50.63 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

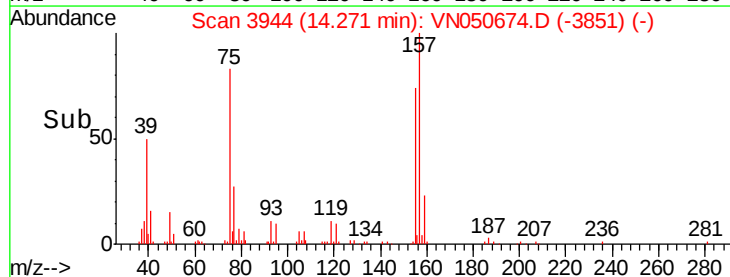
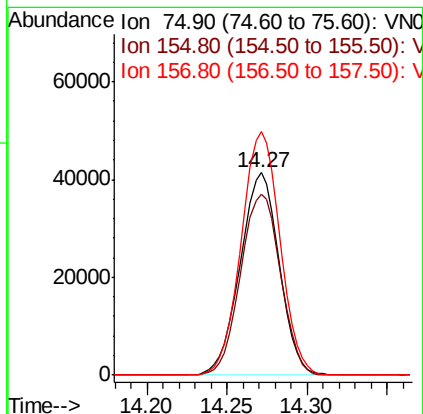
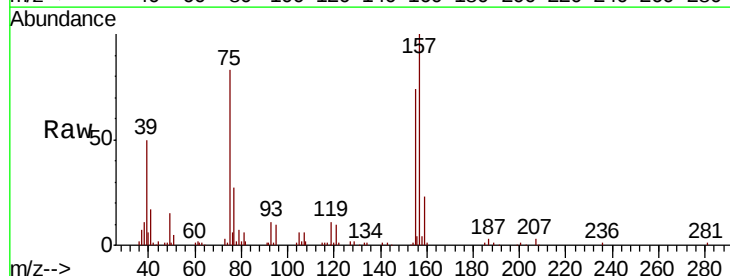
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

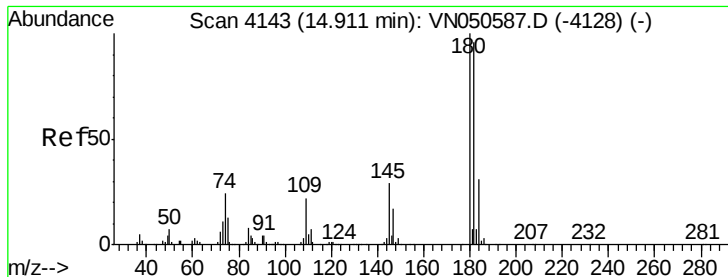
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.5	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.50 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	46.6	139.8
157	119.7	58.1	174.2

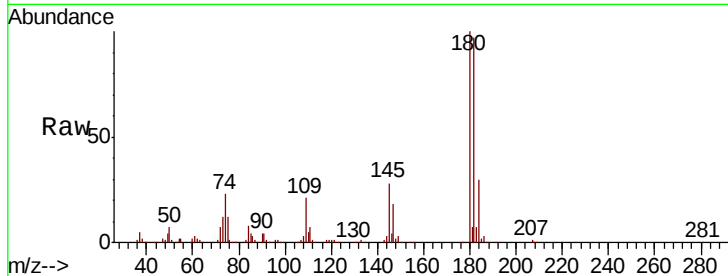




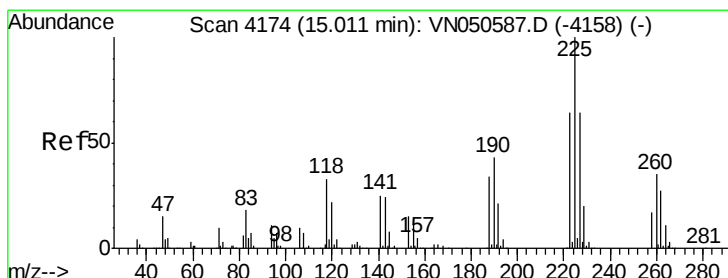
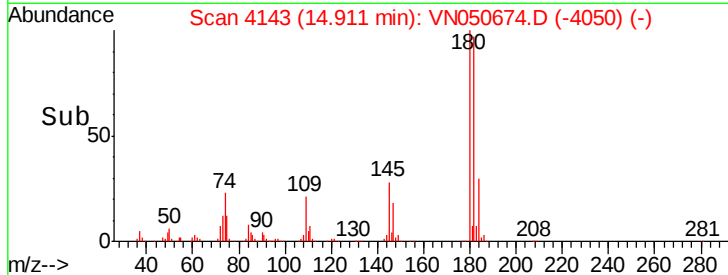
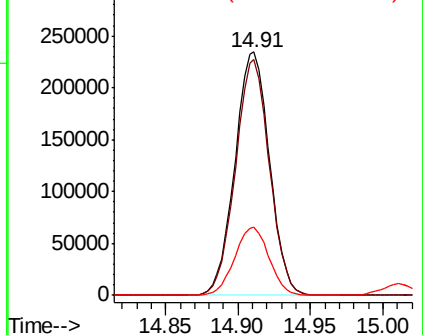
#93
 1,2,4-Trichlorobenzene
 Concen: 48.40 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 387670
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 27.9 14.4 43.4

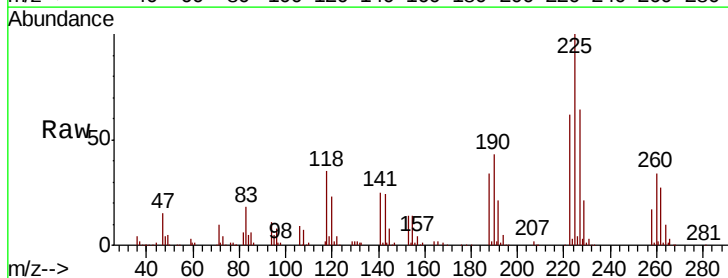


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

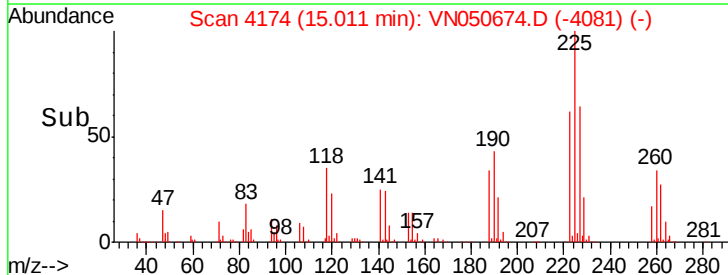
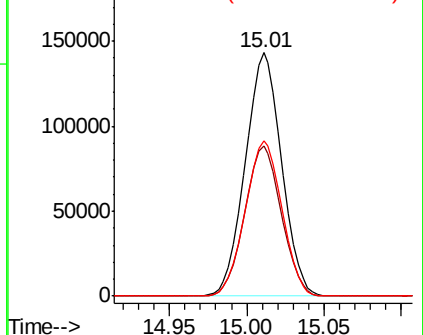


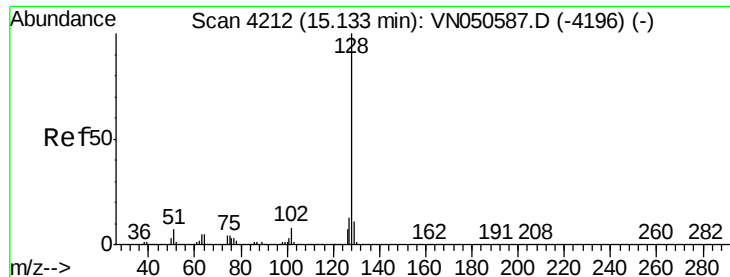
#94
 Hexachlorobutadiene
 Concen: 48.85 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion:225 Resp: 234175
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.3
 227 64.5 32.0 96.2



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

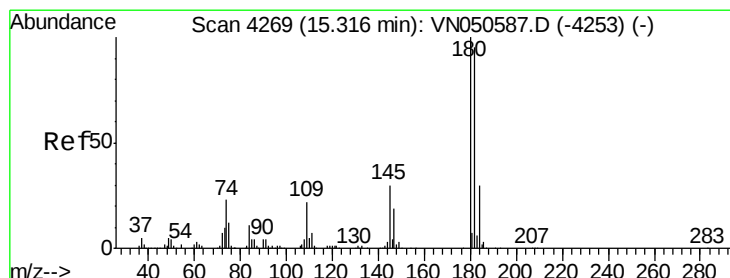
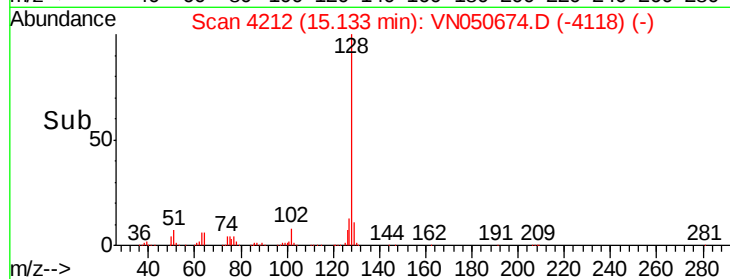
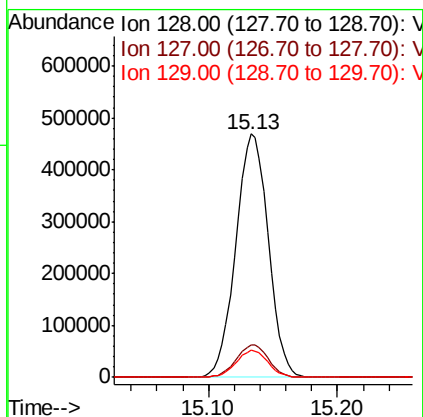
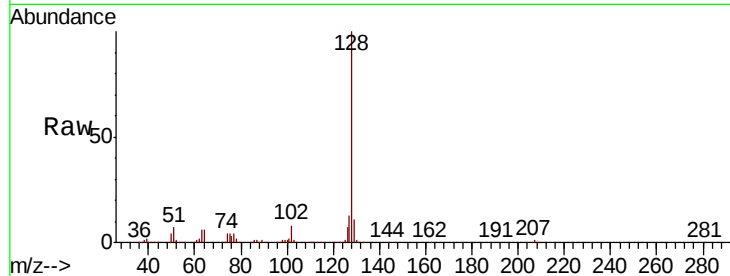




#95
Naphthalene
Concen: 48.25 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 821261
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.37 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion:180 Resp: 377676
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 30.2 14.6 44.0

