

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051047.D
 Acq On : 7 Sep 2018 12:24
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 07 23:09:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	424698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	341074	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	7.59	113	326833	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1228970	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.40	95	424324	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	459284	55.28	ug/l	99
3) Chloromethane	2.06	50	478172	46.66	ug/l	100
4) Vinyl Chloride	2.18	62	475268	48.96	ug/l	99
5) Bromomethane	2.54	94	247308	44.72	ug/l	99
6) Chloroethane	2.69	64	267461	47.69	ug/l	100
7) Trichlorofluoromethane	3.00	101	623196	50.14	ug/l	99
8) Diethyl Ether	3.41	74	222911	52.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	384795	49.55	ug/l	98
10) Methyl Iodide	3.95	142	294474	44.07	ug/l	100
11) Tert butyl alcohol	4.80	59	146236	307.28	ug/l	99
12) 1,1-Dichloroethene	3.73	96	351793	50.45	ug/l	97
13) Acrolein	3.61	56	67400	243.07	ug/l	100
14) Allyl chloride	4.32	41	551936	50.80	ug/l	98
15) Acrylonitrile	4.99	53	693847	286.88	ug/l	98
16) Acetone	3.82	43	538545	305.89	ug/l	98
17) Carbon Disulfide	4.05	76	1089206	46.60	ug/l	100
18) Methyl Acetate	4.33	43	398148	56.42	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	977334	55.73	ug/l	100
20) Methylene Chloride	4.55	84	397265	47.16	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	371659	49.28	ug/l	100
22) Diisopropyl ether	5.95	45	1109672	51.25	ug/l	97
23) Vinyl Acetate	5.90	43	3745226	268.59	ug/l	99
24) 1,1-Dichloroethane	5.85	63	664390	47.80	ug/l	100
25) 2-Butanone	6.84	43	818541	271.78	ug/l	99
26) 2,2-Dichloropropane	6.82	77	551731	49.40	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	411653	50.63	ug/l	99
28) Bromochloromethane	7.19	49	261176	44.22	ug/l	96
29) Tetrahydrofuran	7.21	42	517741	299.83	ug/l	98
30) Chloroform	7.37	83	663532	48.20	ug/l	99
31) Cyclohexane	7.65	56	618438	48.96	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	571794	48.36	ug/l	99
36) 1,1-Dichloropropene	7.79	75	519272	51.49	ug/l	99
37) Ethyl Acetate	6.93	43	338195	58.37	ug/l	99
38) Carbon Tetrachloride	7.77	117	516966	50.71	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	601186	55.10	ug/l	98
40) Benzene	8.04	78	1566652	51.51	ug/l	100
41) Methacrylonitrile	7.17	41	176423	56.27	ug/l	99
42) 1,2-Dichloroethane	8.12	62	464159	51.05	ug/l	99
43) Isopropyl Acetate	8.17	43	578204	58.04	ug/l	99
44) Trichloroethene	8.84	130	418278	52.15	ug/l	97
45) 1,2-Dichloropropane	9.12	63	402884	50.40	ug/l	98
46) Dibromomethane	9.21	93	245326	52.23	ug/l	97
47) Bromodichloromethane	9.40	83	506263	51.46	ug/l	98
48) Methyl methacrylate	9.20	41	298235	58.75	ug/l	98
49) 1,4-Dioxane	9.20	88	79375	1146.93	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1702845	286.46	ug/l	99
52) Toluene	10.16	92	973627	54.04	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	529558	54.08	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	607251	54.16	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	358100	53.55	ug/l	99
56) Ethyl methacrylate	10.43	69	464319	53.22	ug/l	99
57) 1,3-Dichloropropane	10.71	76	599353	54.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	906764	239.43	ug/l	98
59) 2-Hexanone	10.75	43	1197968	302.72	ug/l	98
60) Dibromochloromethane	10.90	129	406177	54.25	ug/l	99
61) 1,2-Dibromoethane	11.01	107	361547	55.91	ug/l	100
64) Tetrachloroethene	10.63	164	383342	51.20	ug/l	99
65) Chlorobenzene	11.43	112	1071199	51.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	391208	51.89	ug/l	98
67) Ethyl Benzene	11.51	91	1827306	54.55	ug/l	98
68) m/p-Xylenes	11.62	106	1437239	113.03	ug/l	99
69) o-Xylene	11.95	106	689892	56.44	ug/l	98
70) Styrene	11.96	104	1100869	51.07	ug/l	100
71) Bromoform	12.13	173	298108	57.50	ug/l #	99
73) Isopropylbenzene	12.25	105	1819151	51.73	ug/l	100
74) N-amyl acetate	12.07	43	494652	55.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	471525	56.45	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	564423	75.88	ug/l #	100
77) Bromobenzene	12.53	156	473180	49.51	ug/l	98
78) n-propylbenzene	12.59	91	2065996	52.59	ug/l	99
79) 2-Chlorotoluene	12.67	91	1232627	50.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1512122	53.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124905	56.76	ug/l	99
82) 4-Chlorotoluene	12.77	91	1243904	51.49	ug/l	100
83) tert-Butylbenzene	12.99	119	1299646	52.89	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1540816	53.98	ug/l	99
85) sec-Butylbenzene	13.17	105	1731085	53.76	ug/l	100
86) p-Isopropyltoluene	13.29	119	1545425	56.32	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	830526	51.21	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	808379	50.64	ug/l	99
89) n-Butylbenzene	13.62	91	1231396	56.11	ug/l	99
90) Hexachloroethane	13.88	117	270920	51.80	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	807648	51.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71363	56.50	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

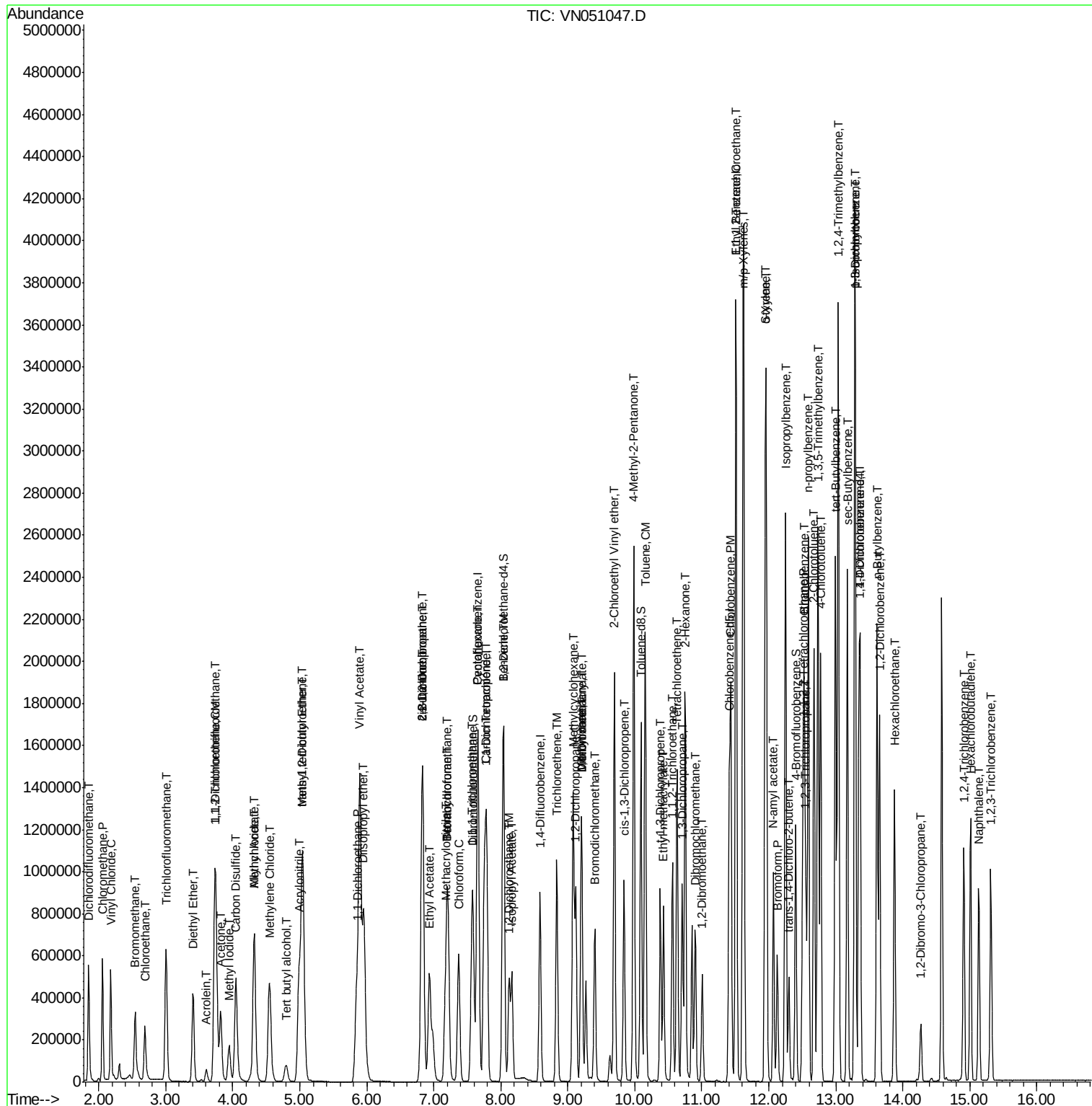
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	397656	48.95	ug/l	99
94) Hexachlorobutadiene	15.01	225	279835	60.57	ug/l	99
95) Naphthalene	15.13	128	807027	47.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	387938	50.78	ug/l	99

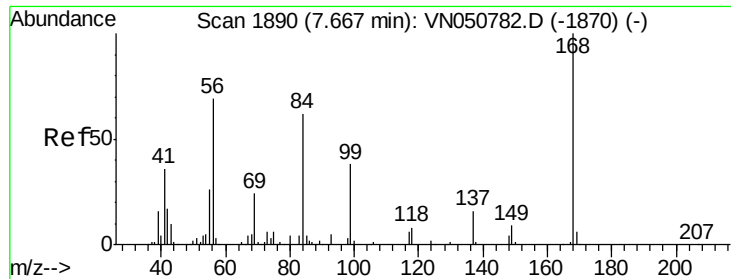
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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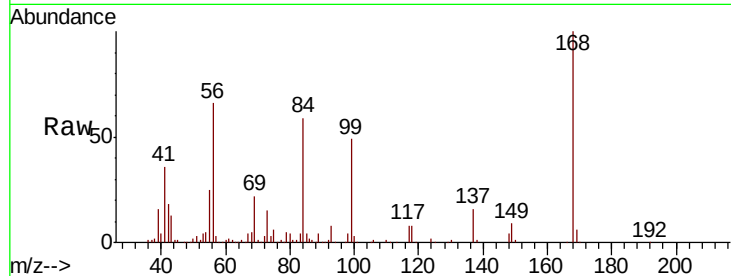


#1

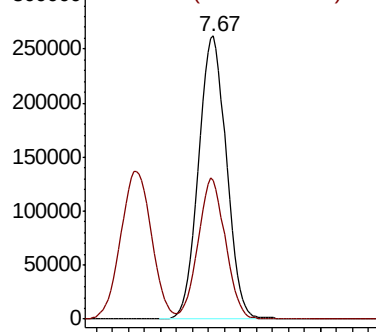
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

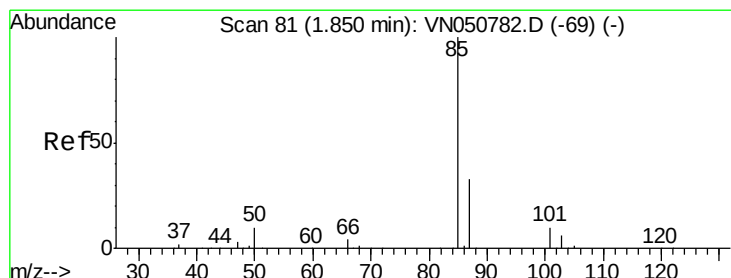
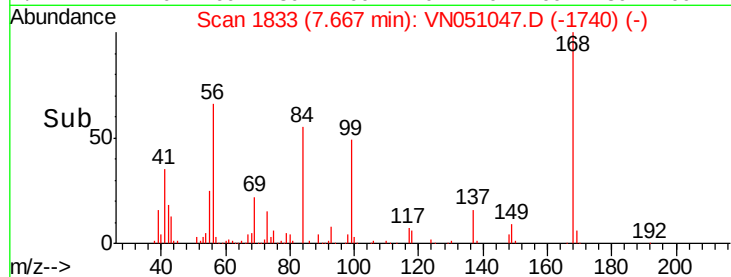
Tot Ion:168 Resp: 620792
 Ion Ratio Lower Upper
 168 100
 99 49.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



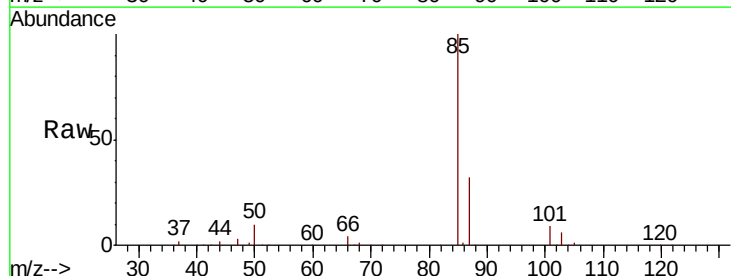
Time-->



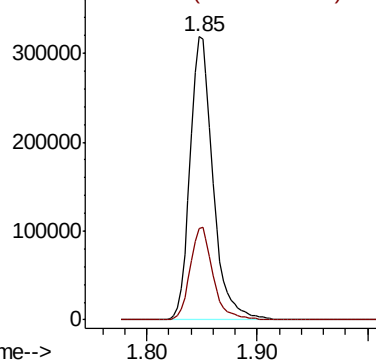
#2

Dichlorodifluoromethane
 Concen: 55.28 ug/l
 RT: 1.85 min Scan# 23
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

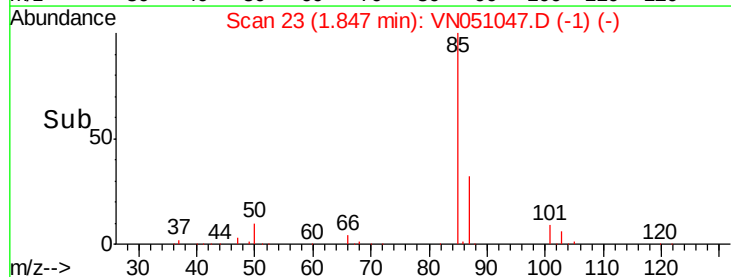
Tgt Ion: 85 Resp: 459284
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.4 49.1

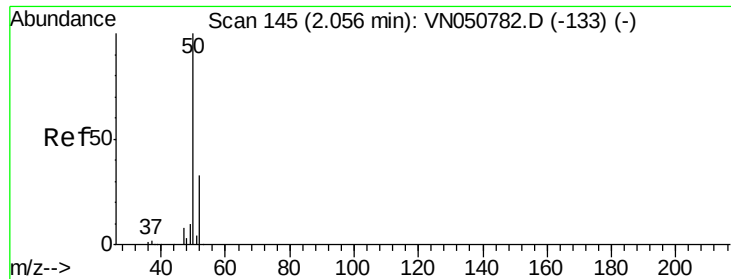


Abundance Ion 84.90 (84.60 to 85.60): VNO
 Ion 86.90 (86.60 to 87.60): VNO



Time-->





#3

Chloromethane

Concen: 46.66 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

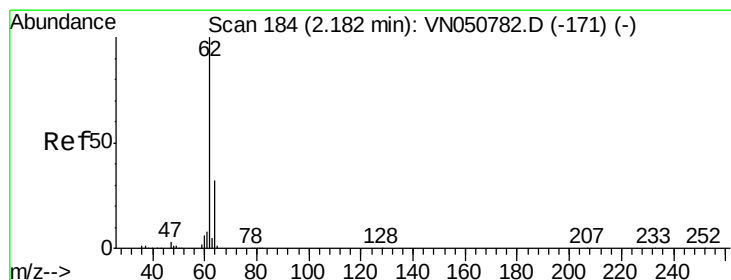
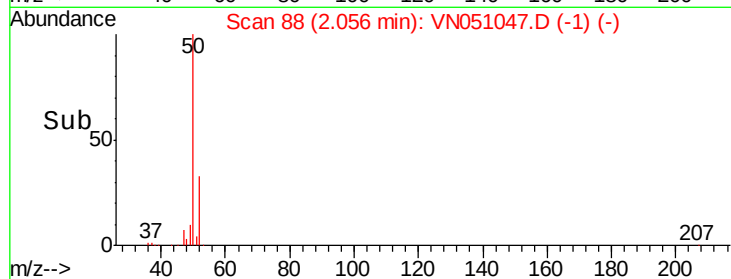
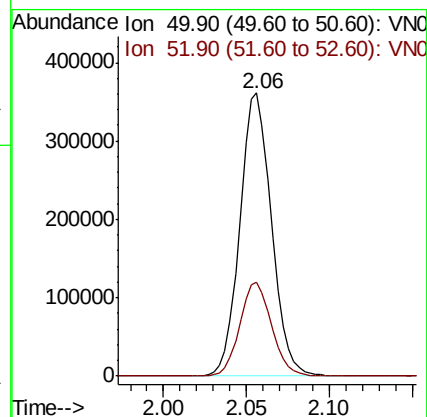
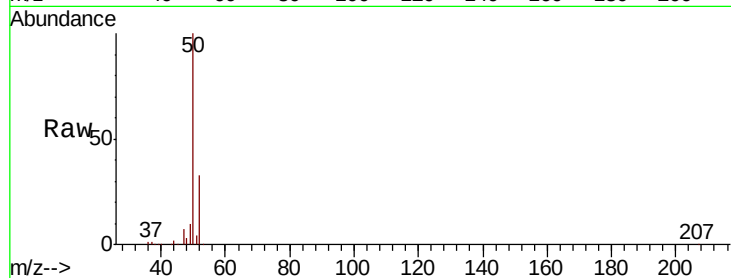
VSTDCCC050

Tot Ion: 50 Resp: 478172

Ion Ratio Lower Upper

50 100

52 33.1 26.3 39.5



#4

Vinyl Chloride

Concen: 48.96 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051047.D

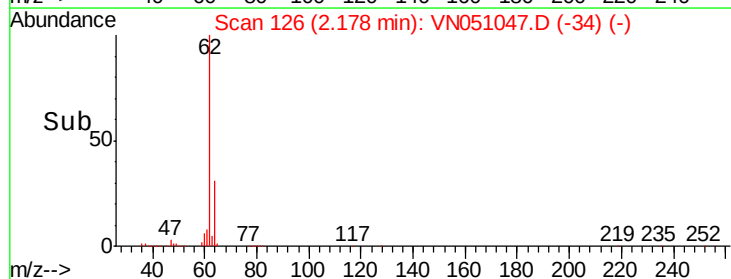
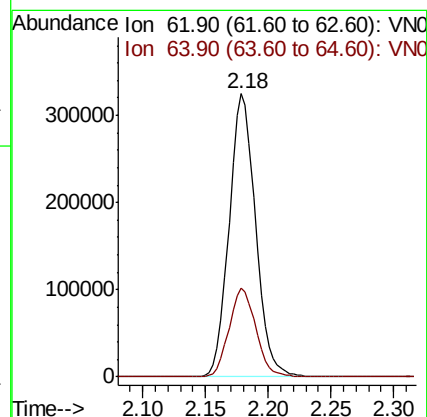
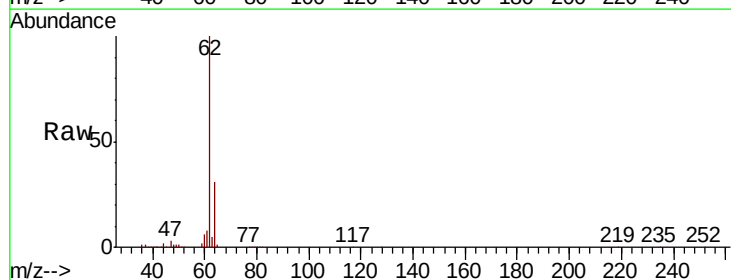
Acq: 7 Sep 2018 12:24

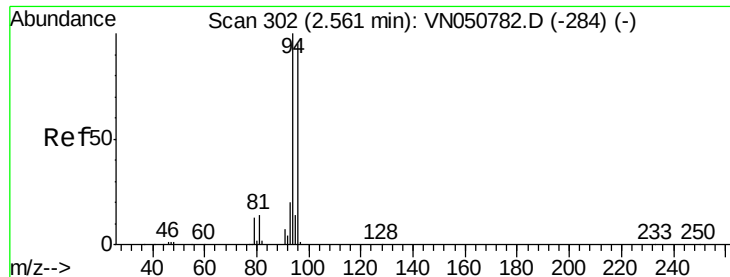
Tgt Ion: 62 Resp: 475268

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 44.72 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.02 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

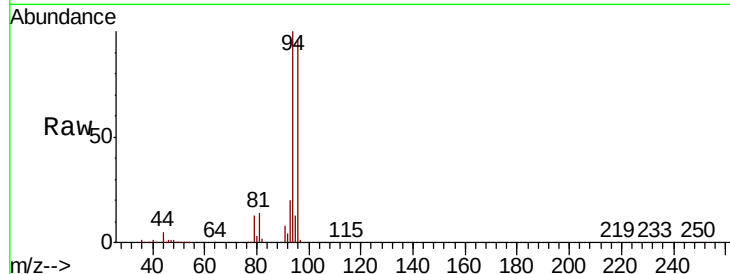
VSTDCCC050

Tot Ion: 94 Resp: 247308

Ion Ratio Lower Upper

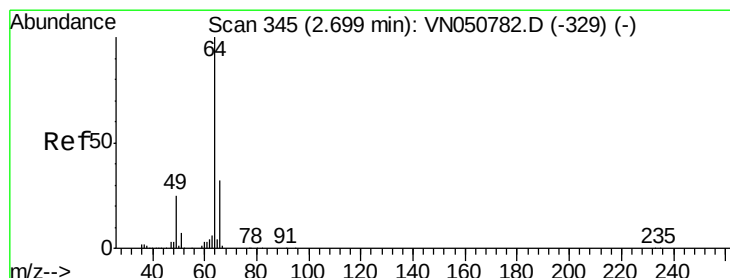
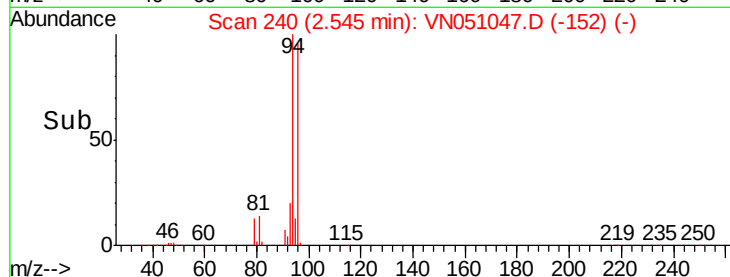
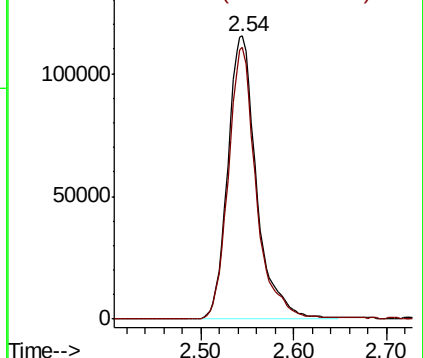
94 100

96 96.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.69 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.01 min

Lab File: VN051047.D

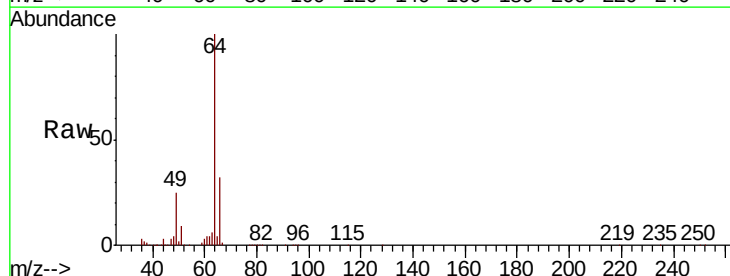
Acq: 7 Sep 2018 12:24

Tgt Ion: 64 Resp: 267461

Ion Ratio Lower Upper

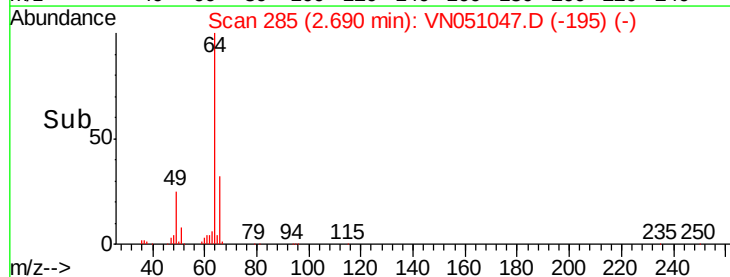
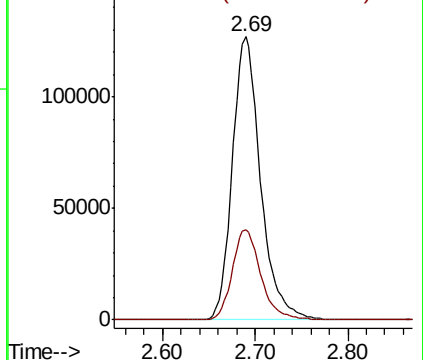
64 100

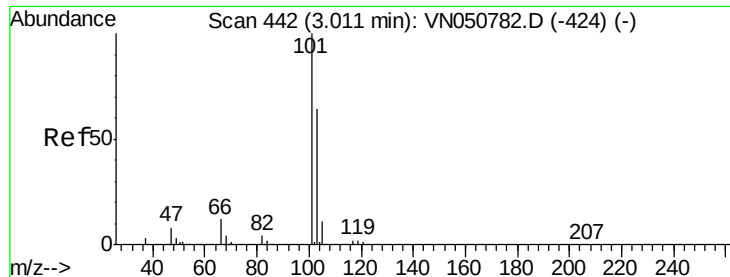
66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



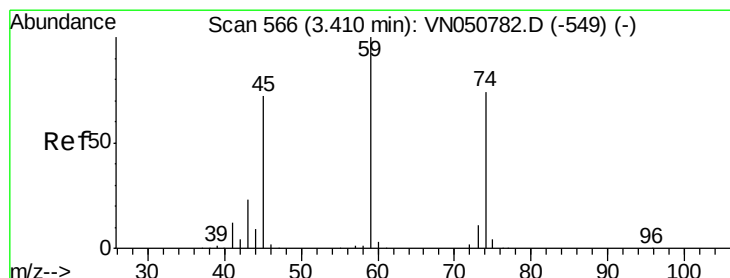
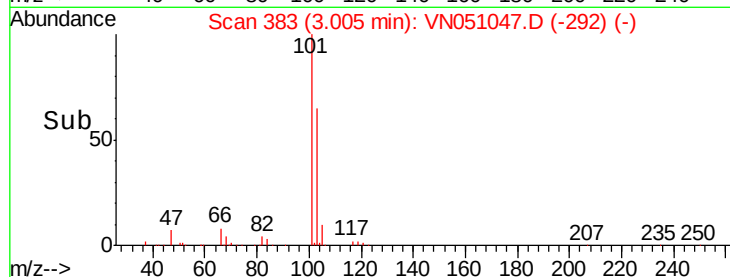
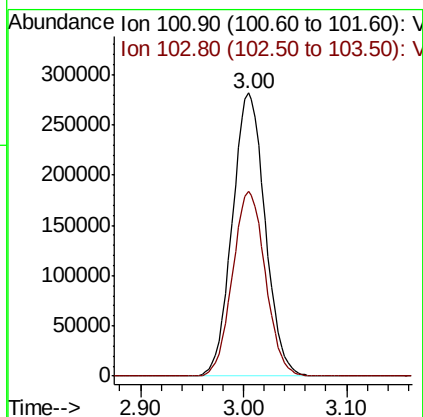
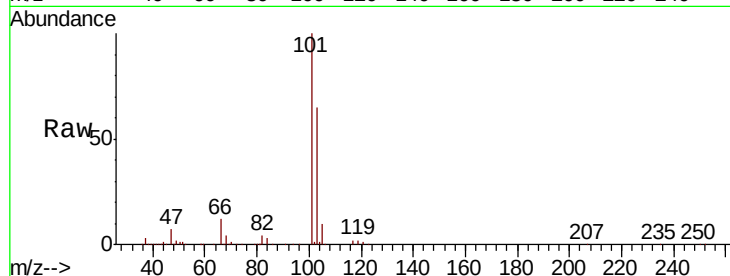


#7

Trichlorofluoromethane
Concen: 50.14 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.01 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

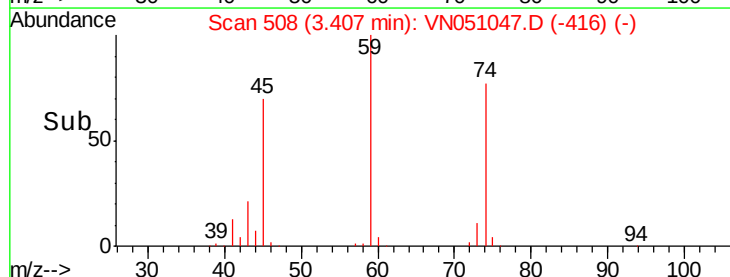
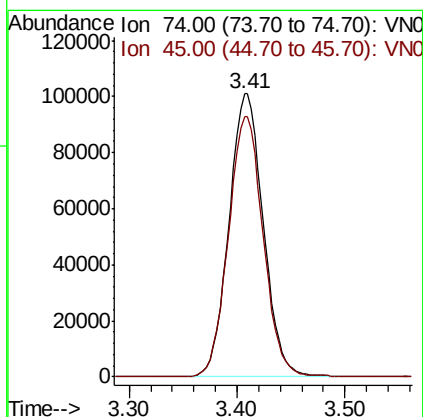
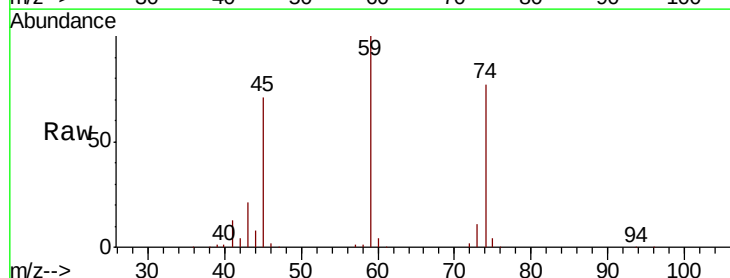
Tot Ion:101 Resp: 623196
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

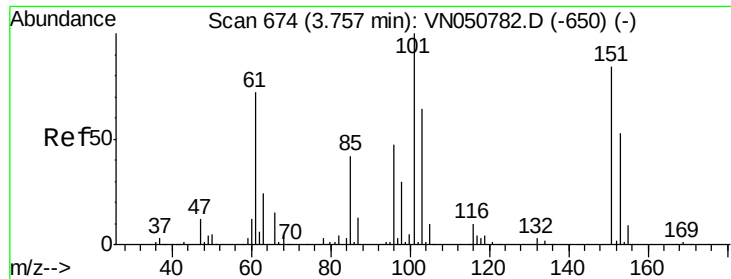


#8

Diethyl Ether
Concen: 52.74 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 74 Resp: 222911
Ion Ratio Lower Upper
74 100
45 93.3 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.55 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

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VSTDCCC050

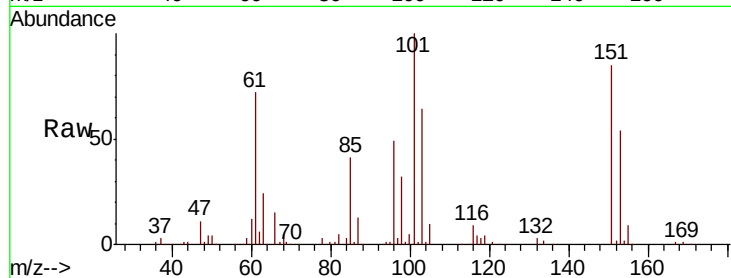
Tot Ion:101 Resp: 384795

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

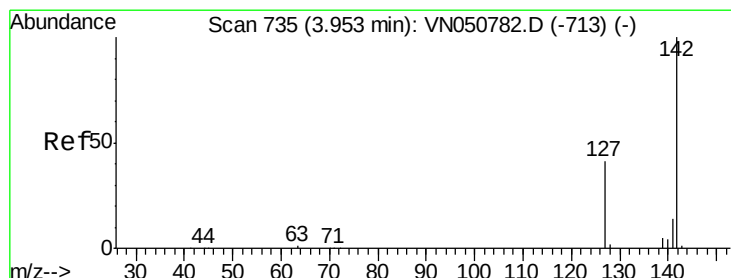
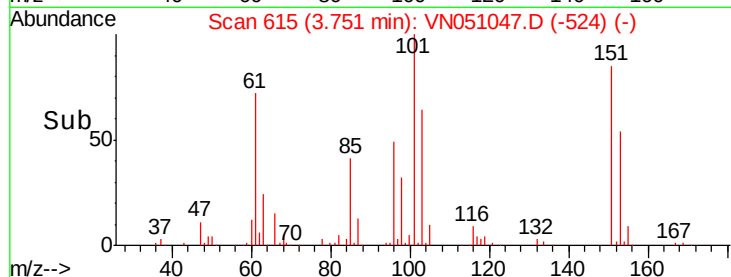
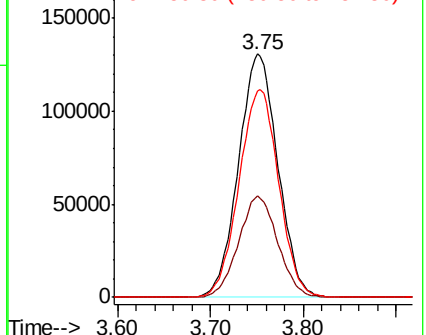
151 86.4 67.4 101.2



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: 44.07 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.01 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

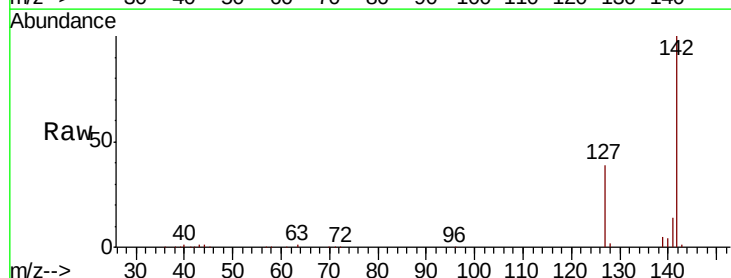
Tgt Ion:142 Resp: 294474

Ion Ratio Lower Upper

142 100

127 39.2 31.7 47.5

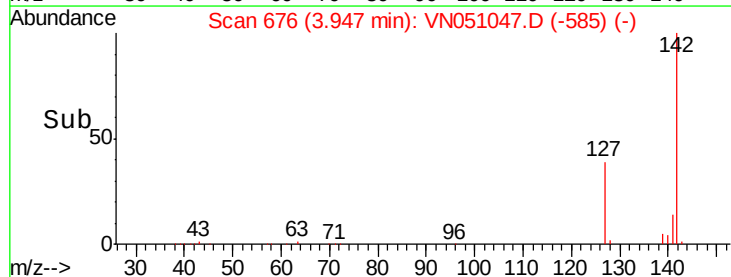
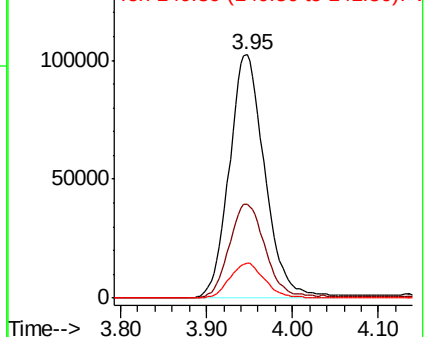
141 14.1 11.4 17.0

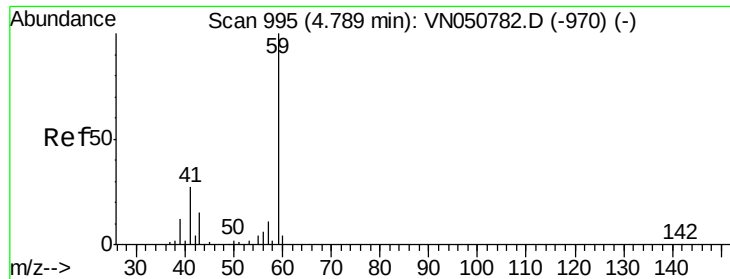


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 307.28 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

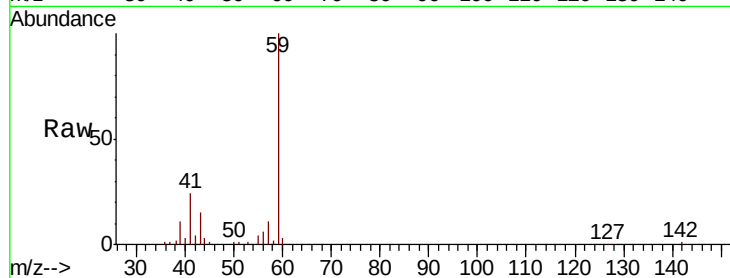
VSTDCCC050

Tot Ion: 59 Resp: 146236

Ion Ratio Lower Upper

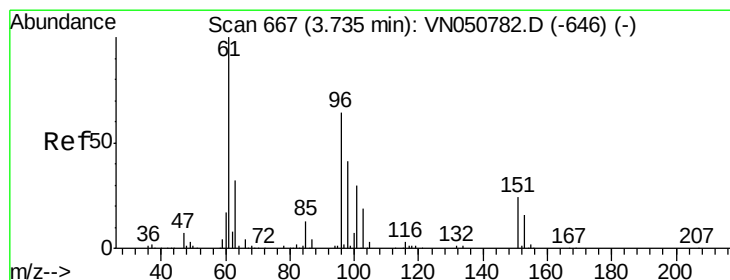
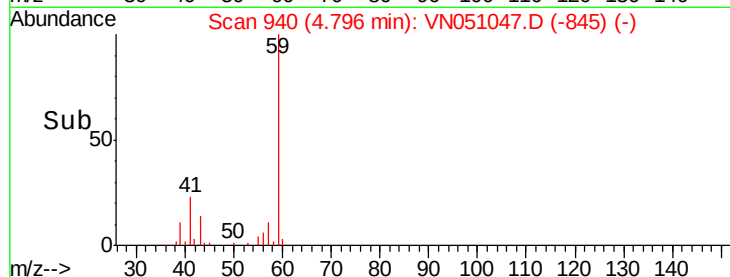
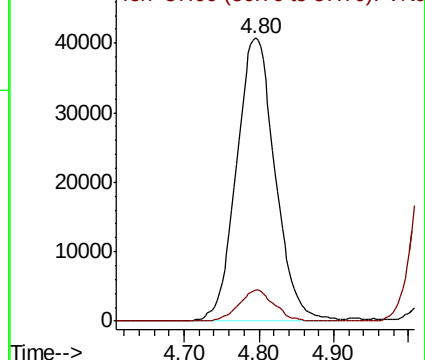
59 100

57 10.0 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 50.45 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

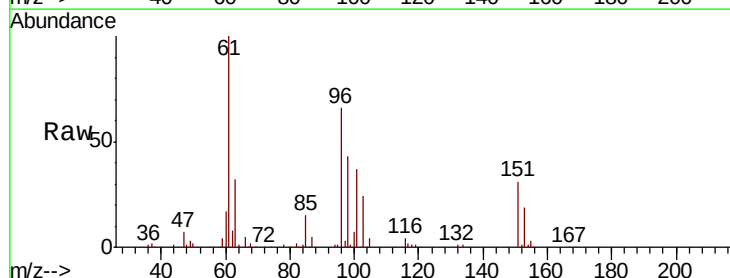
Tgt Ion: 96 Resp: 351793

Ion Ratio Lower Upper

96 100

61 150.9 124.9 187.3

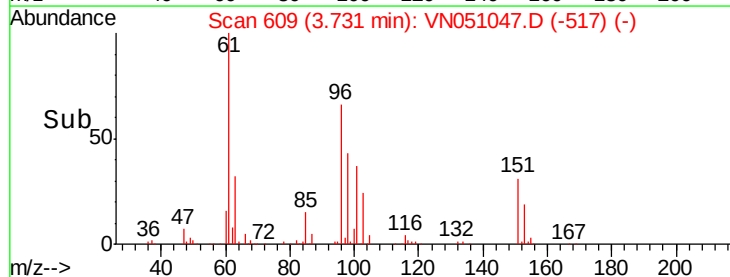
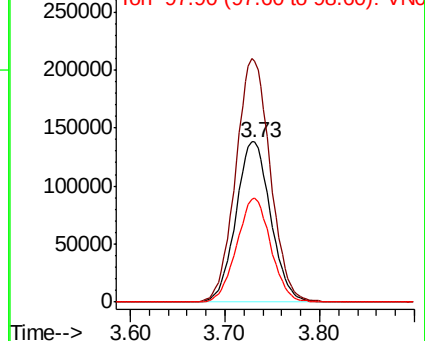
98 65.0 51.1 76.7

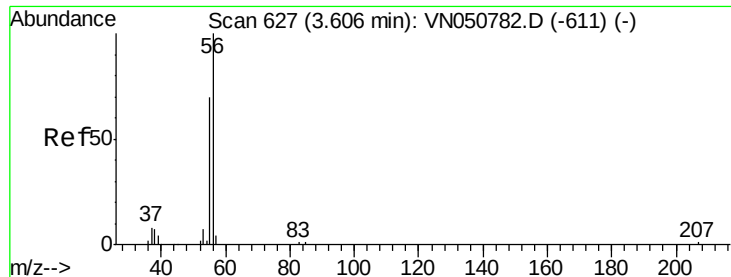


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 243.07 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

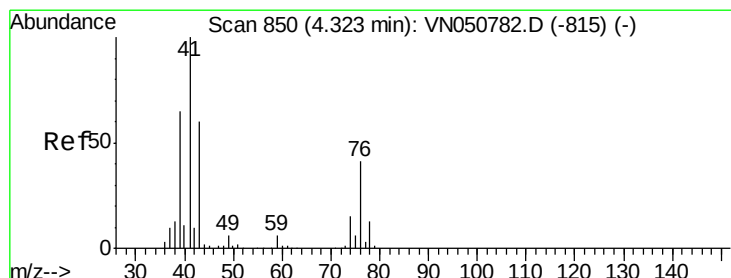
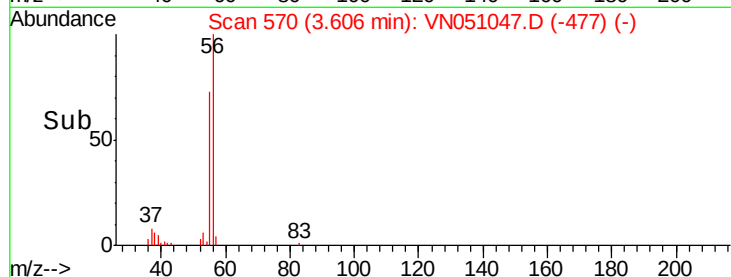
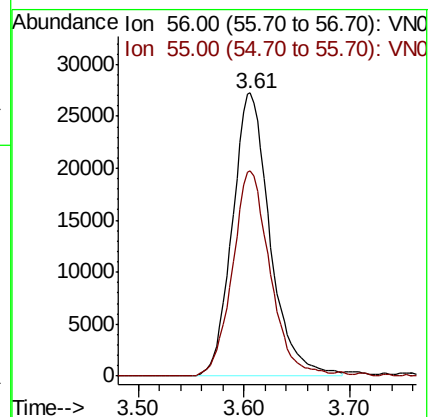
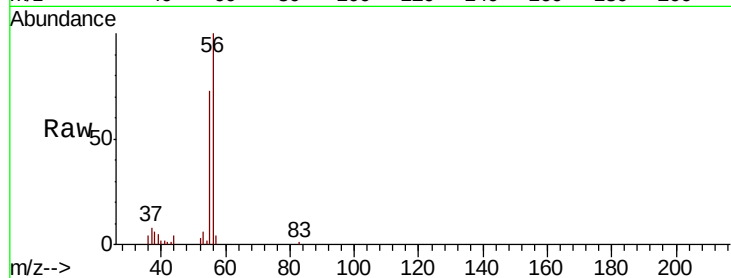
VSTDCCC050

Tot Ion: 56 Resp: 67400

Ion Ratio Lower Upper

56 100

55 72.3 57.7 86.5



#14

Allyl chloride

Concen: 50.80 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

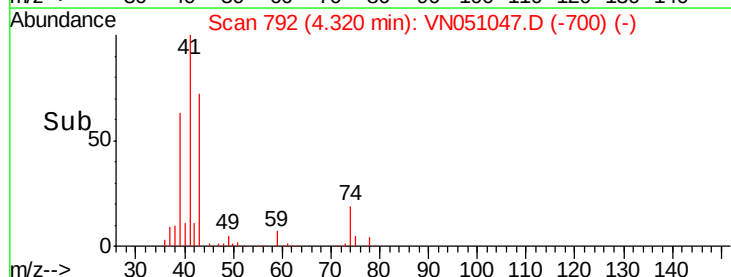
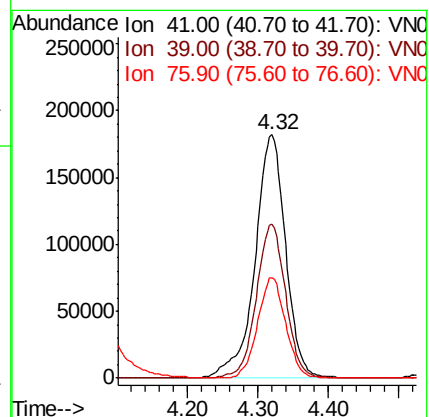
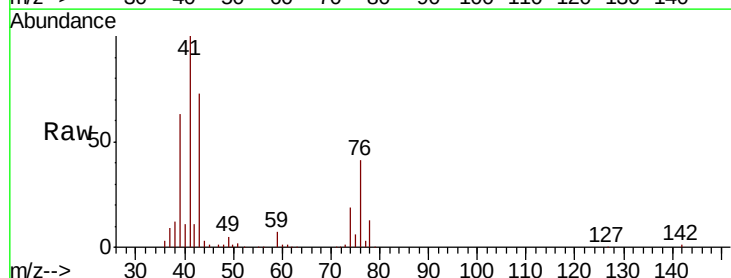
Tgt Ion: 41 Resp: 551936

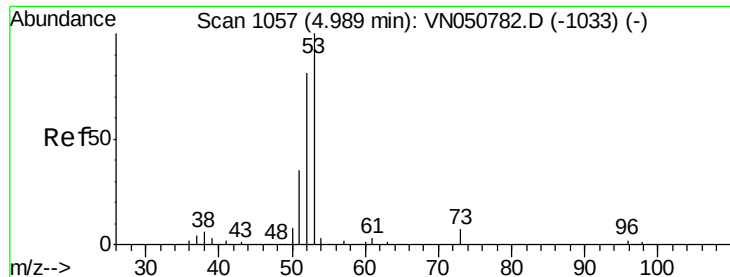
Ion Ratio Lower Upper

41 100

39 60.6 50.2 75.2

76 37.5 29.8 44.8





#15

Acrylonitrile

Concen: 286.88 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

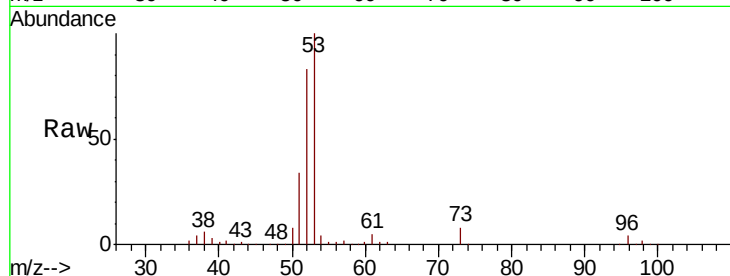
Tot Ion: 53 Resp: 693847

Ion Ratio Lower Upper

53 100

52 81.0 65.9 98.9

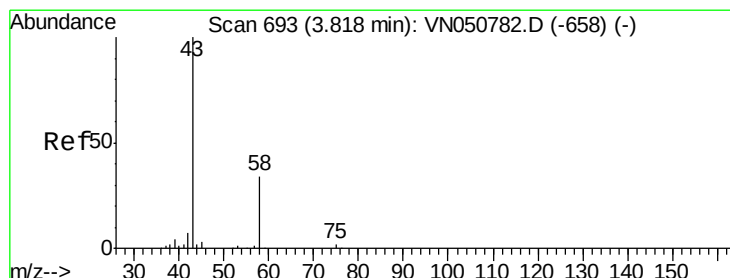
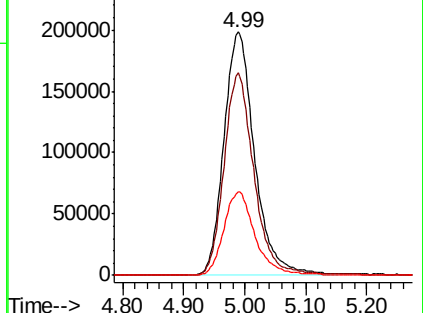
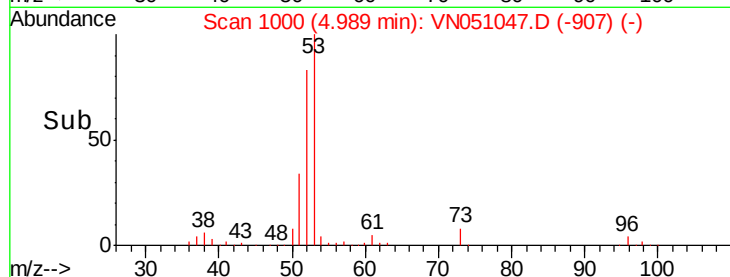
51 34.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN051047.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN051047.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN051047.D (-907) (-)



#16

Acetone

Concen: 305.89 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051047.D

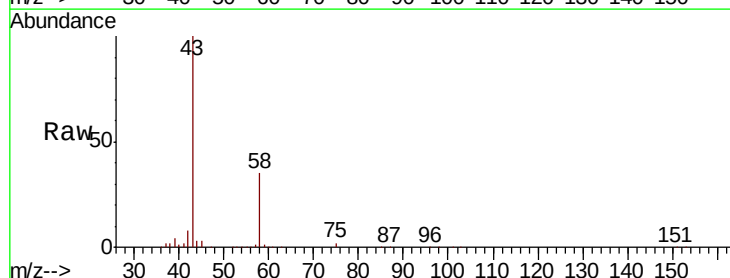
Acq: 7 Sep 2018 12:24

Tgt Ion: 43 Resp: 538545

Ion Ratio Lower Upper

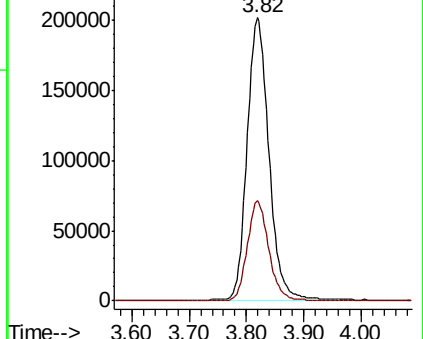
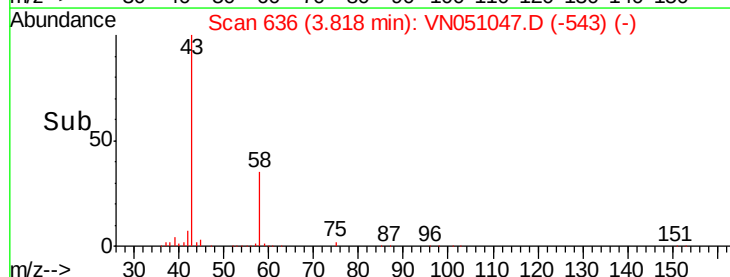
43 100

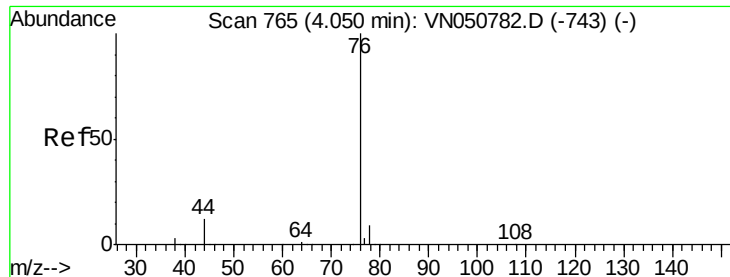
58 35.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051047.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051047.D (-543) (-)





#17

Carbon Disulfide

Concen: 46.60 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

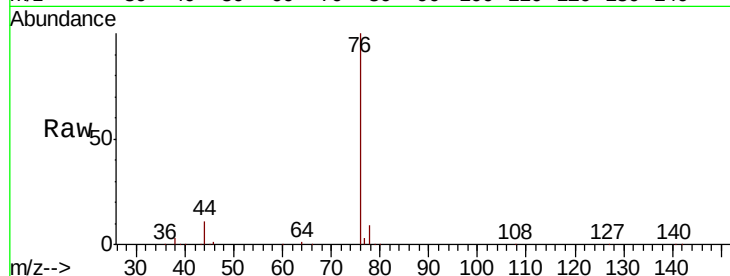
VSTDCCC050

Tot Ion: 76 Resp: 1089206

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN051047.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN051047.D (-743) (-)

4.05

400000

300000

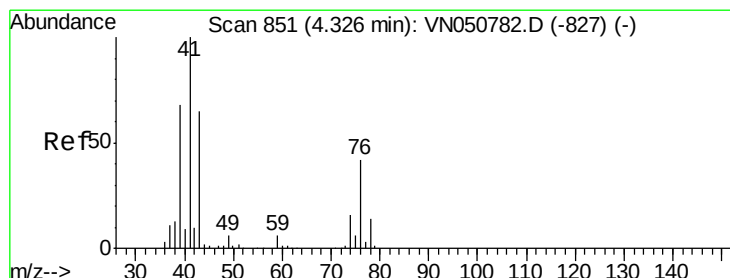
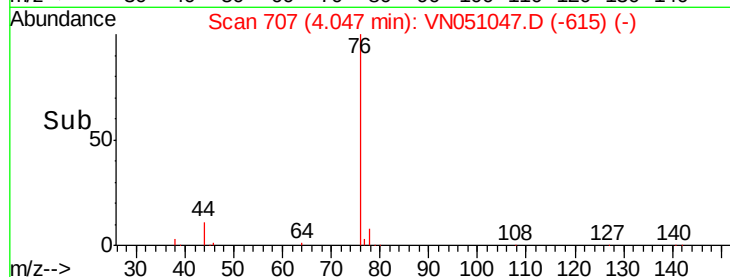
200000

100000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 56.42 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051047.D

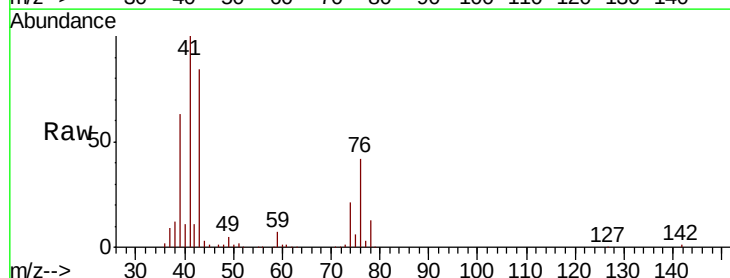
Acq: 7 Sep 2018 12:24

Tgt Ion: 43 Resp: 398148

Ion Ratio Lower Upper

43 100

74 25.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN051047.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051047.D (-701) (-)

4.33

150000

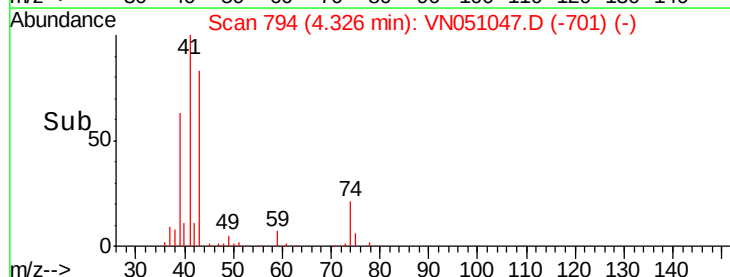
100000

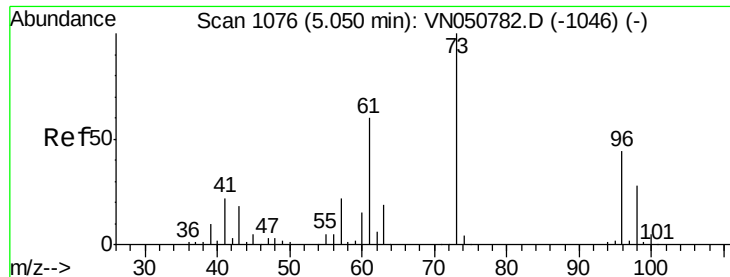
50000

0

4.20 4.30 4.40

Time-->

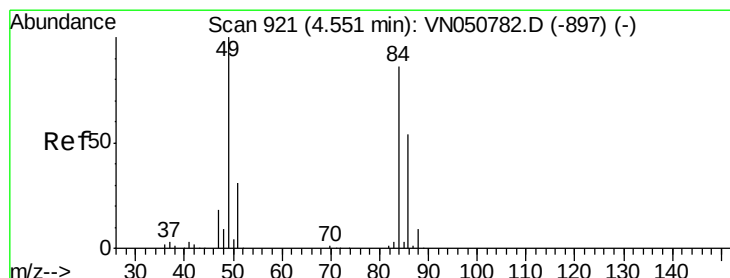
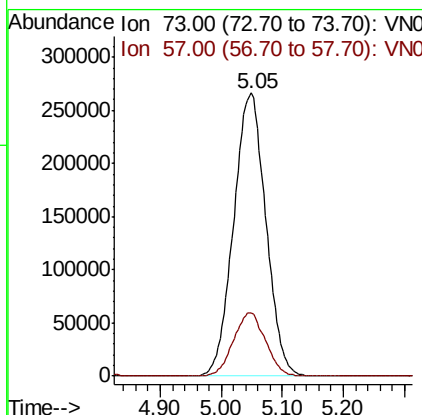
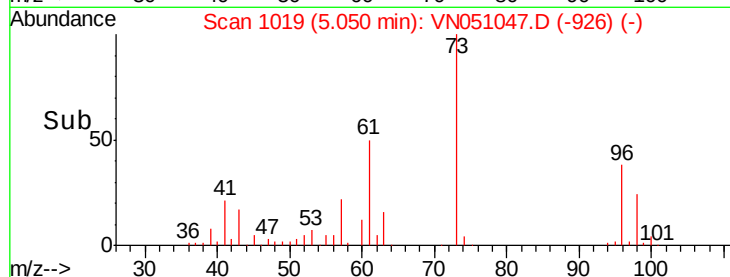
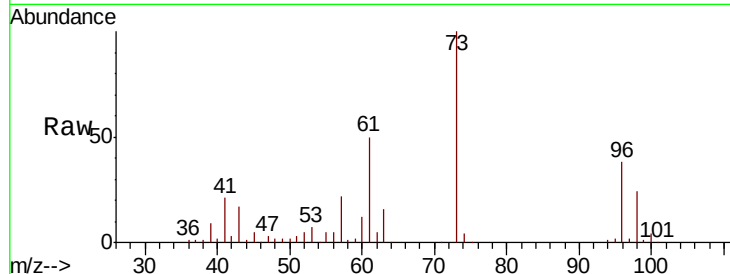




#19
Methvl tert-butyl Ether
Concen: 55.73 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

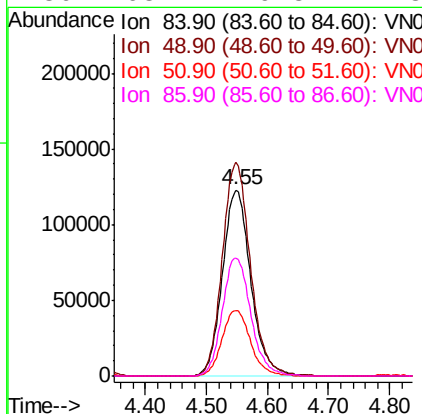
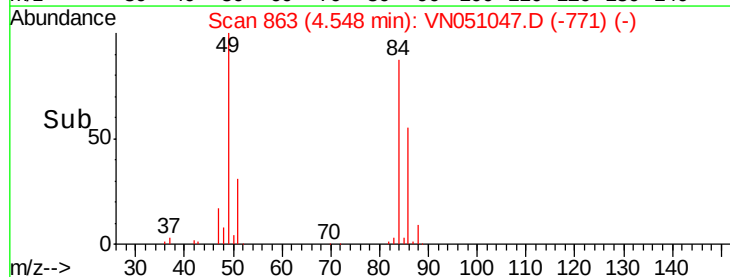
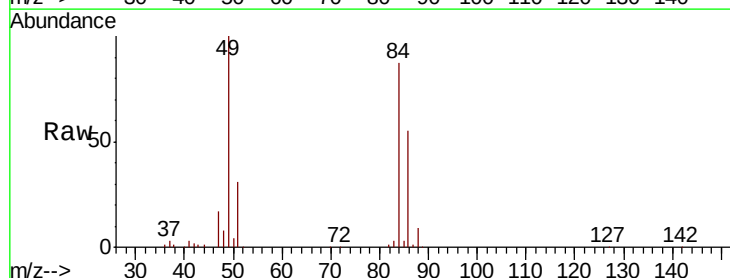
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

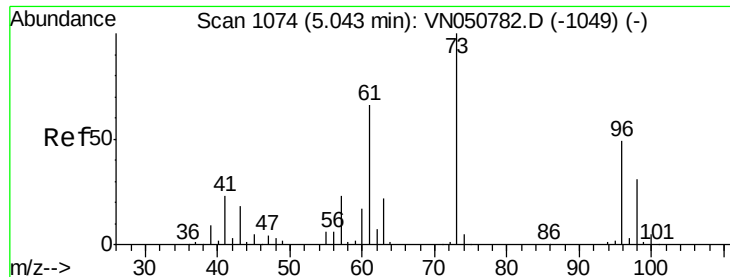
Tot Ion: 73 Resp: 977334
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 47.16 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 84 Resp: 397265
Ion Ratio Lower Upper
84 100
49 114.7 93.2 139.8
51 35.2 29.0 43.6
86 63.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.28 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

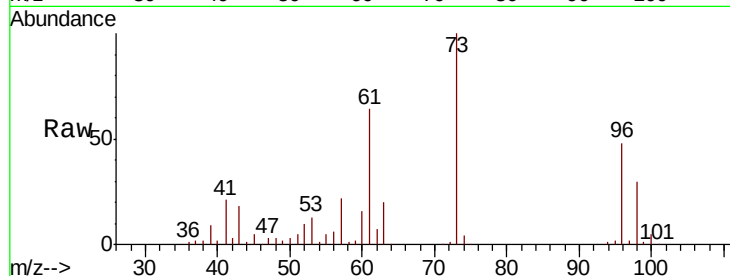
Tot Ion: 96 Resp: 371659

Ion Ratio Lower Upper

96 100

61 134.1 107.4 161.0

98 62.9 50.7 76.1



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

200000

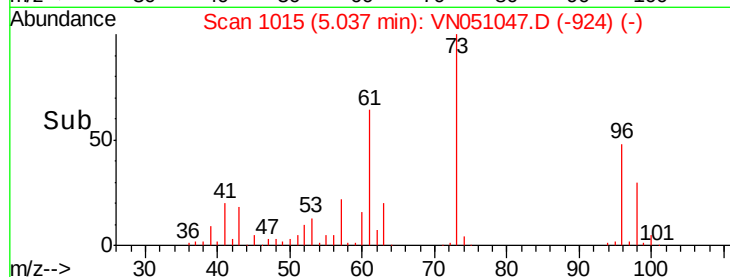
150000

100000

50000

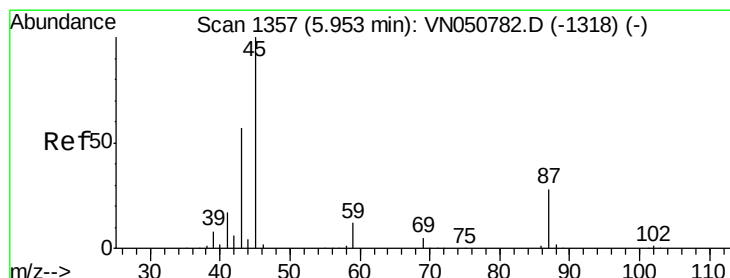
0

Time-->



5.04

Time-->



#22

Diisopropyl ether

Concen: 51.25 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Tgt Ion: 45 Resp: 1109672

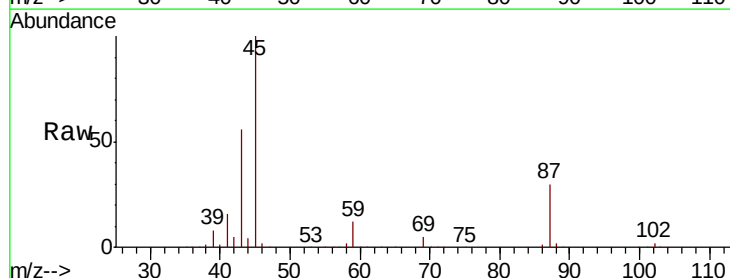
Ion Ratio Lower Upper

45 100

43 54.9 45.9 68.9

87 29.8 22.7 34.1

59 12.1 9.3 13.9



Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

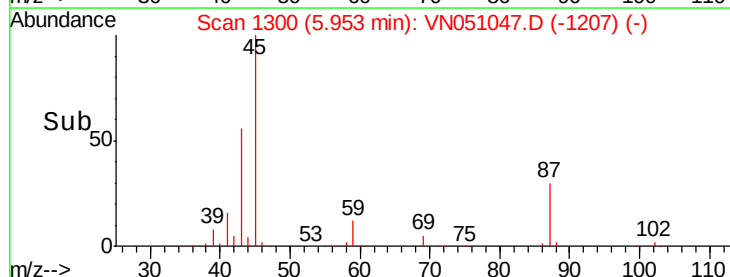
1500000

1000000

500000

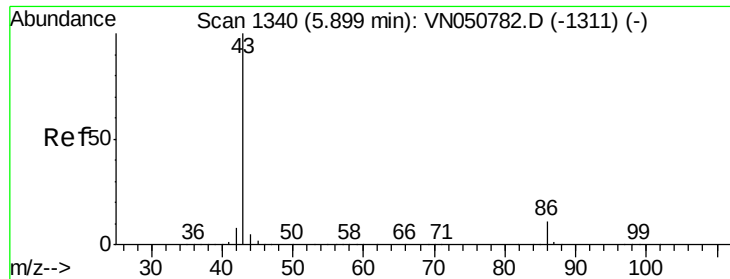
0

Time-->



5.95

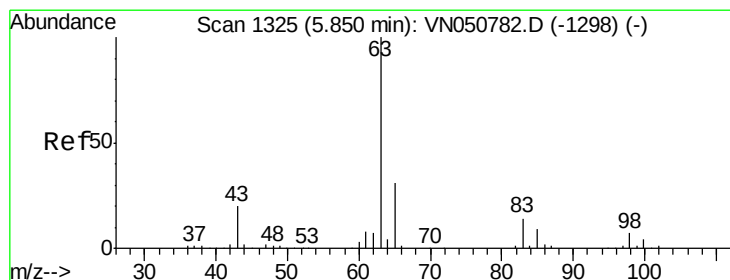
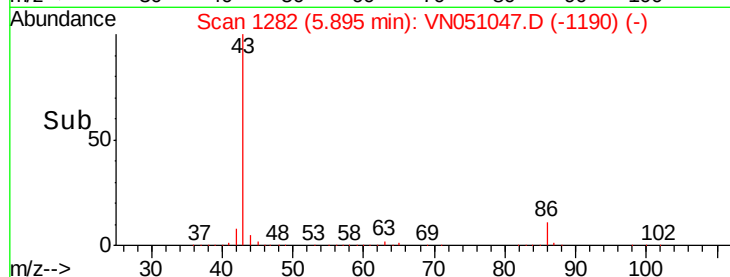
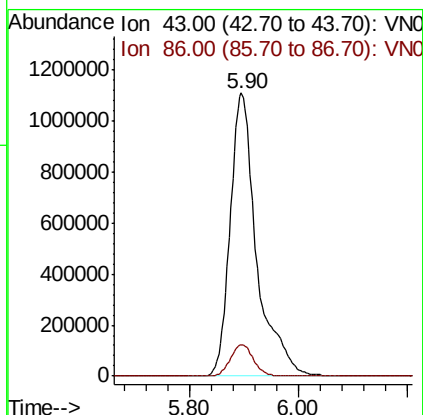
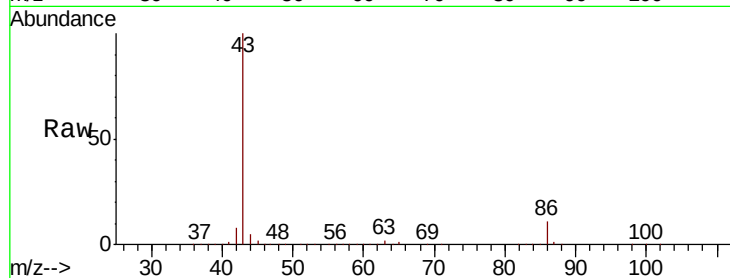
Time-->



#23
 Vinyl Acetate
 Concen: 268.59 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

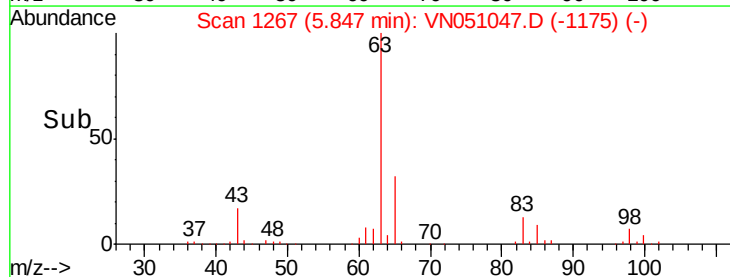
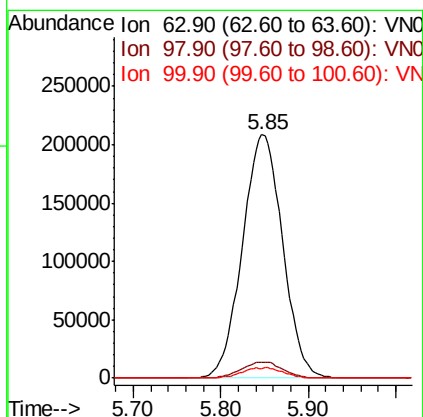
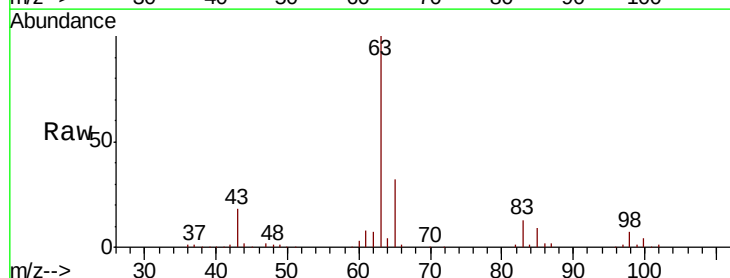
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

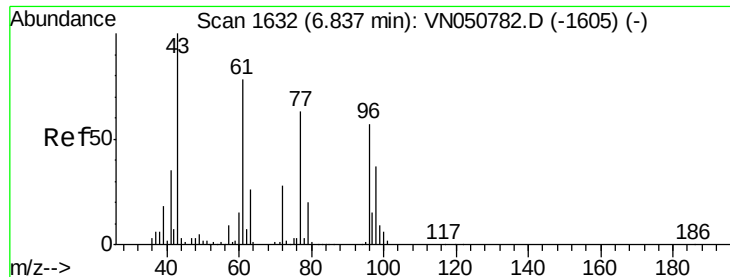
Tot Ion: 43 Resp: 3745226
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 47.80 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 63 Resp: 664390
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.1 6.5

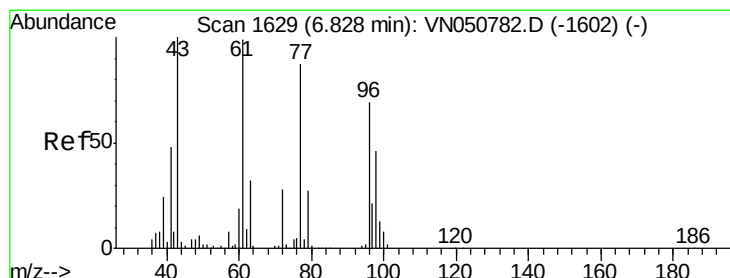
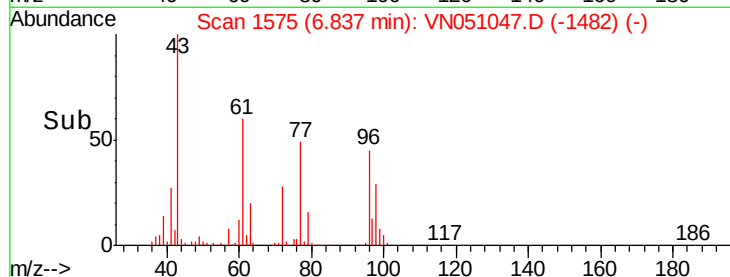
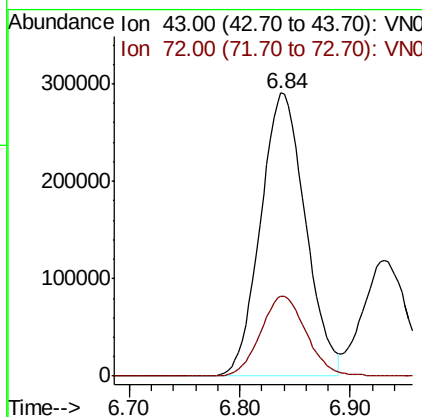
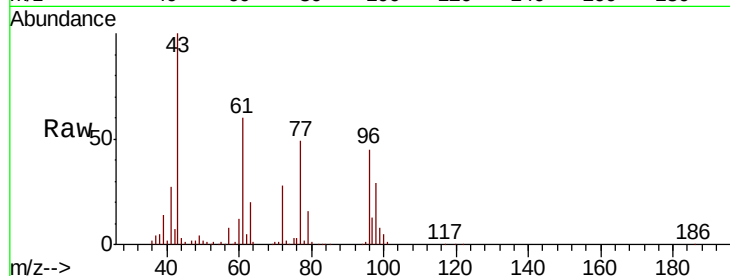




#25
 2-Butanone
 Concen: 271.78 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

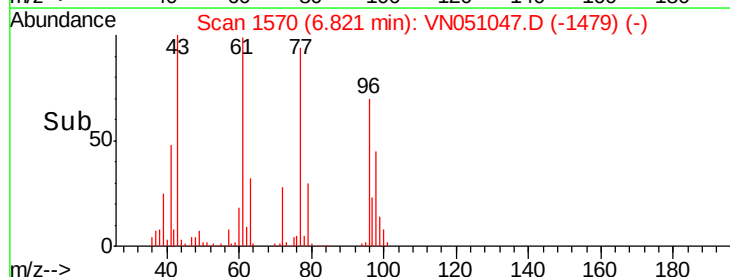
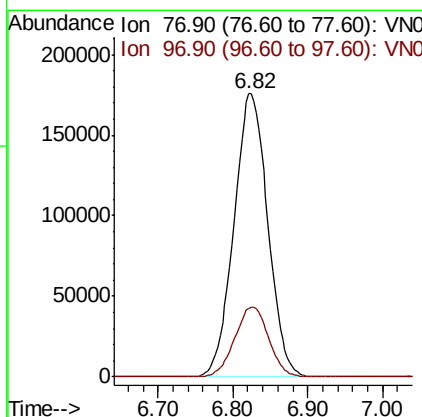
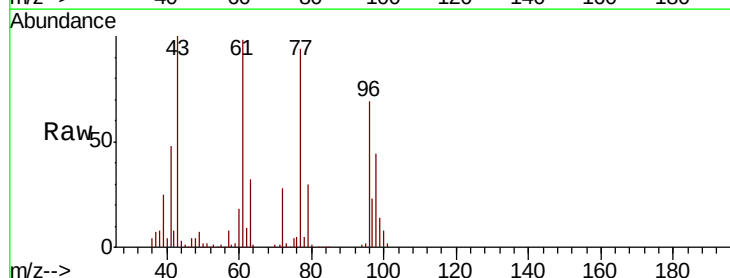
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

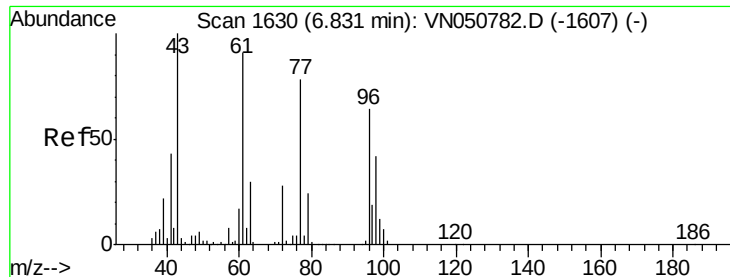
Tot Ion: 43 Resp: 818541
 Ion Ratio Lower Upper
 43 100
 72 28.3 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 49.40 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 77 Resp: 551731
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 50.63 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

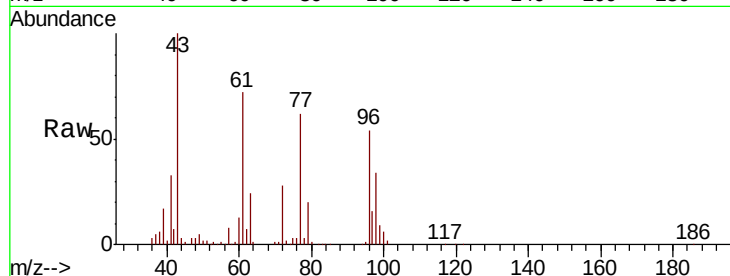
Tot Ion: 96 Resp: 411653

Ion Ratio Lower Upper

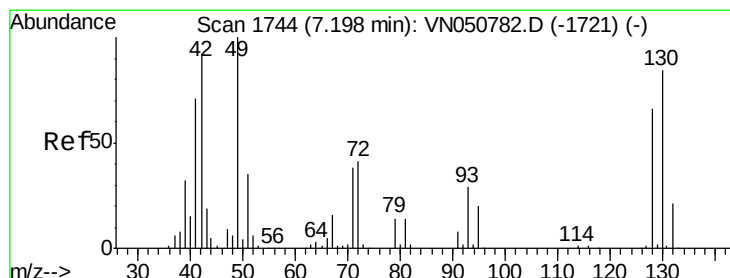
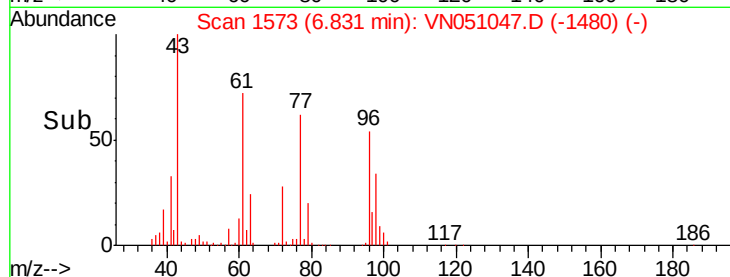
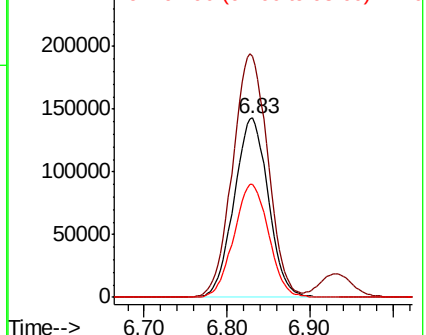
96 100

61 139.8 0.0 283.4

98 64.0 0.0 129.8



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: 44.22 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

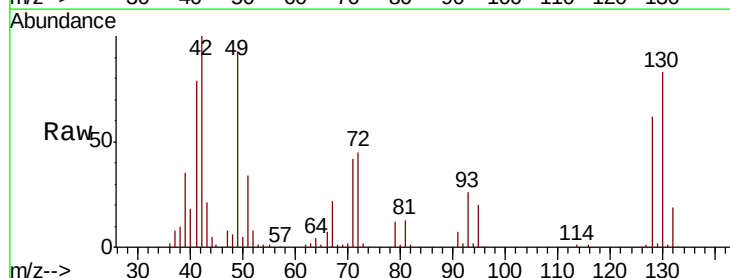
Tgt Ion: 49 Resp: 261176

Ion Ratio Lower Upper

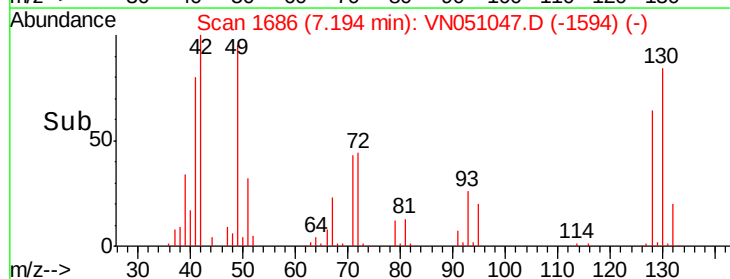
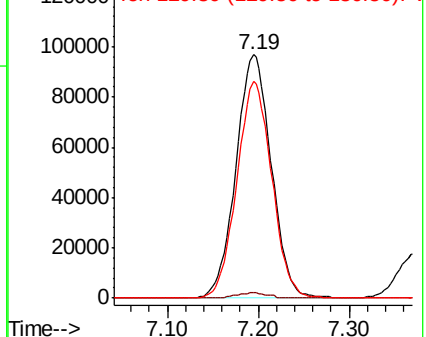
49 100

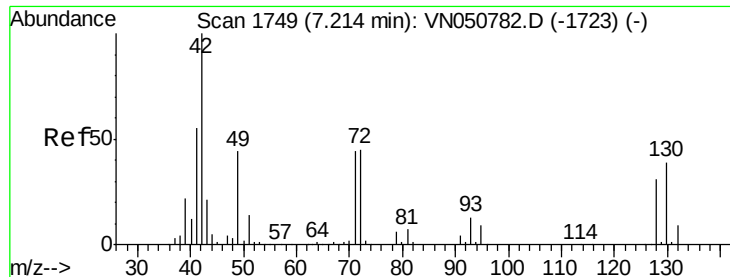
129 1.8 0.0 4.2

130 87.9 67.1 100.7



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

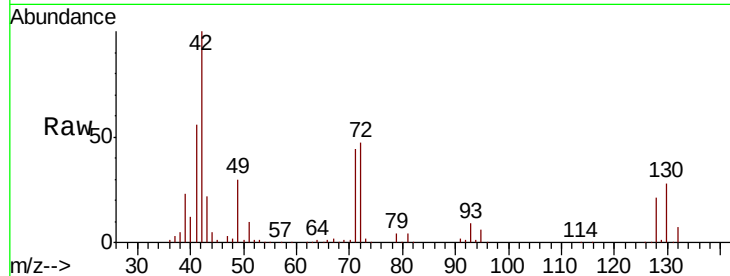




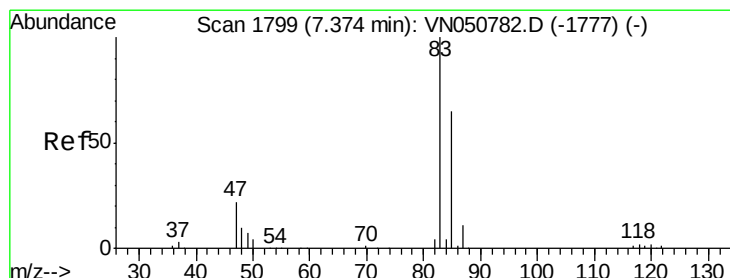
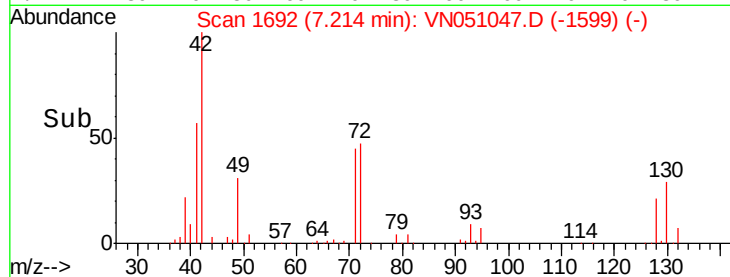
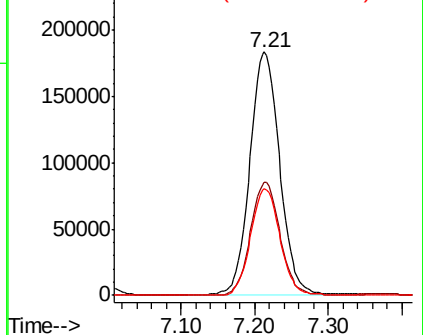
#29
Tetrahydrofuran
Concen: 299.83 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 517741
Ion Ratio Lower Upper
42 100
72 46.1 35.5 53.3
71 43.3 33.7 50.5

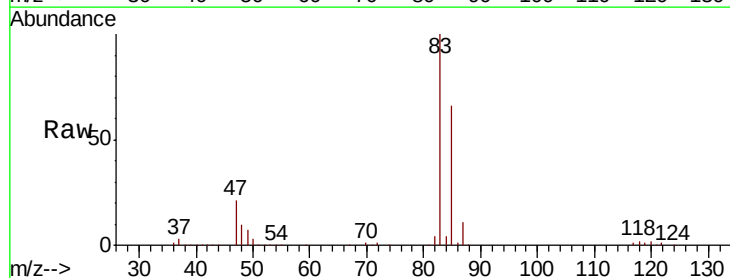


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

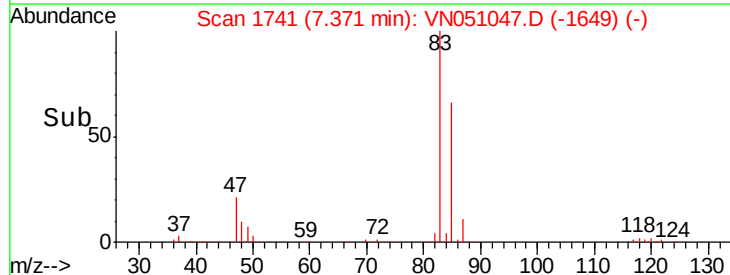
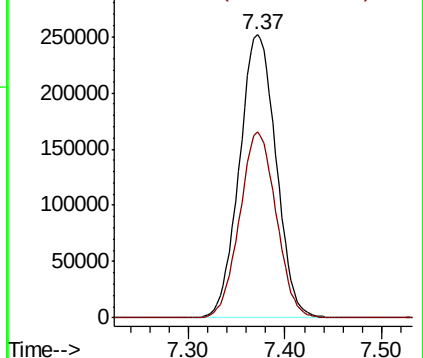


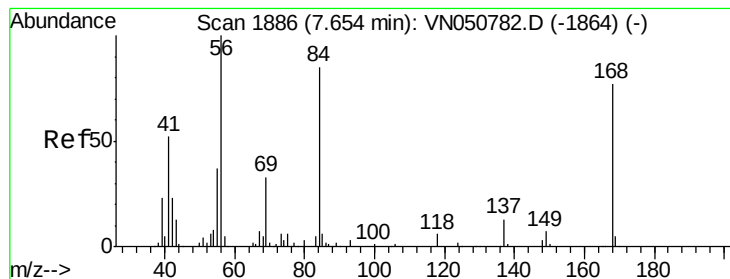
#30
Chloroform
Concen: 48.20 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 83 Resp: 663532
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4



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





#31

Cyclohexane

Concen: 48.96 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

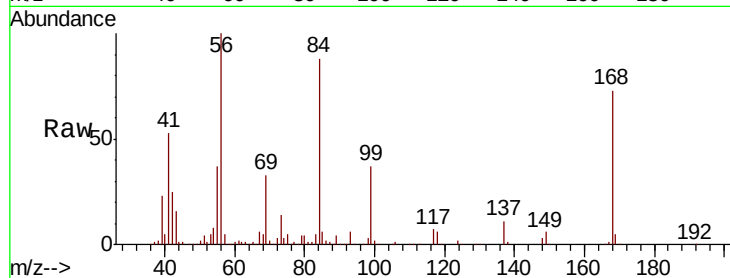
Tot Ion: 56 Resp: 618438

Ion Ratio Lower Upper

56 100

69 32.9 26.2 39.4

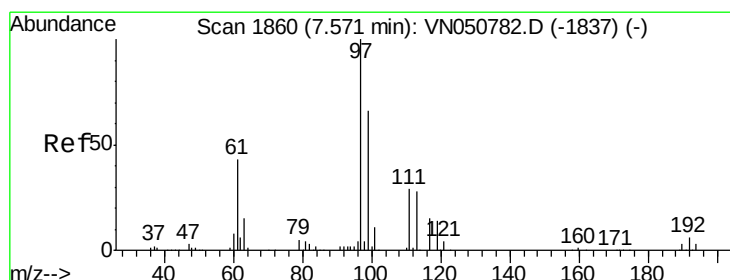
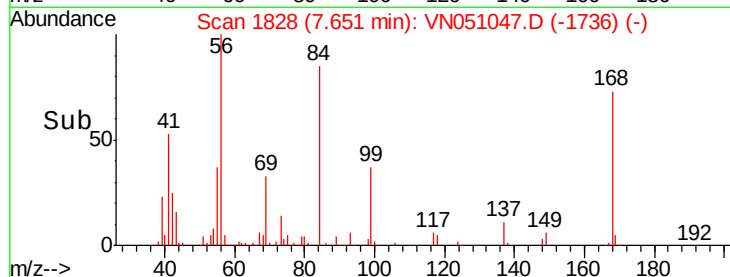
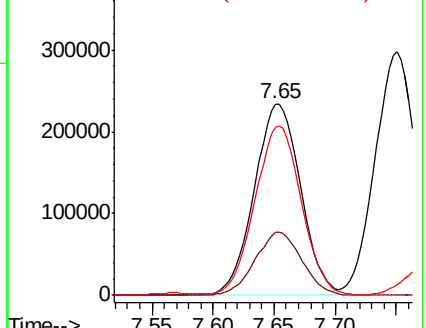
84 86.5 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN051047.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051047.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051047.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 48.36 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

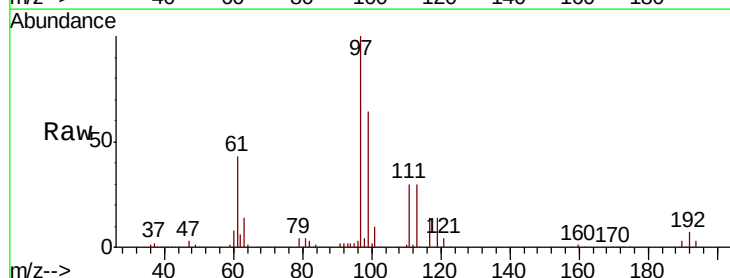
Tgt Ion: 97 Resp: 571794

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

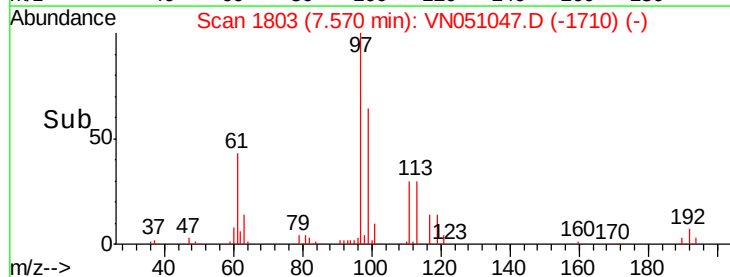
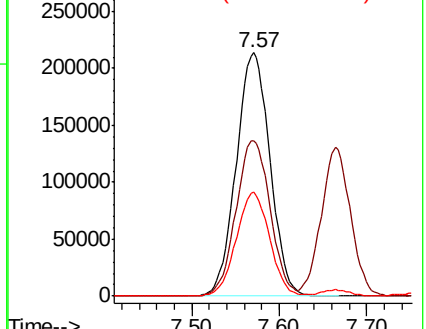
61 42.3 34.9 52.3

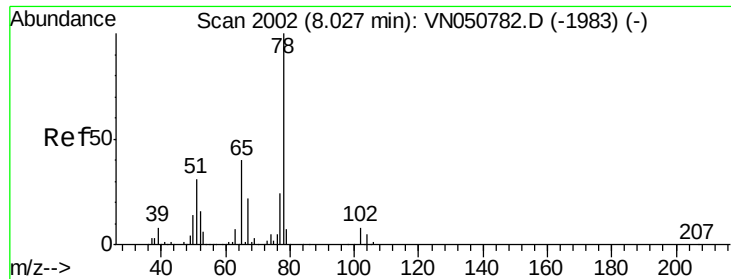


Abundance Ion 96.90 (96.60 to 97.60): VN051047.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051047.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051047.D (-1710) (-)

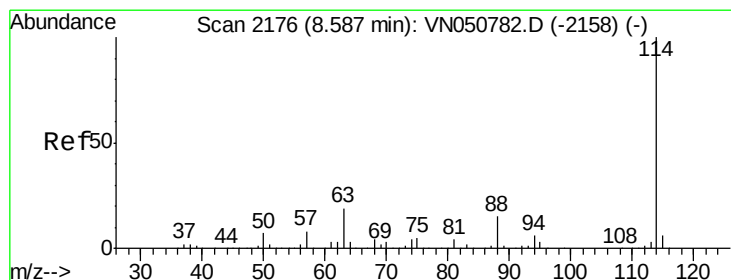
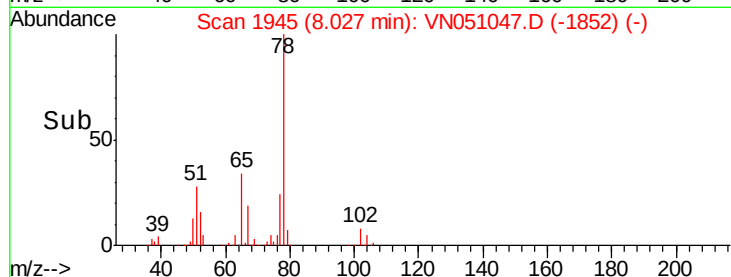
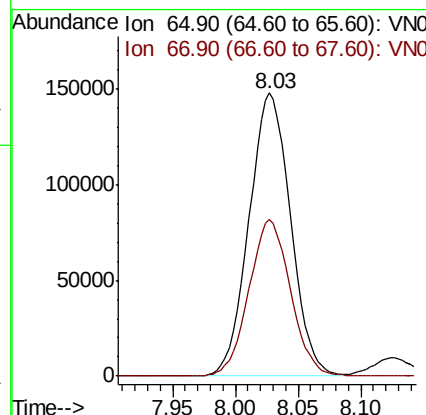
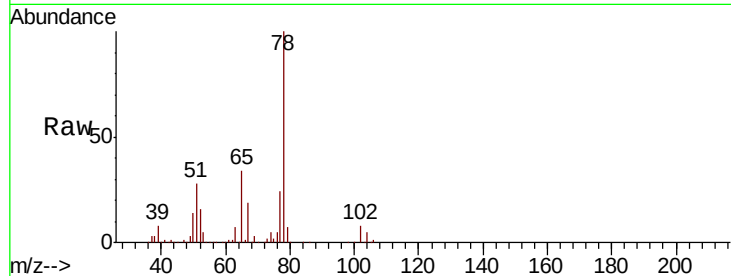




#33
 1,2-Dichloroethane-d4
 Concen: 45.64 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

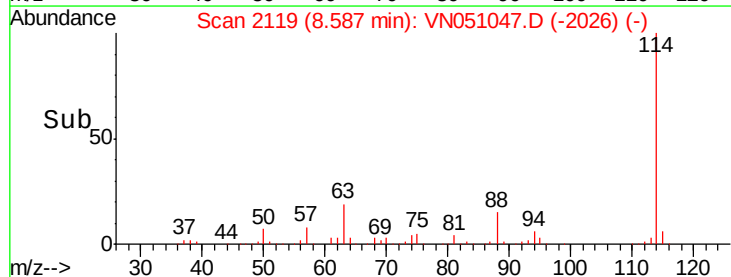
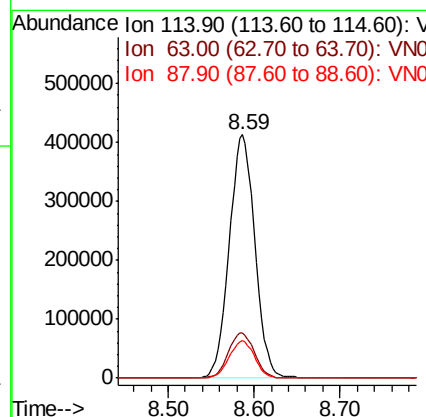
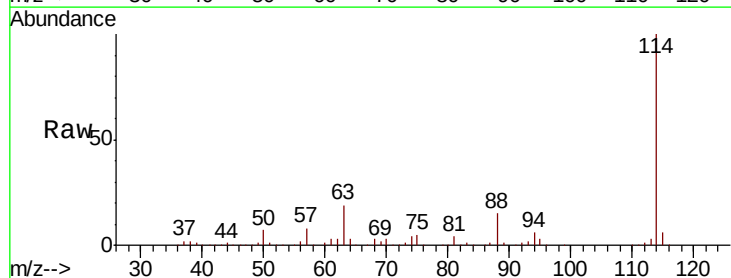
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

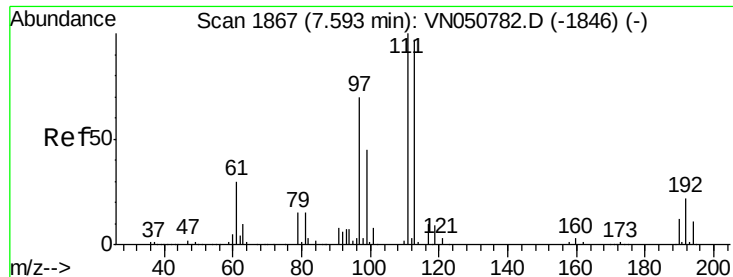
Tot Ion: 65 Resp: 341074
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 114 Resp: 854694
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.5 0.0 30.6

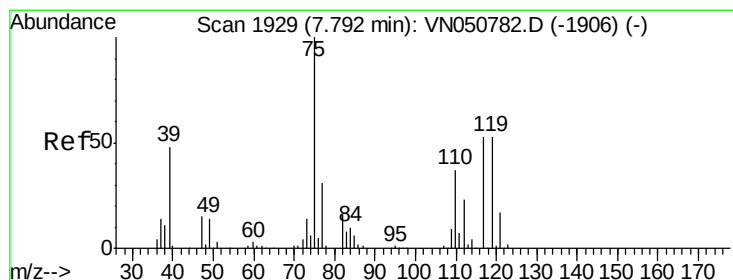
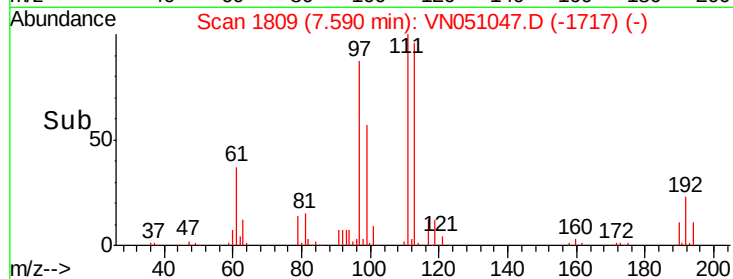
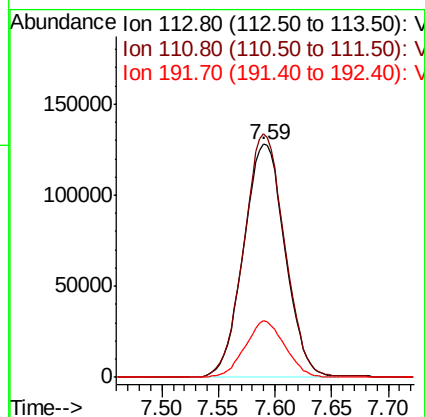
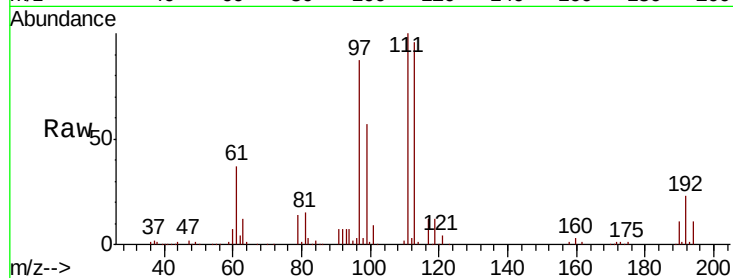




#35
 Dibromofluoromethane
 Concen: 48.07 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

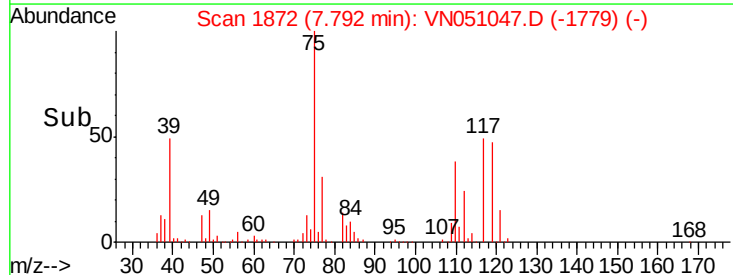
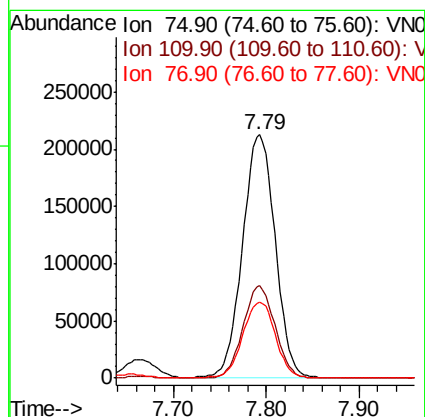
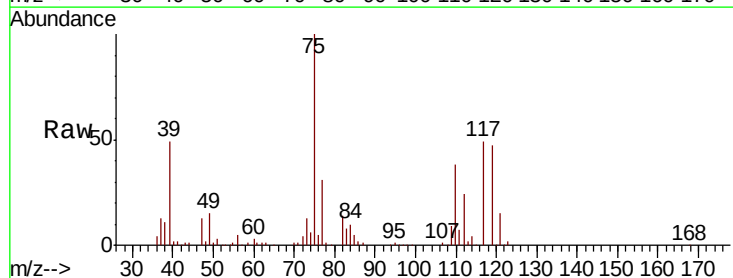
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

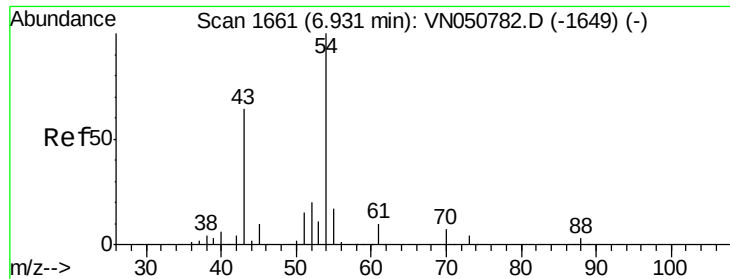
Tot Ion:113 Resp: 326833
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 23.2 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 51.49 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 75 Resp: 519272
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.4
 77 31.6 24.8 37.2

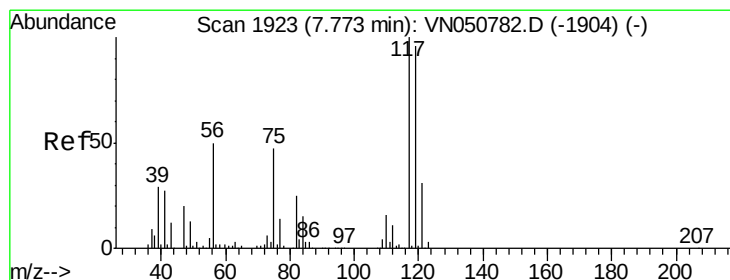
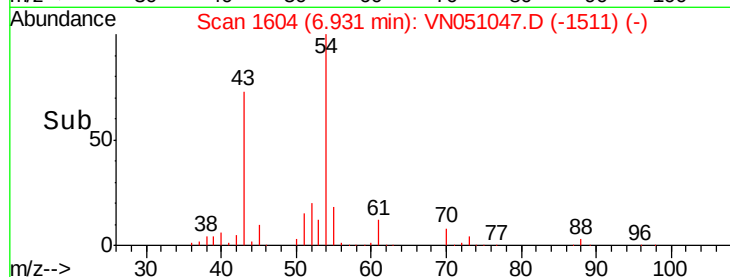
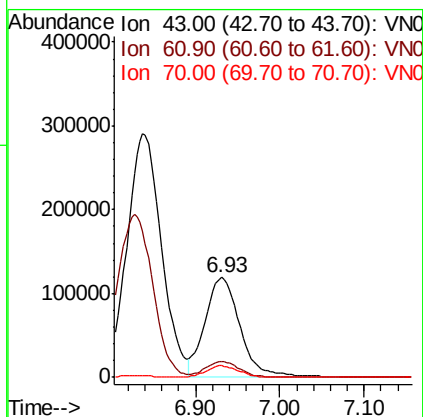
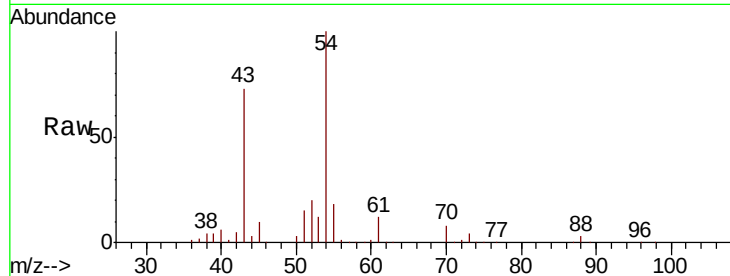




#37
Ethyl Acetate
Concen: 58.37 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

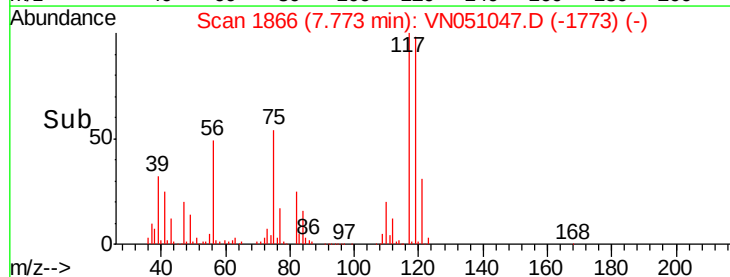
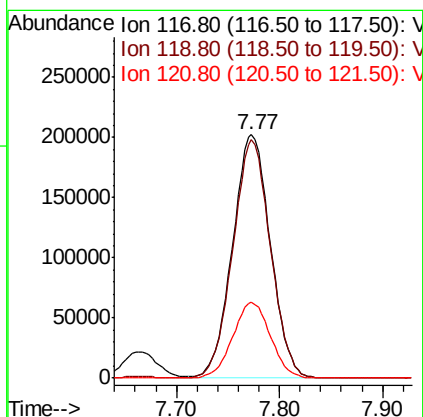
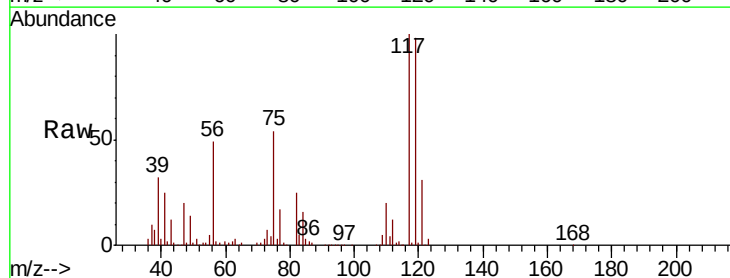
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

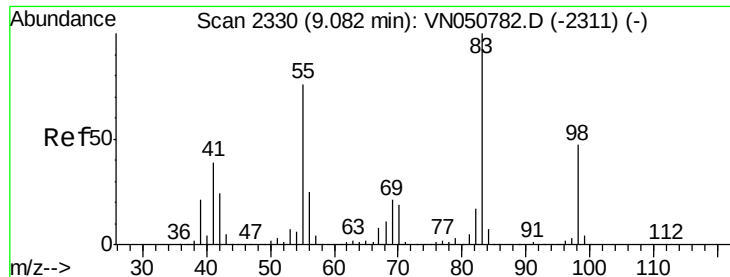
Tot Ion: 43 Resp: 338195
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 50.71 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 117 Resp: 516966
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5
121 31.0 24.6 36.8

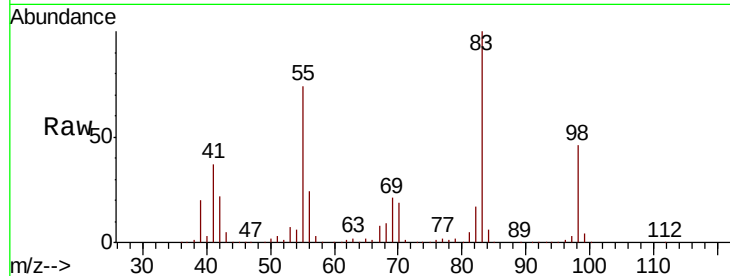




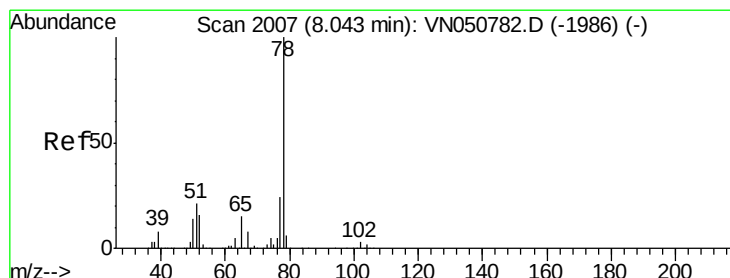
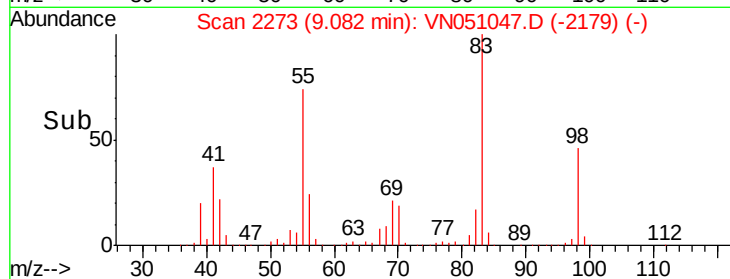
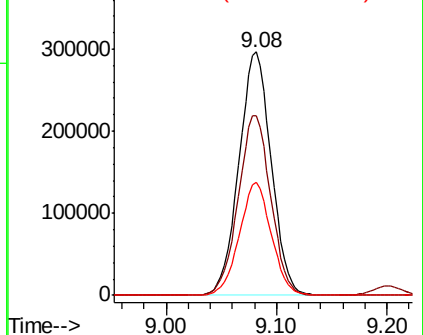
#39
Methylvlcyclohexane
Concen: 55.10 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 601186
Ion Ratio Lower Upper
83 100
55 73.8 61.0 91.4
98 46.3 37.5 56.3

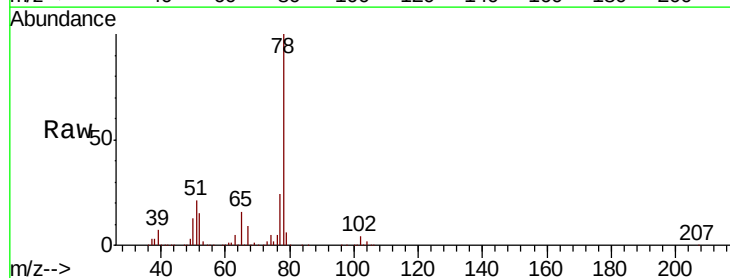


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

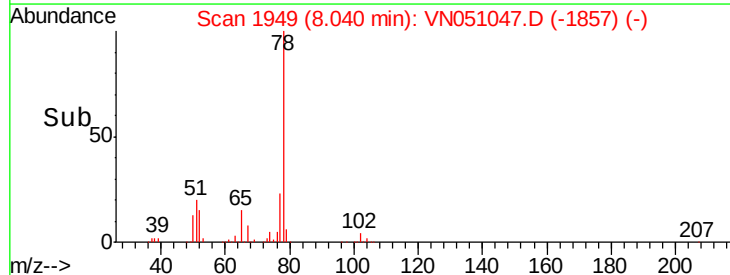
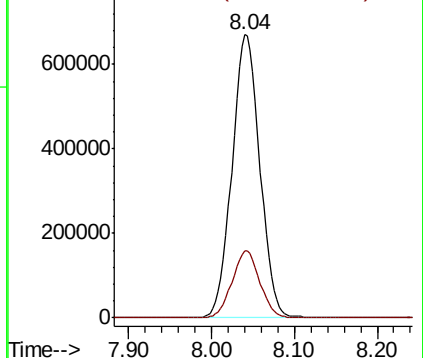


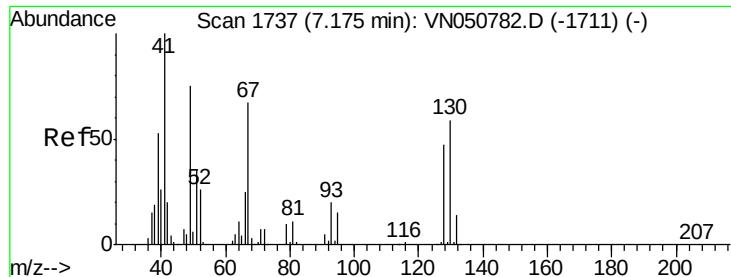
#40
Benzene
Concen: 51.51 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 78 Resp: 1566652
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

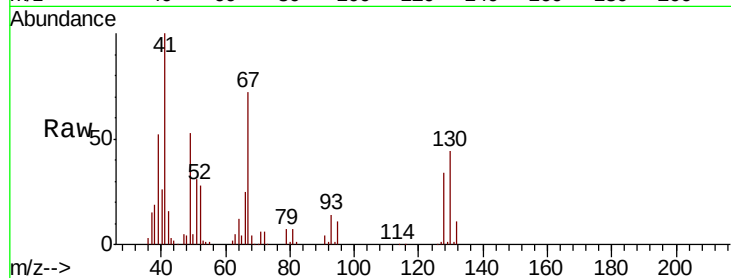




#41
Methacrylonitrile
Concen: 56.27 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	176423
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.4	68.0
67	89.1	70.6	106.0
52	33.6	27.1	40.7



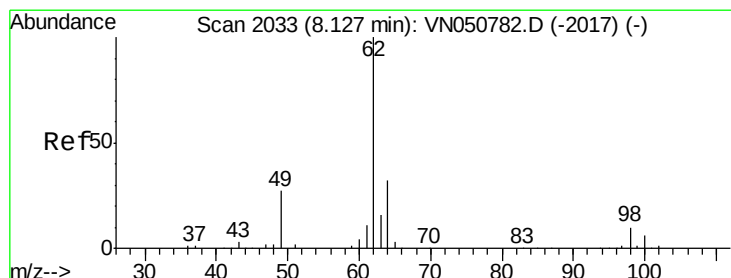
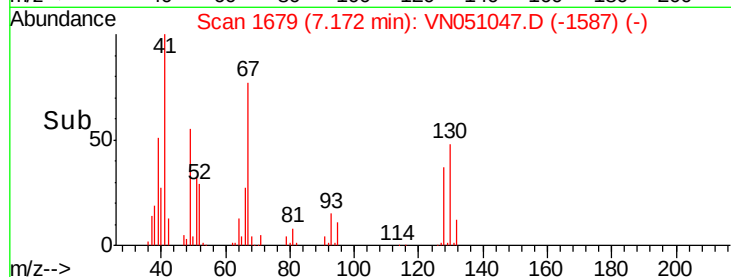
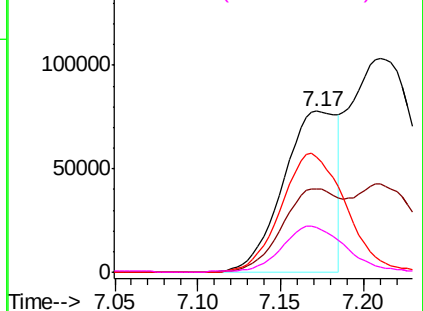
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

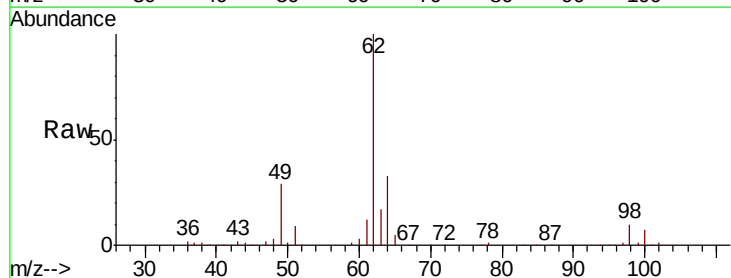
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 51.05 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

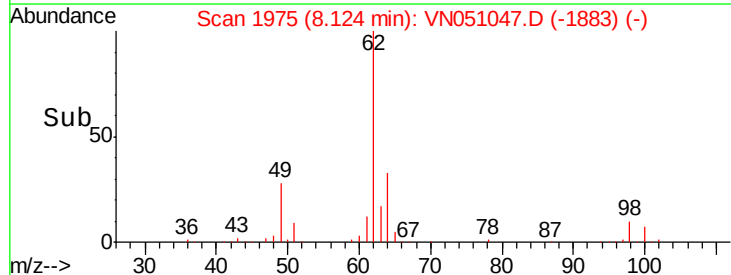
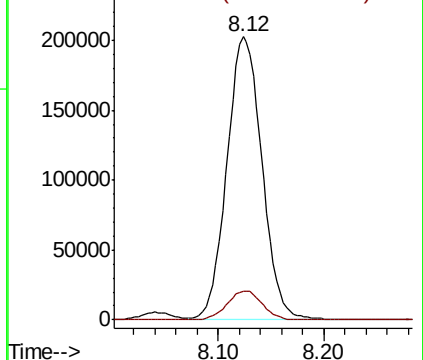
Tgt Ion:	62	Resp:	464159
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6

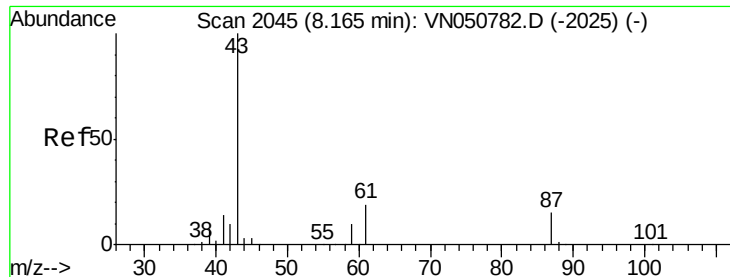


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 58.04 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

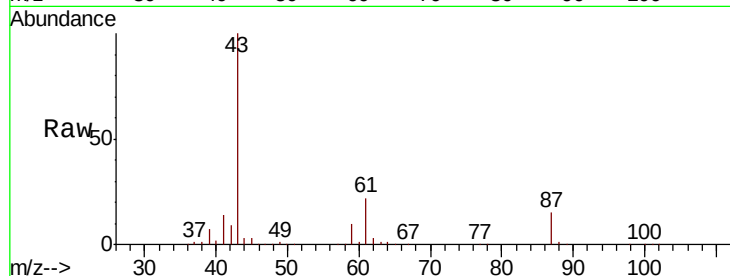
Tot Ion: 43 Resp: 578204

Ion Ratio Lower Upper

43 100

61 22.0 17.5 26.3

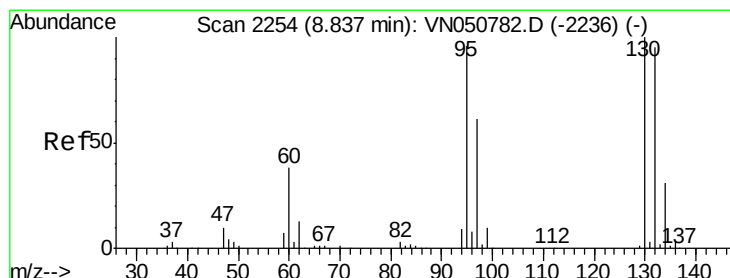
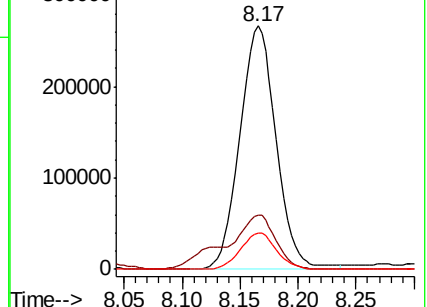
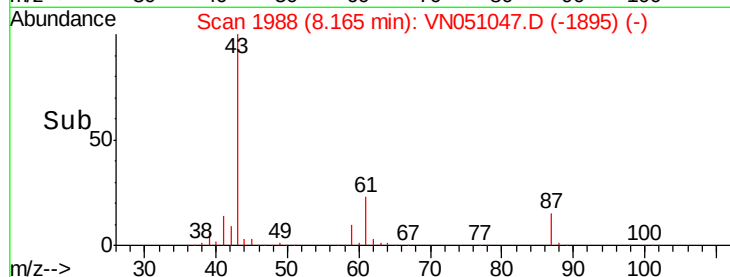
87 14.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN051047.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN051047.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN051047.D (-1988) (-)



#44

Trichloroethene

Concen: 52.15 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051047.D

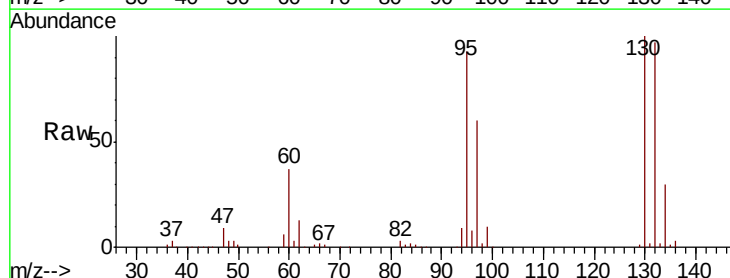
Acq: 7 Sep 2018 12:24

Tgt Ion:130 Resp: 418278

Ion Ratio Lower Upper

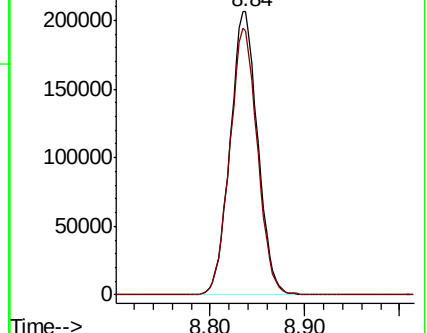
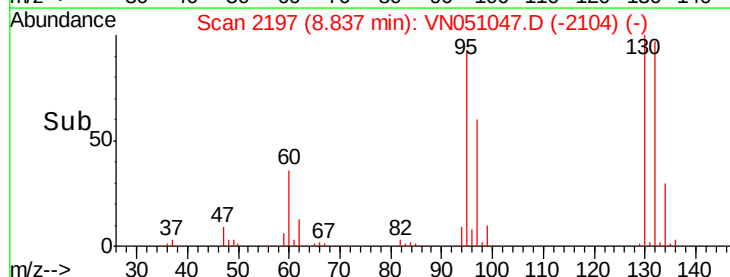
130 100

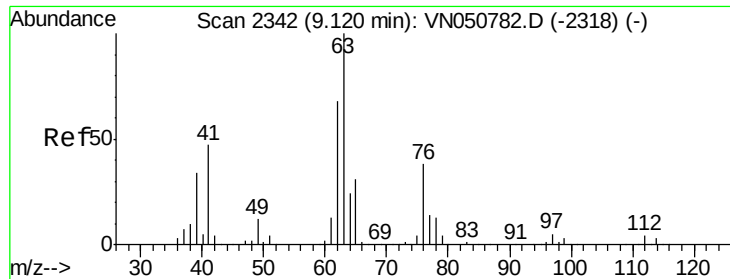
95 93.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN051047.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN051047.D (-2197) (-)

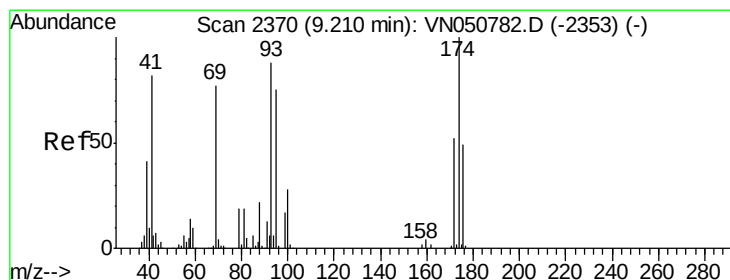
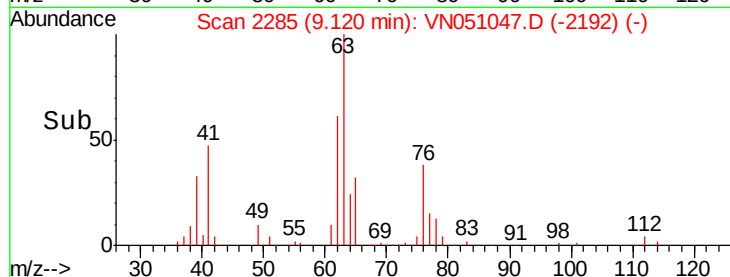
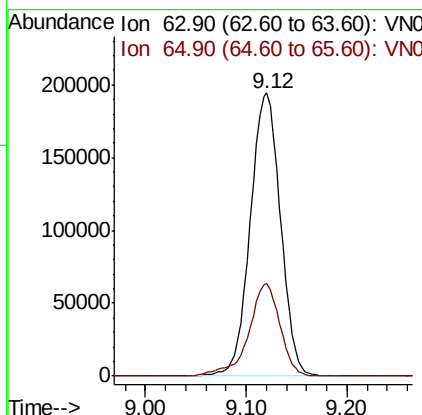
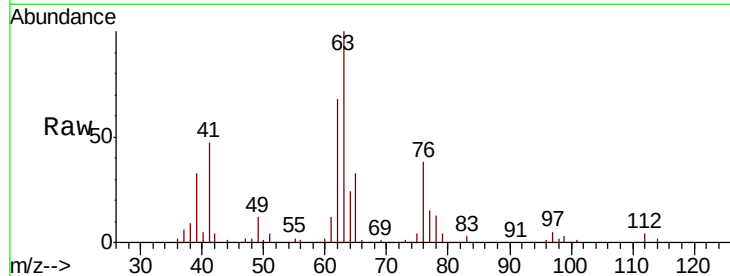




#45
 1,2-Dichloropropane
 Concen: 50.40 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

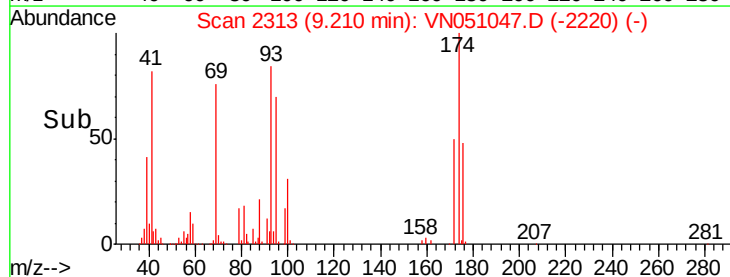
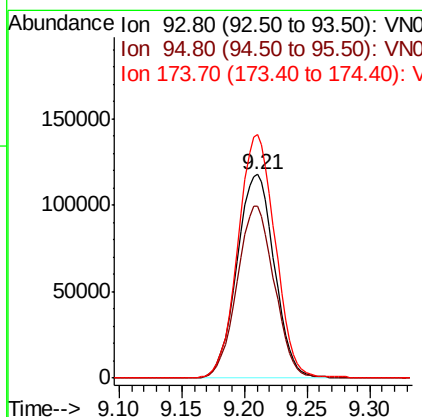
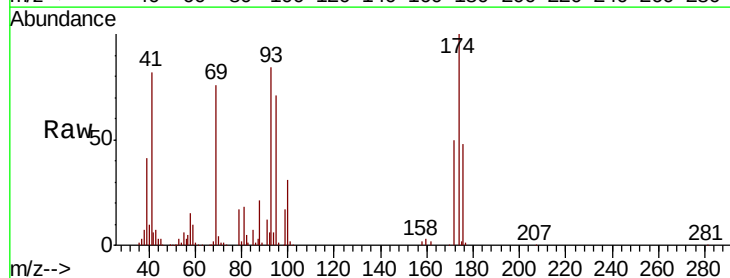
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

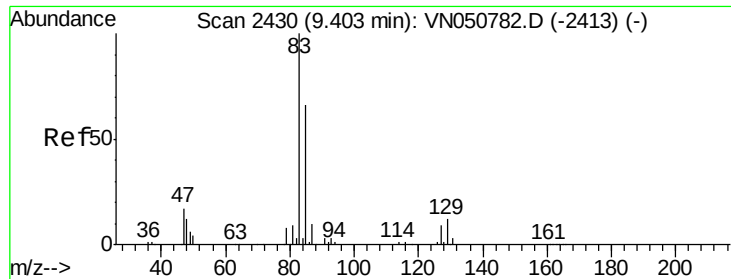
Tot Ion: 63 Resp: 402884
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6



#46
 Dibromomethane
 Concen: 52.23 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 93 Resp: 245326
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 118.1 89.8 134.6

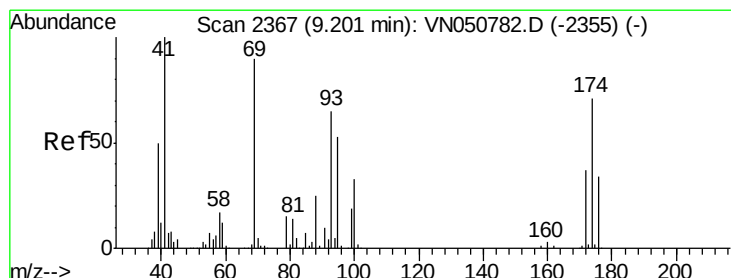
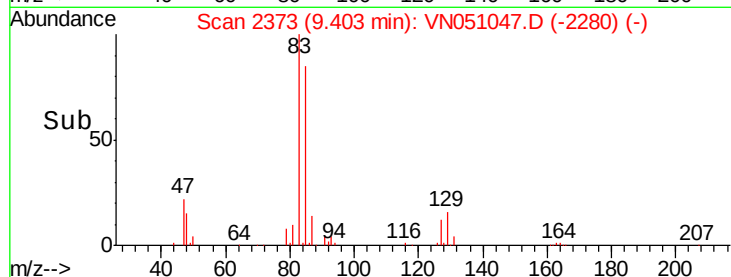
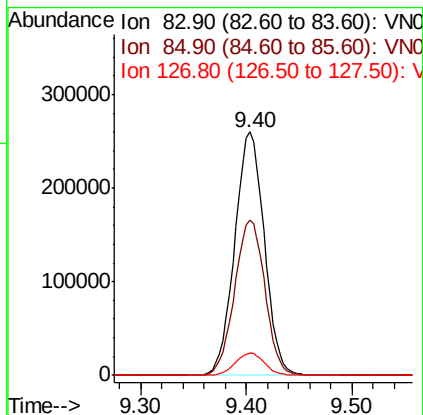
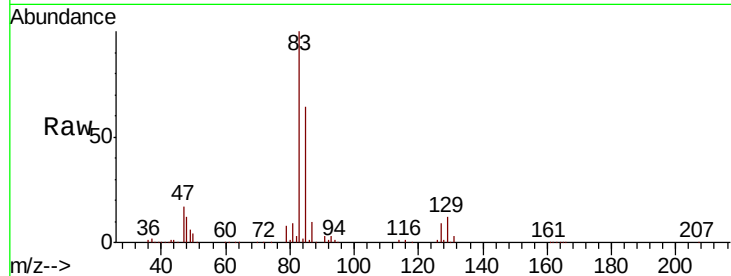




#47
Bromodichloromethane
Concen: 51.46 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

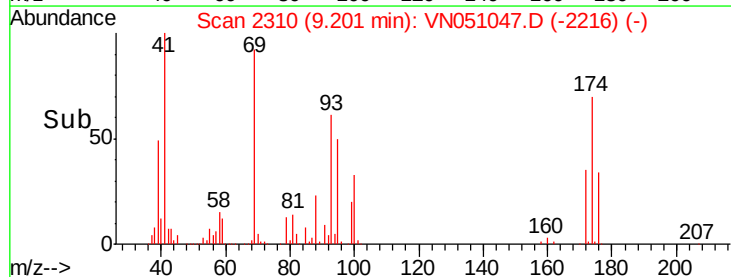
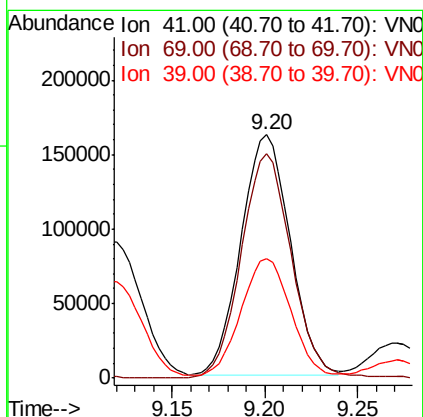
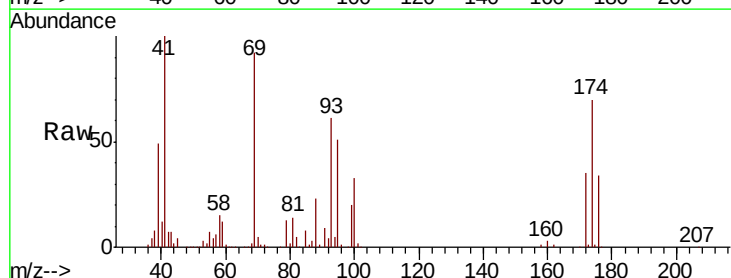
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

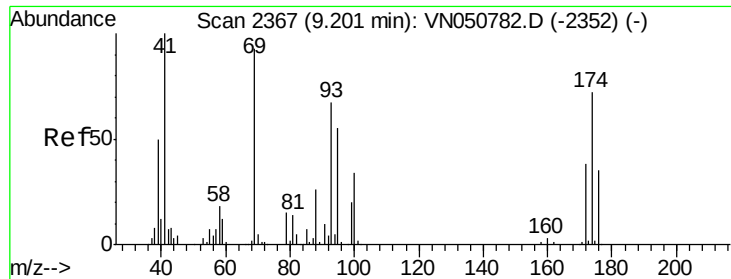
Tot Ion: 83 Resp: 506263
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 9.1 7.2 10.8



#48
Methyl methacrylate
Concen: 58.75 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 41 Resp: 298235
Ion Ratio Lower Upper
41 100
69 95.7 74.7 112.1
39 51.0 42.2 63.2





#49

1,4-Dioxane

Concen: 1146.93 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

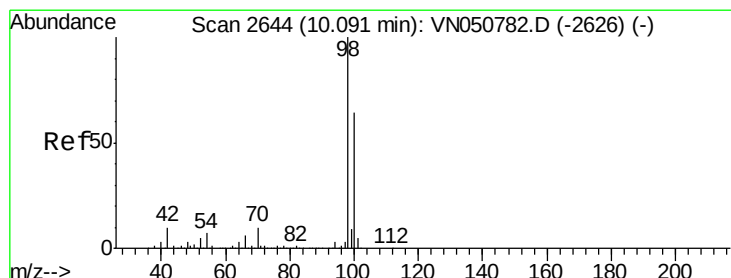
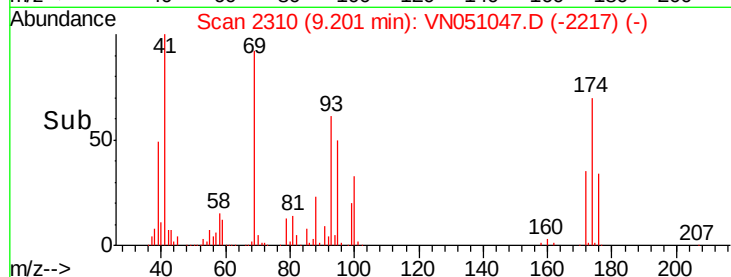
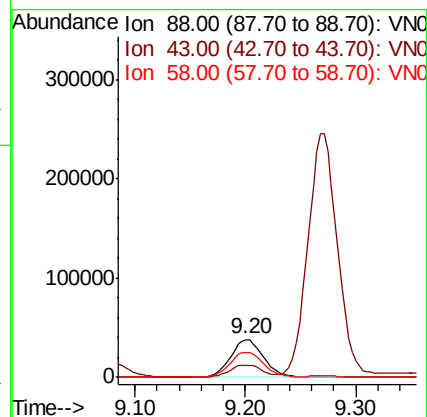
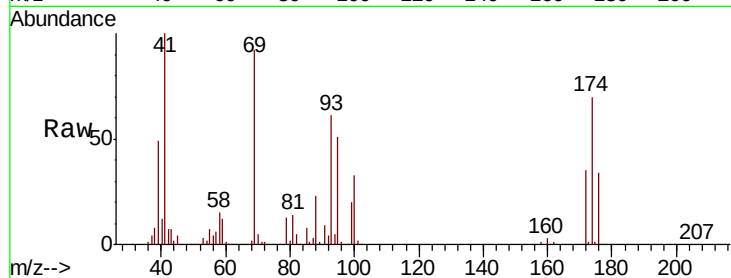
Tot Ion: 88 Resp: 79375

Ion Ratio Lower Upper

88 100

43 31.4 25.9 38.9

58 67.2 55.0 82.4



#50

Toluene-d8

Concen: 48.34 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051047.D

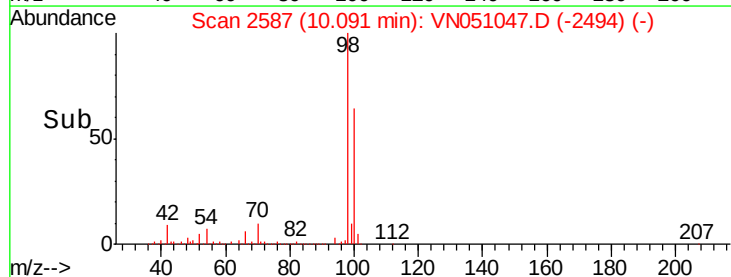
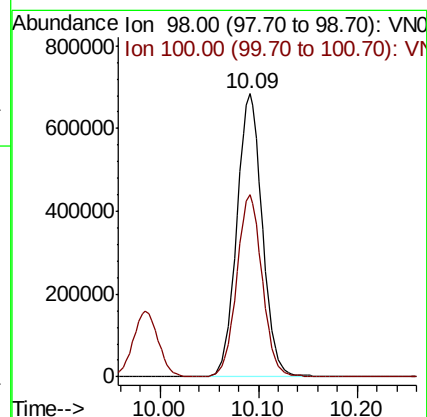
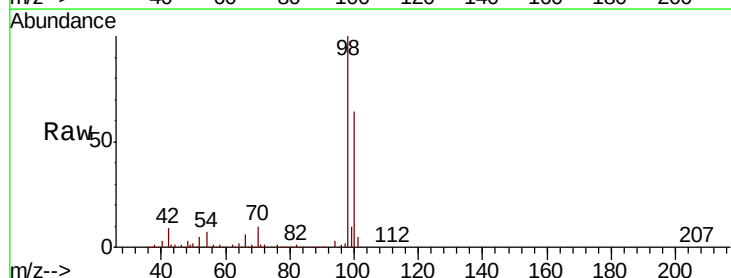
Acq: 7 Sep 2018 12:24

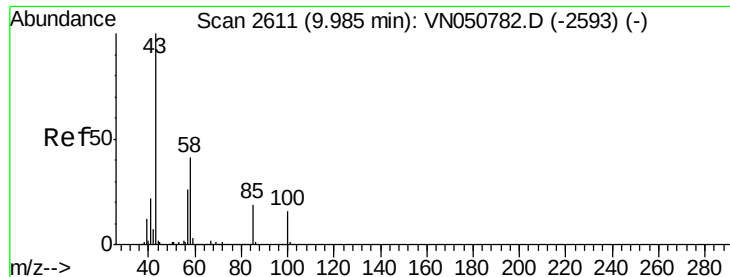
Tgt Ion: 98 Resp: 1228970

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

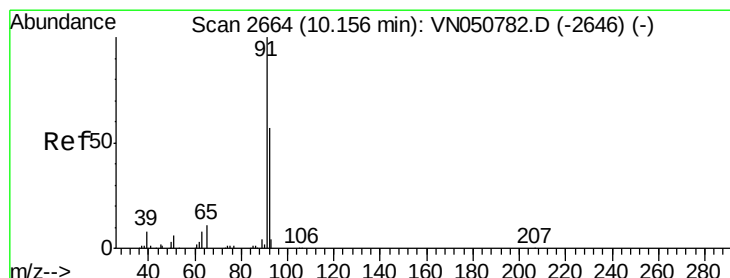
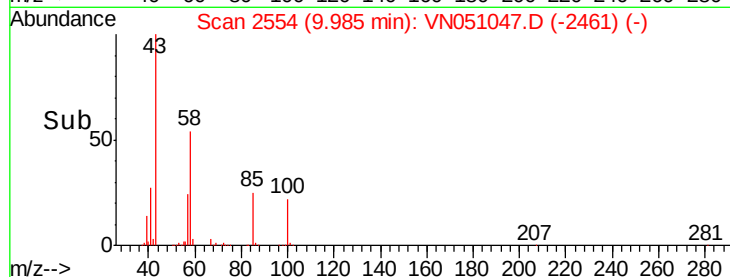
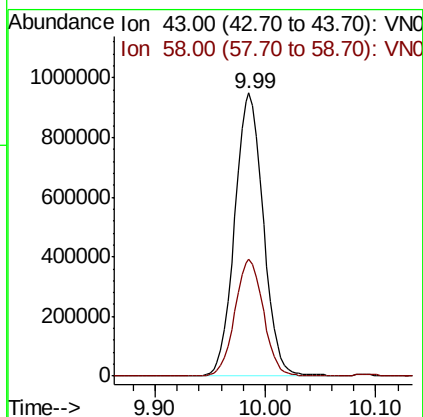
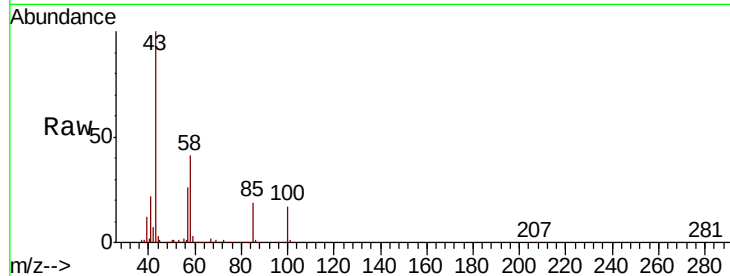




#51
 4-Methyl-2-Pentanone
 Concen: 286.46 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

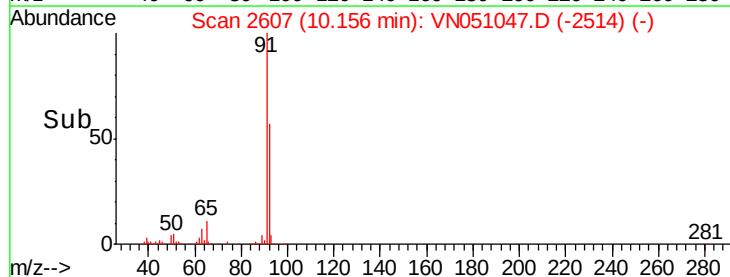
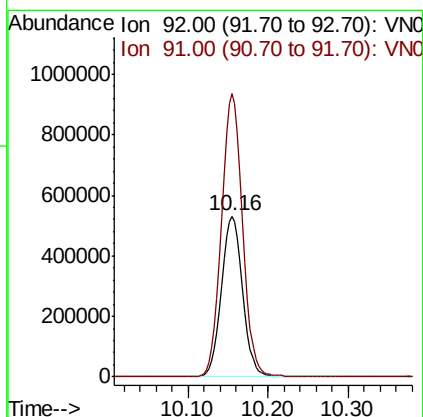
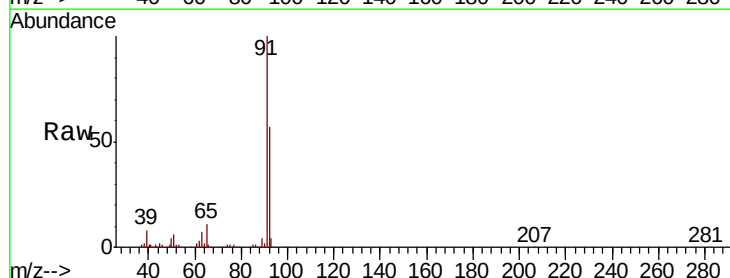
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

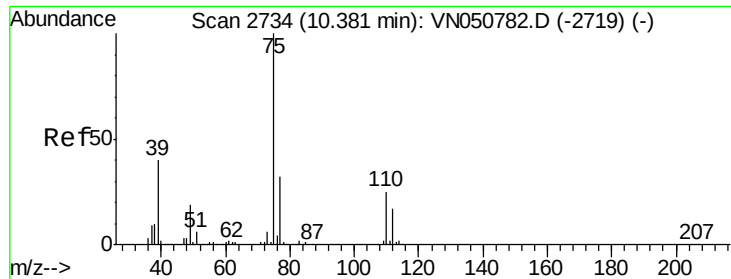
Tot Ion: 43 Resp: 1702845
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.4 48.6



#52
 Toluene
 Concen: 54.04 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 92 Resp: 973627
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 54.08 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

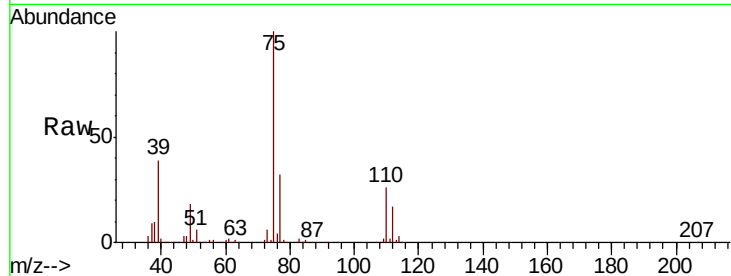
VSTDCCC050

Tot Ion: 75 Resp: 529558

Ion Ratio Lower Upper

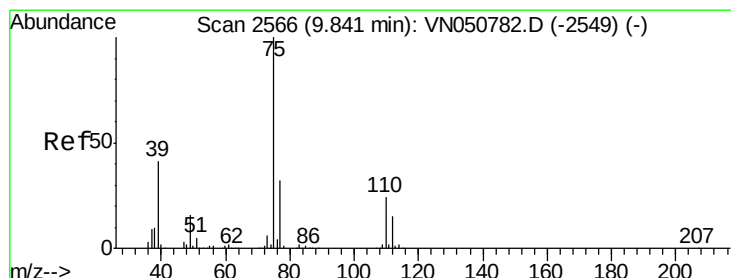
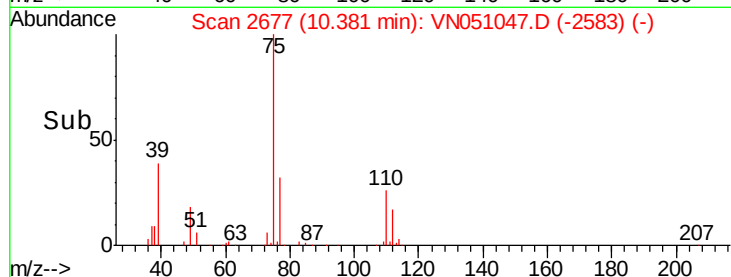
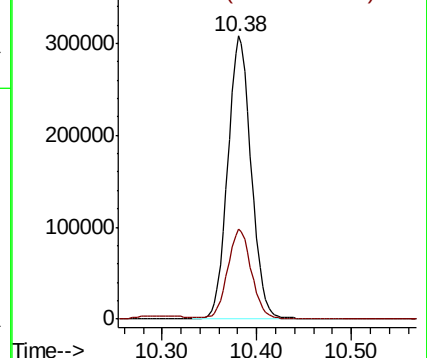
75 100

77 31.7 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 54.16 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

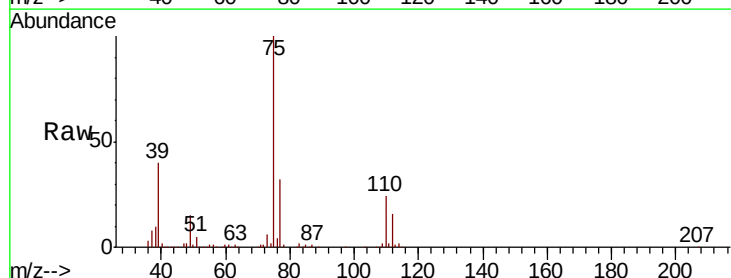
Tgt Ion: 75 Resp: 607251

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

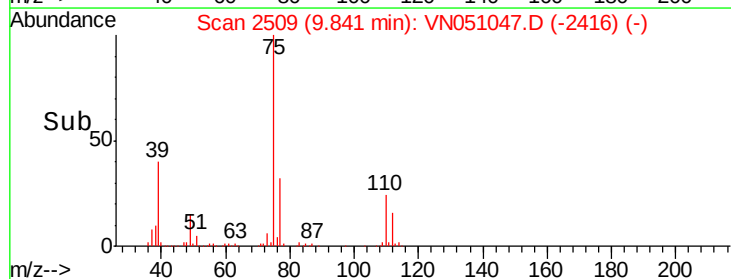
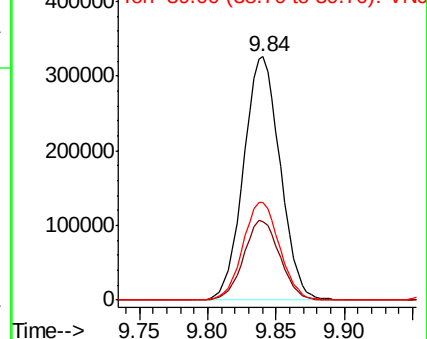
39 40.0 33.0 49.4

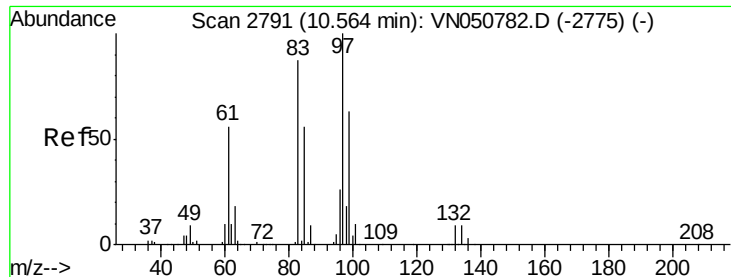


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

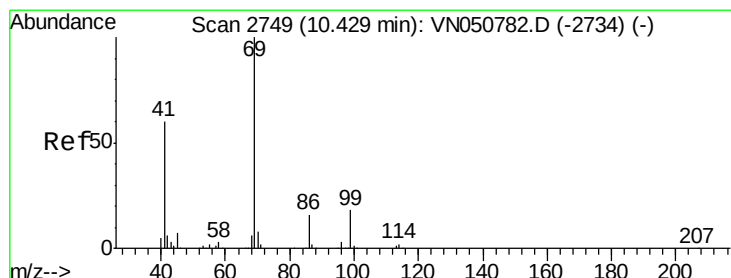
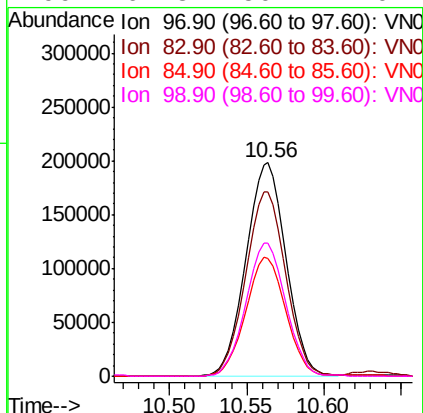
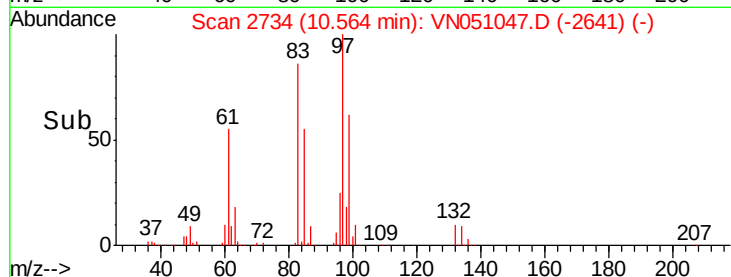
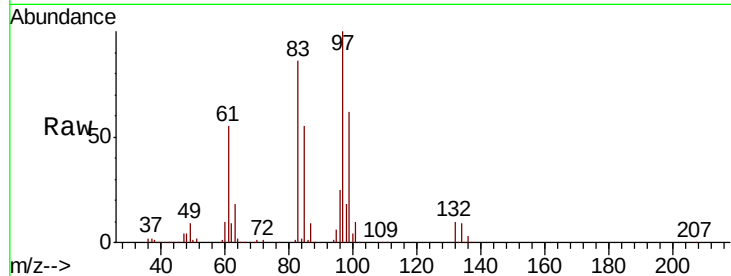




#55
 1,1,2-Trichloroethane
 Concen: 53.55 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

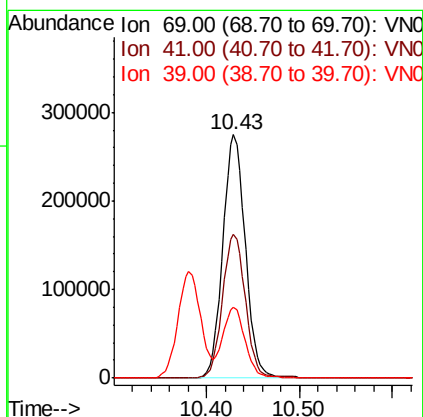
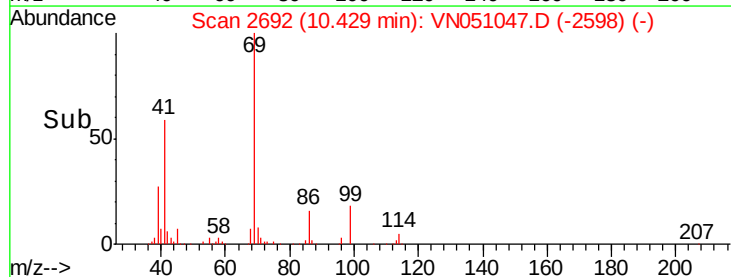
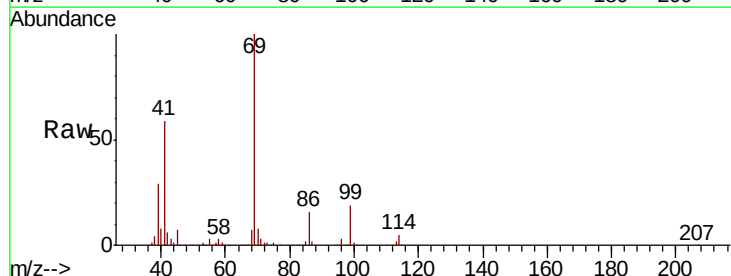
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

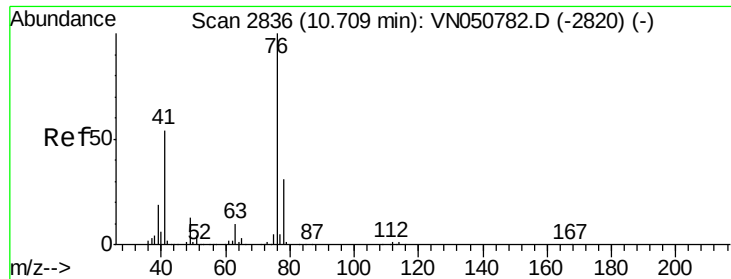
Tot Ion:	97	Resp:	358100
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.7	104.5
85	55.3	44.5	66.7
99	62.3	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 53.22 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion:	69	Resp:	464319
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.3	72.5
39	28.6	24.0	36.0

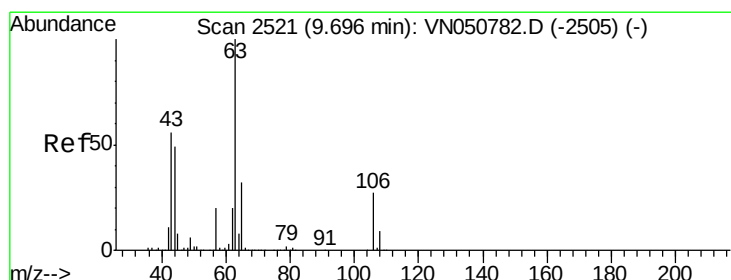
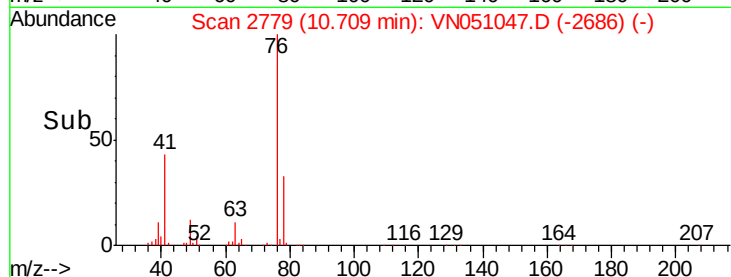
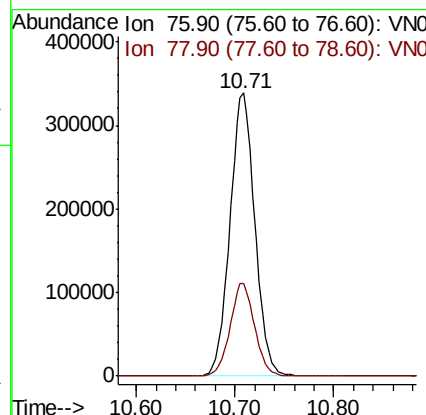
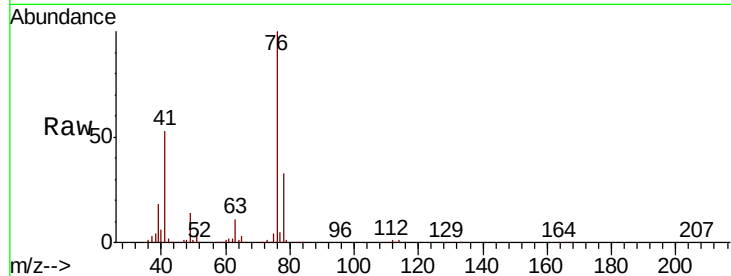




#57
 1,3-Dichloropropane
 Concen: 54.30 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

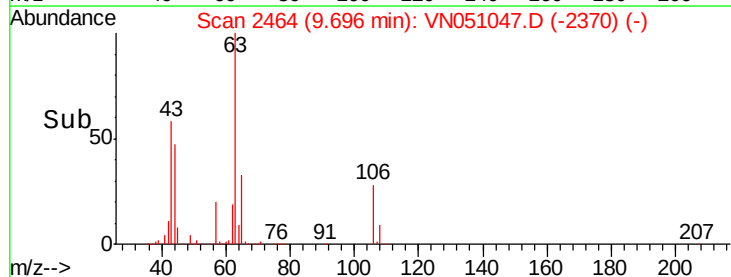
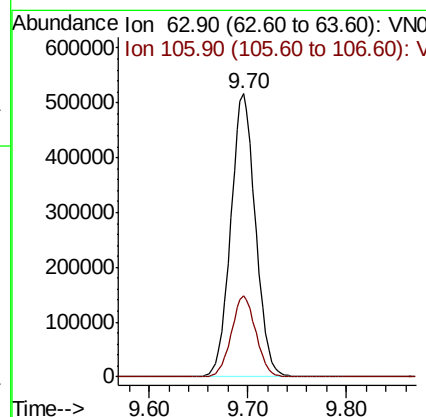
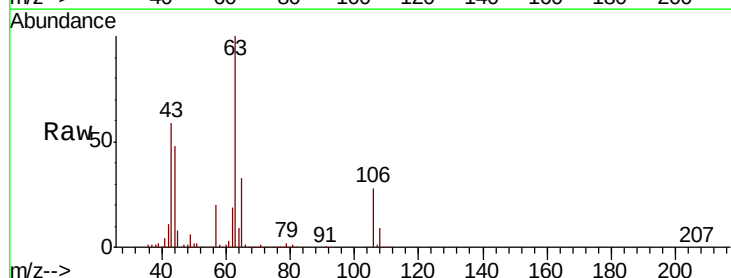
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

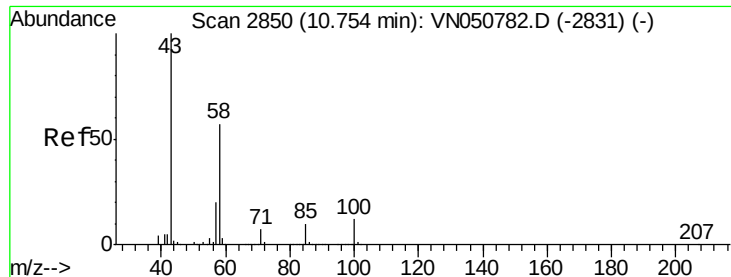
Tot Ion: 76 Resp: 599353
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.43 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 63 Resp: 906764
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.9 32.9

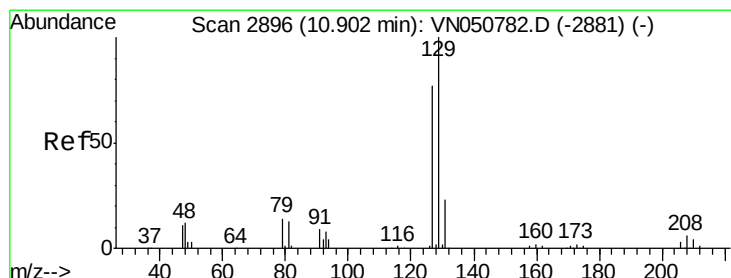
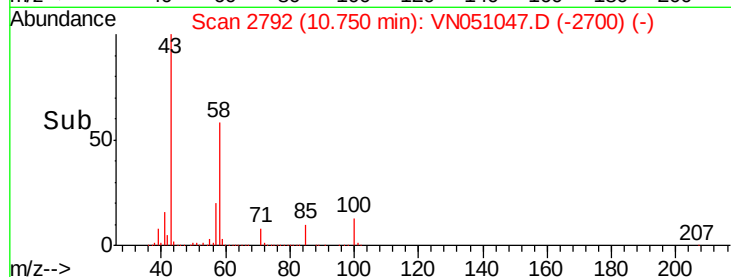
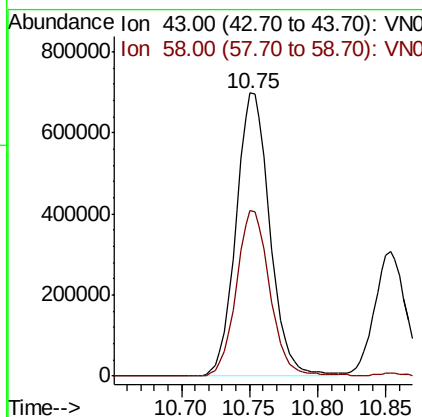
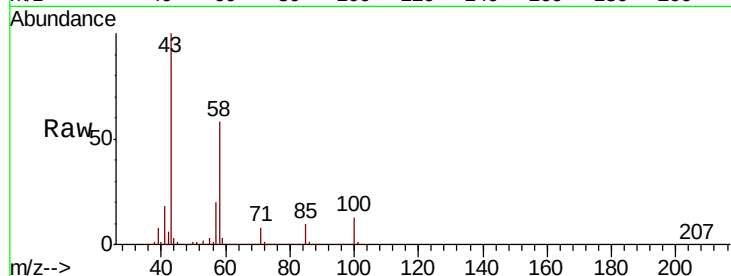




#59
2-Hexanone
Concen: 302.72 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

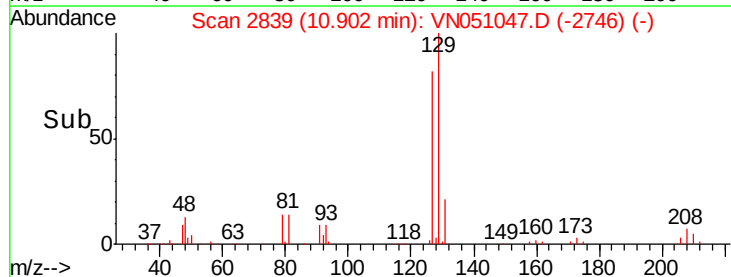
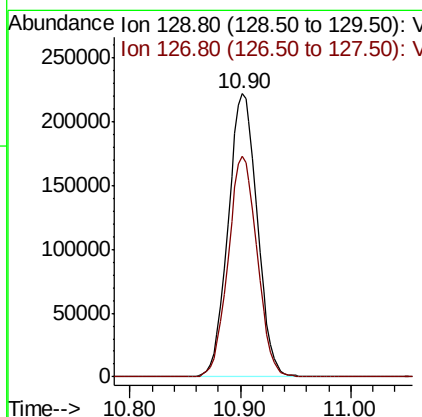
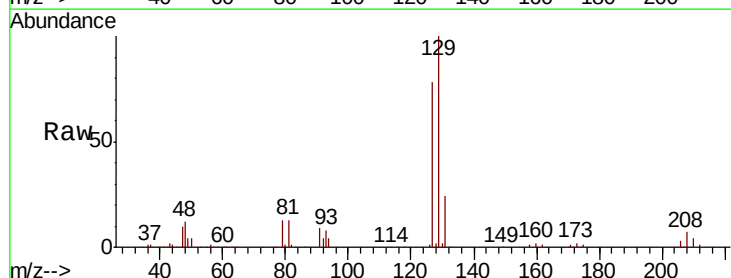
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

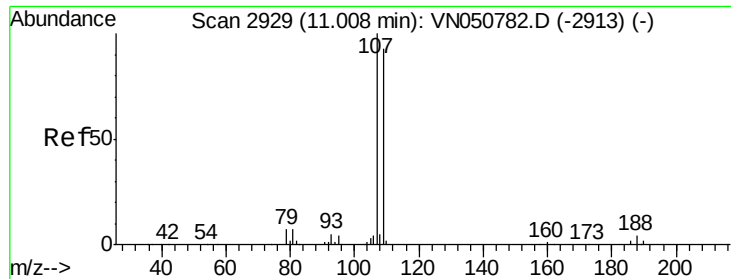
Tot Ion: 43 Resp: 1197968
Ion Ratio Lower Upper
43 100
58 58.3 28.3 85.0



#60
Dibromochloromethane
Concen: 54.25 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 129 Resp: 406177
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

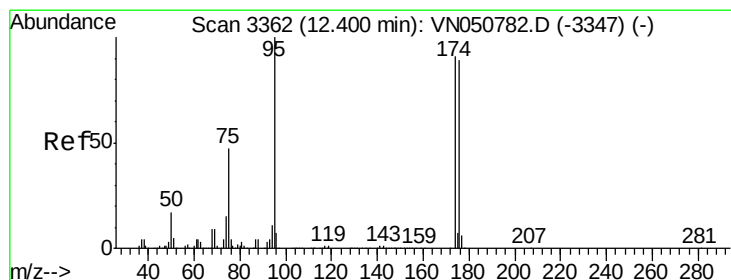
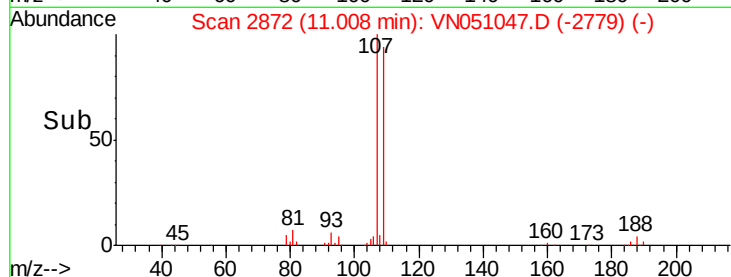
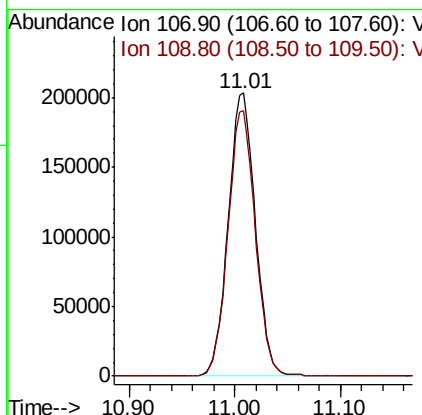
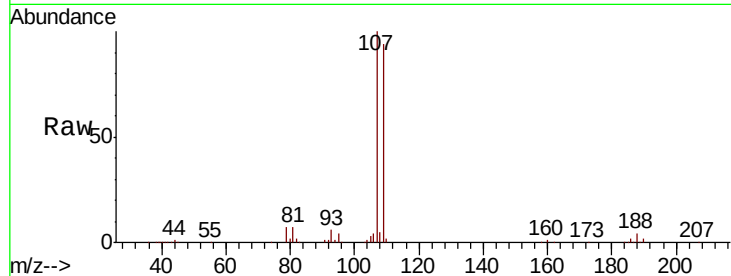




#61
 1,2-Dibromoethane
 Concen: 55.91 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

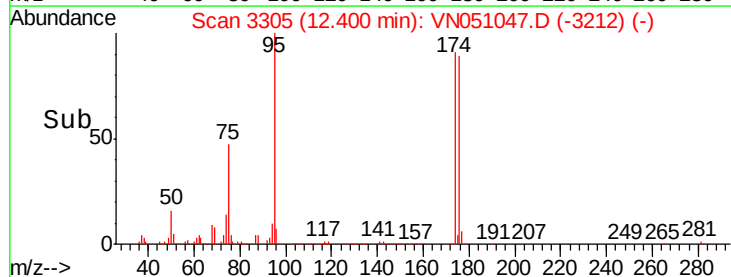
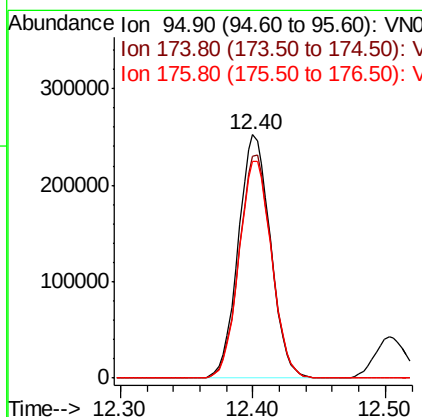
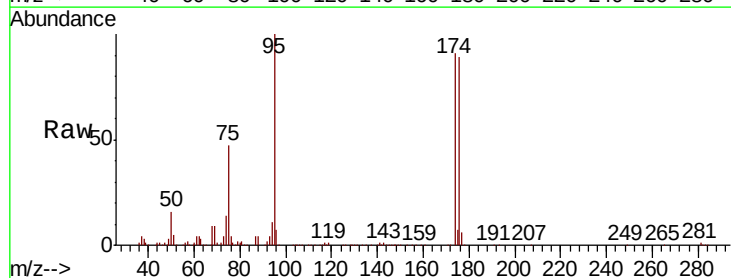
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

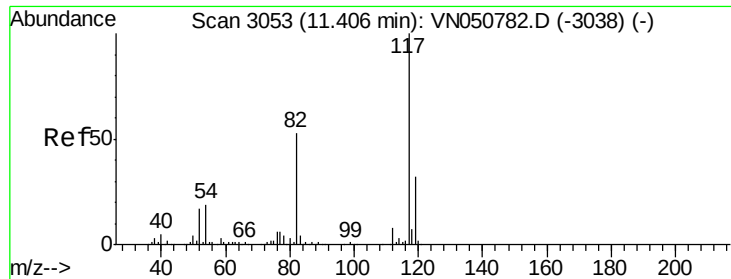
Tot Ion:107 Resp: 361547
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.23 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion: 95 Resp: 424324
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 183.0
 176 90.4 0.0 178.8

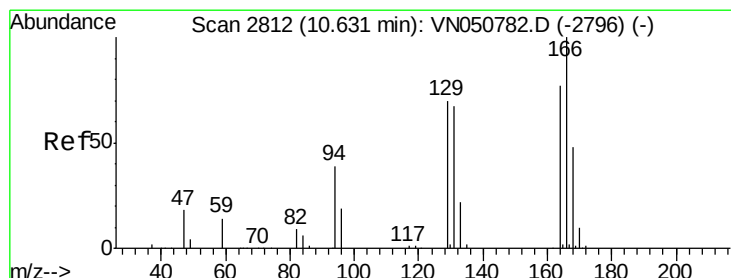
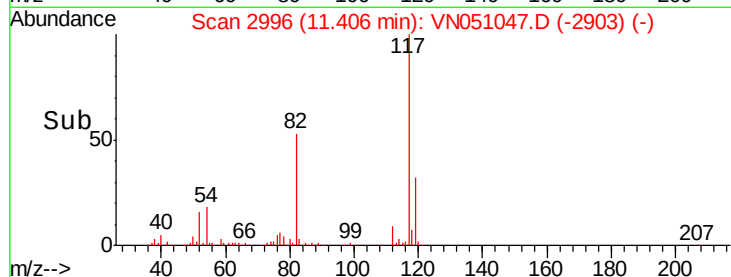
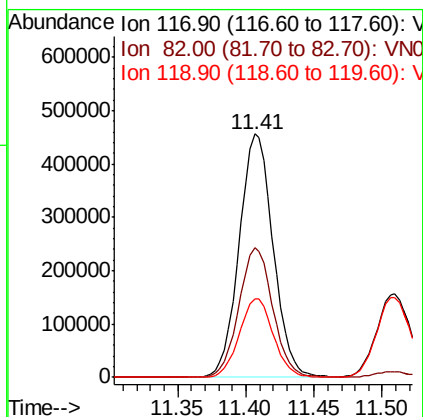
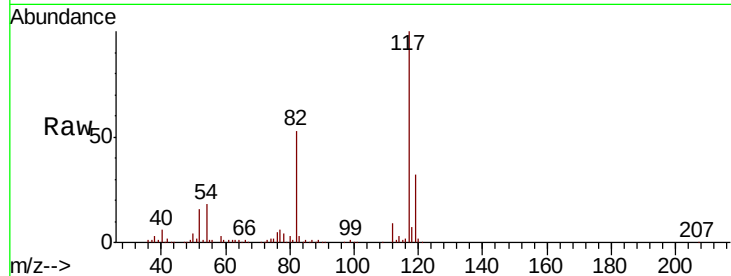




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

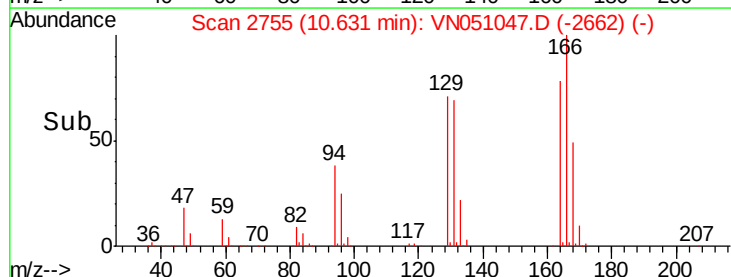
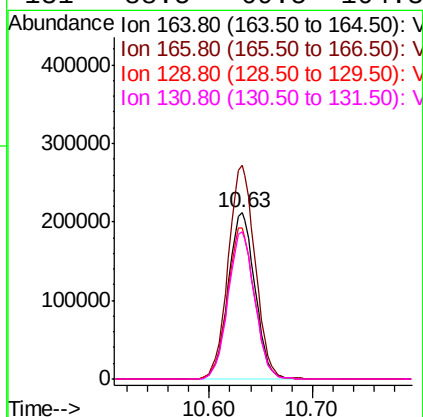
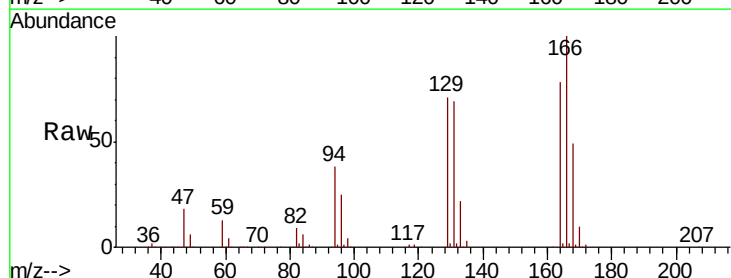
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

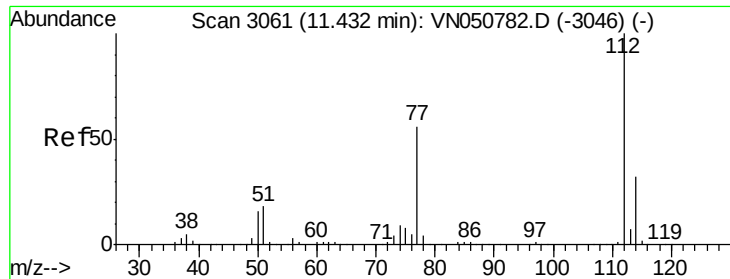
Tot Ion:117 Resp: 788343
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 51.20 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion:164 Resp: 383342
Ion Ratio Lower Upper
164 100
166 128.5 103.5 155.3
129 90.9 72.7 109.1
131 88.5 69.5 104.3

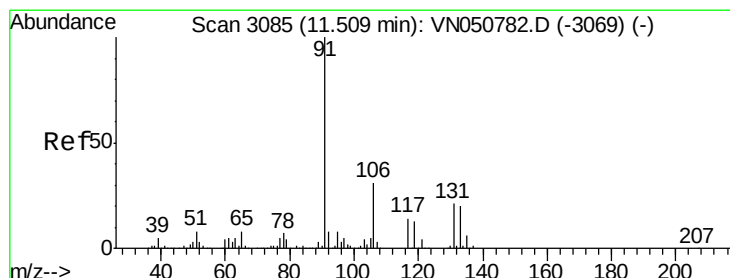
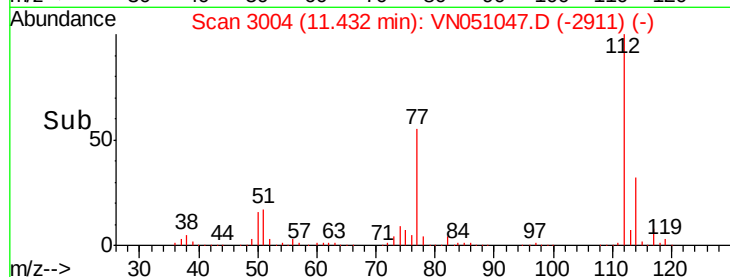
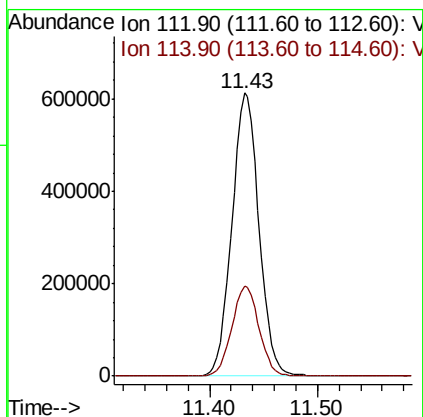
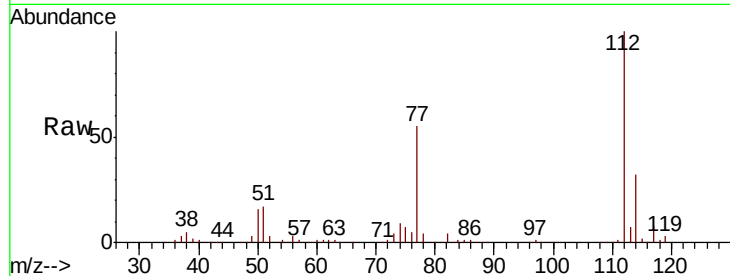




#65
Chlorobenzene
Concen: 51.99 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

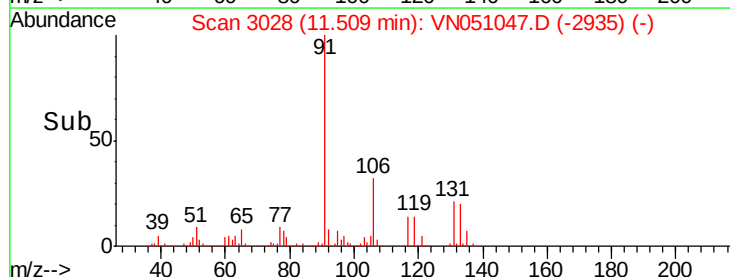
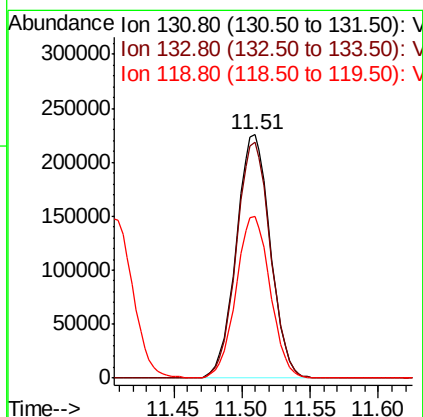
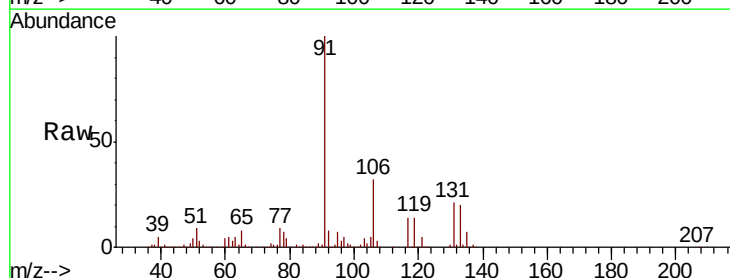
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

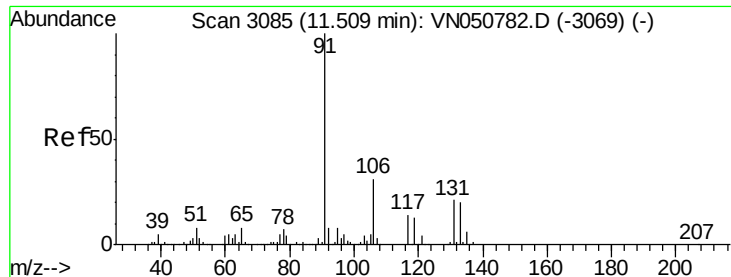
Tot Ion:112 Resp: 1071199
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.89 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion:131 Resp: 391208
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.3
119 66.5 32.8 98.4

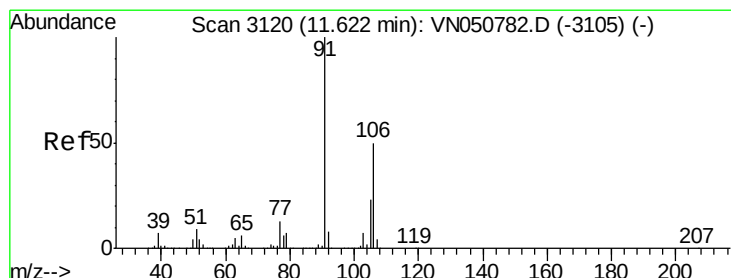
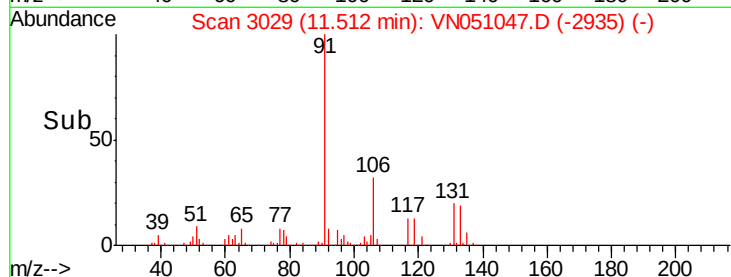
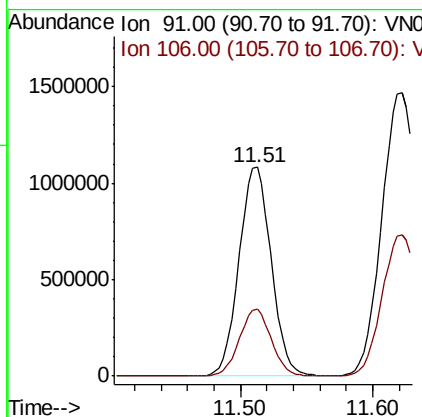
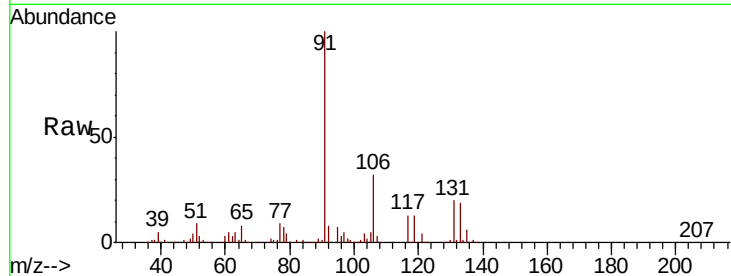




#67
Ethyl Benzene
Concen: 54.55 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

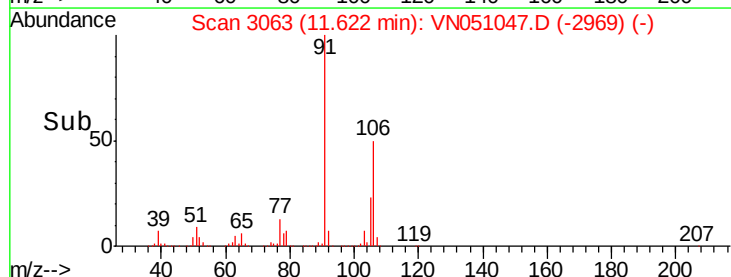
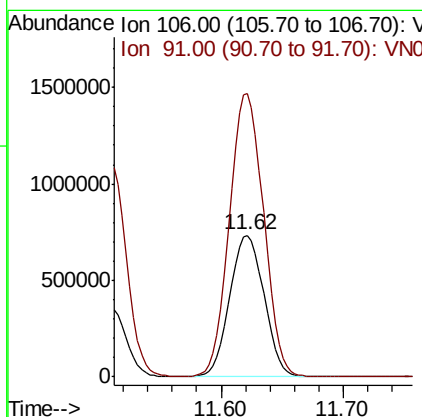
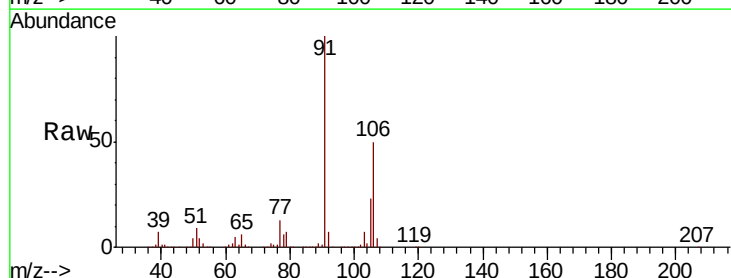
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

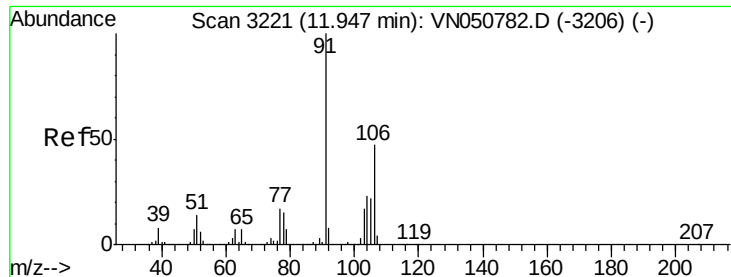
Tot Ion: 91 Resp: 1827306
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4



#68
m/p-Xylenes
Concen: 113.03 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 106 Resp: 1437239
Ion Ratio Lower Upper
106 100
91 199.5 161.0 241.6

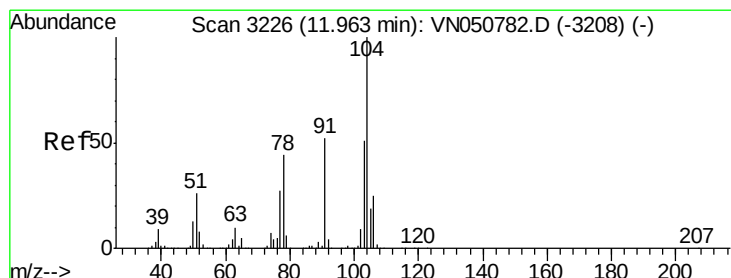
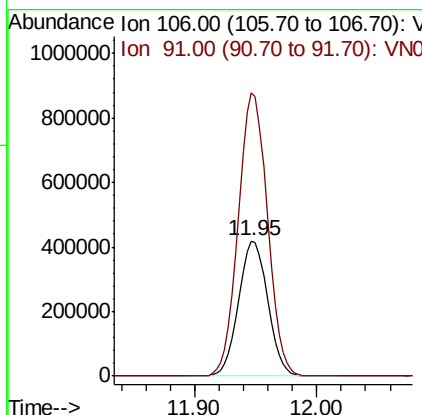
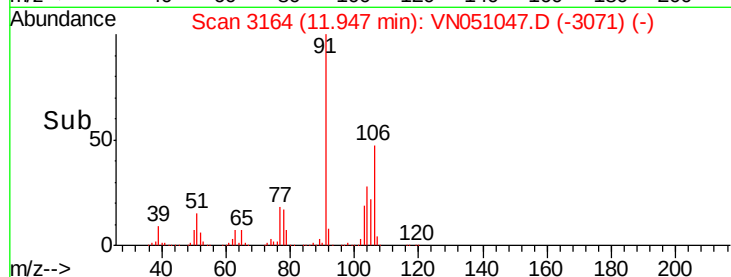
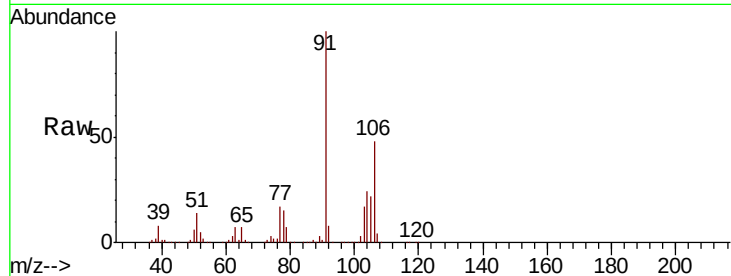




#69
o-Xylene
Concen: 56.44 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

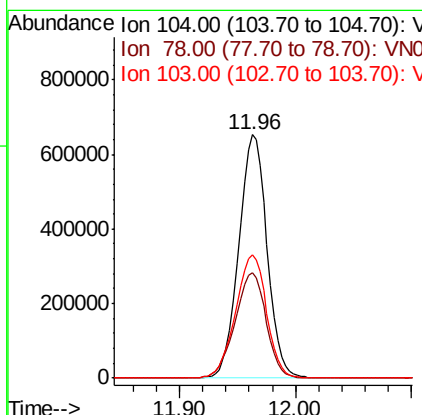
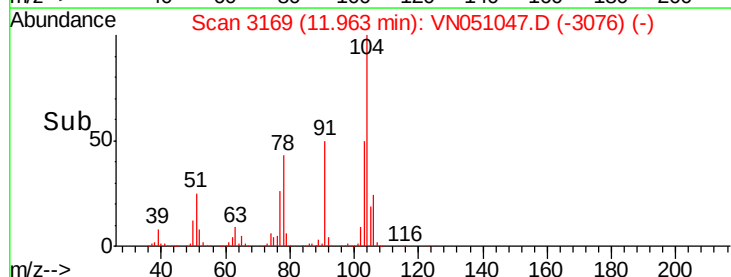
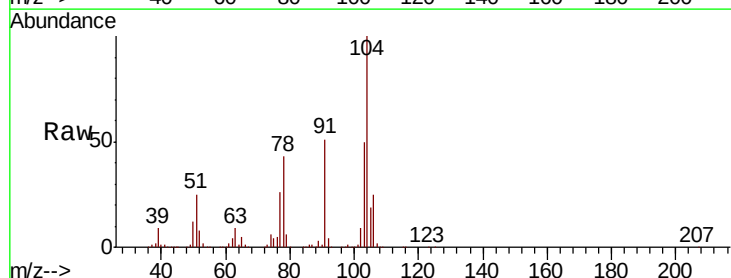
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

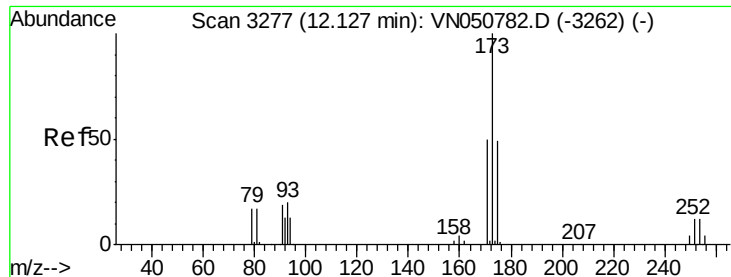
Tot Ion:106 Resp: 689892
Ion Ratio Lower Upper
106 100
91 210.1 106.5 319.5



#70
Styrene
Concen: 51.07 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion:104 Resp: 1100869
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 57.50 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

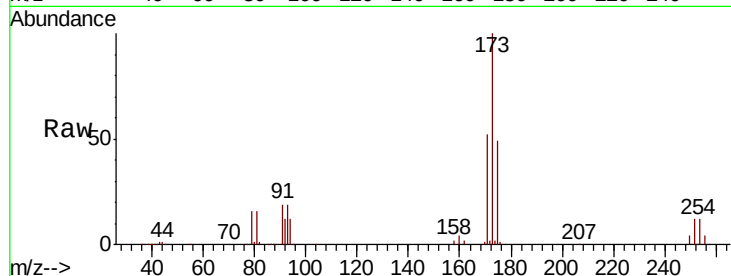
Tot Ion:173 Resp: 298108

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

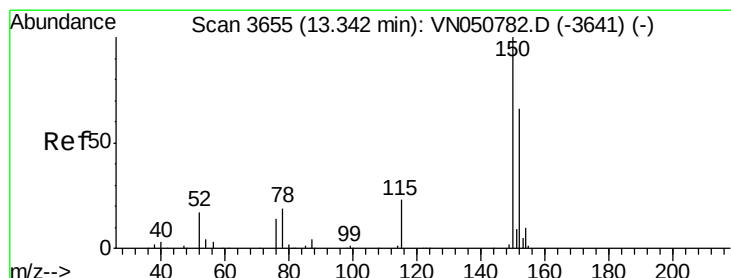
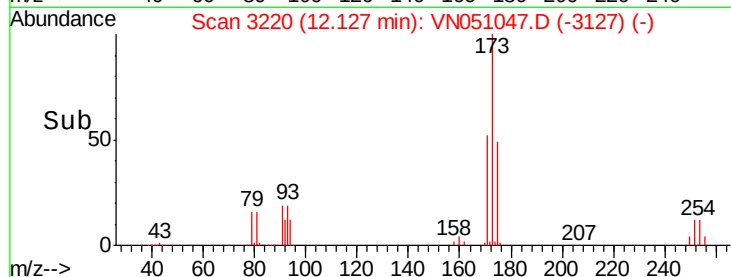
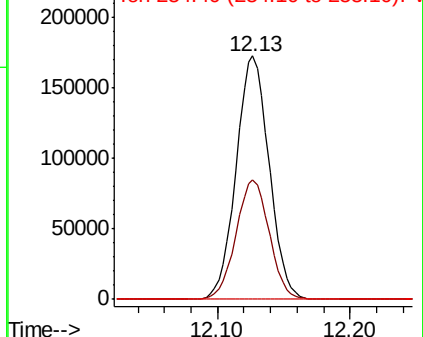
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

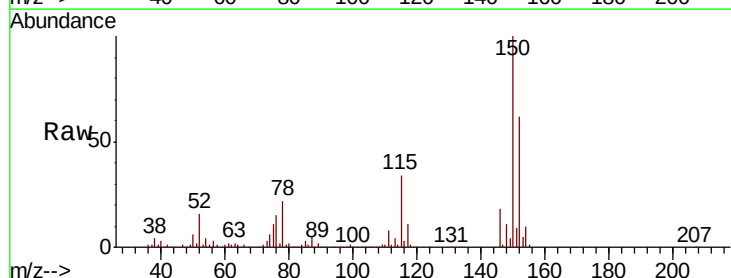
Tgt Ion:152 Resp: 424698

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

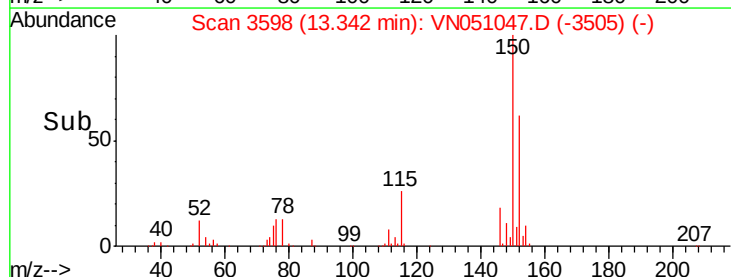
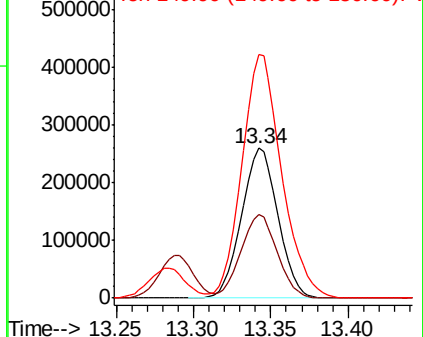
150 177.8 0.0 351.4

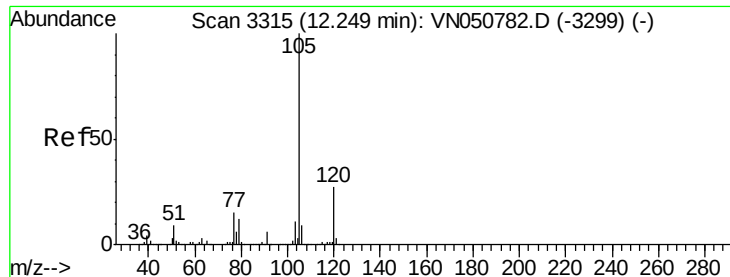


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.73 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

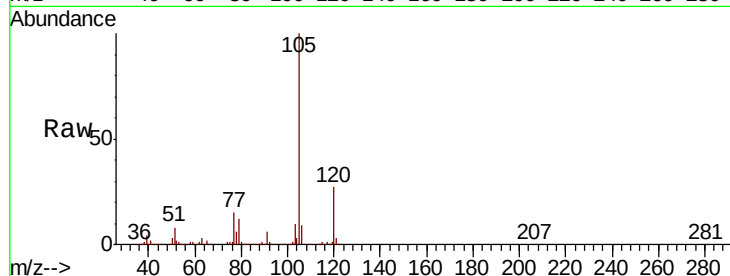
VSTDCCC050

Tot Ion:105 Resp: 1819151

Ion Ratio Lower Upper

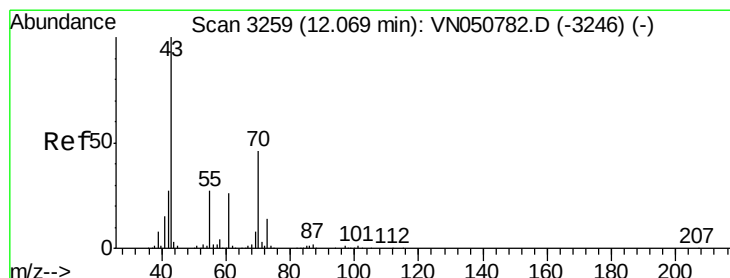
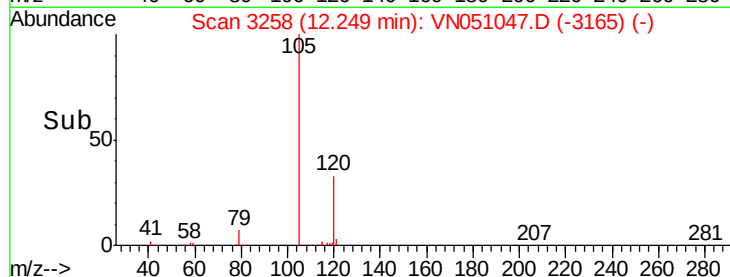
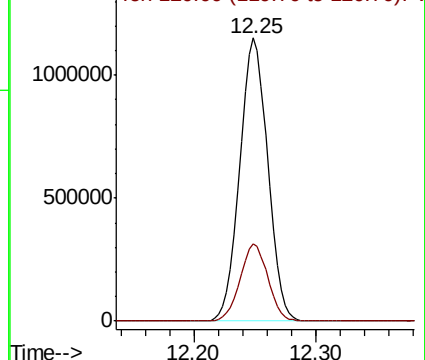
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.98 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Tgt Ion: 43 Resp: 494652

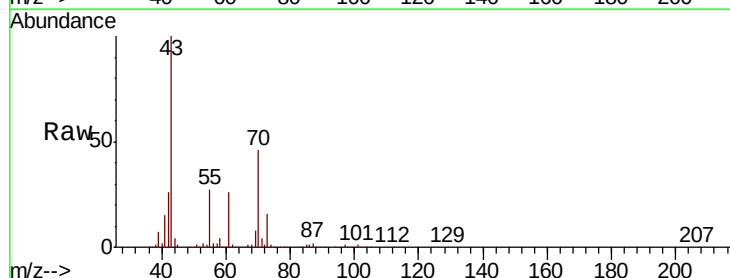
Ion Ratio Lower Upper

43 100

70 46.7 36.2 54.2

55 27.6 21.8 32.8

61 26.2 20.5 30.7

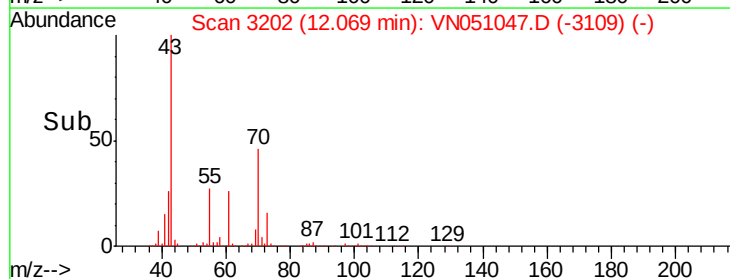
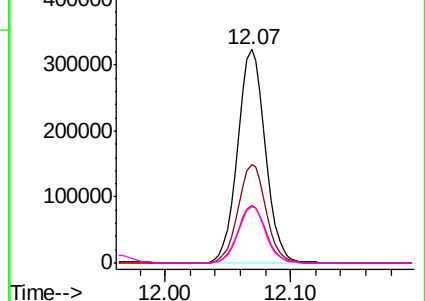


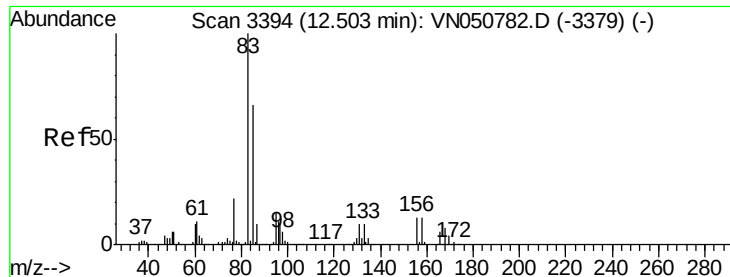
Abundance Ion 43.00 (42.70 to 43.70): V

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: 56.45 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

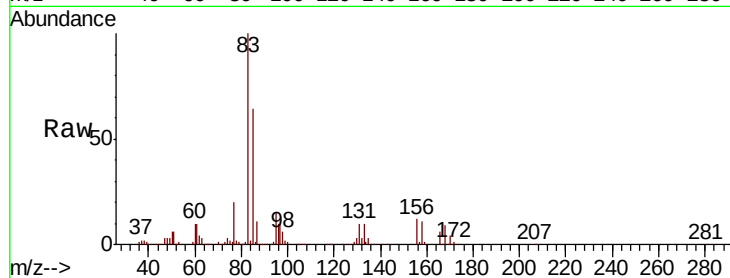
Tot Ion: 83 Resp: 471525

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

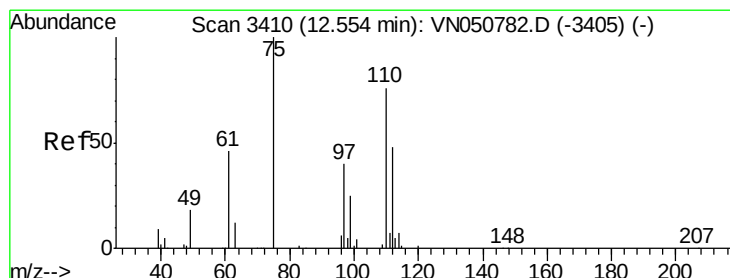
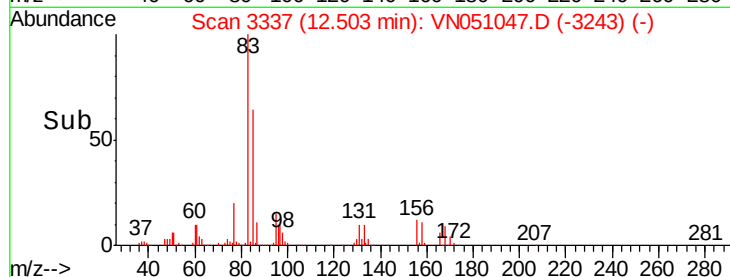
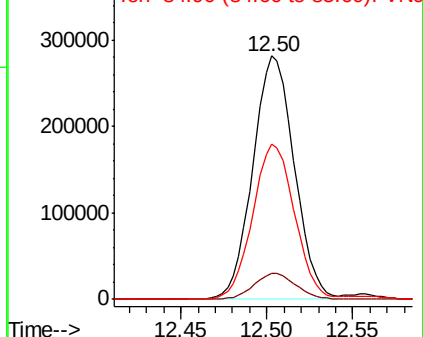
85 64.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN051047.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN051047.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN051047.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 75.88 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051047.D

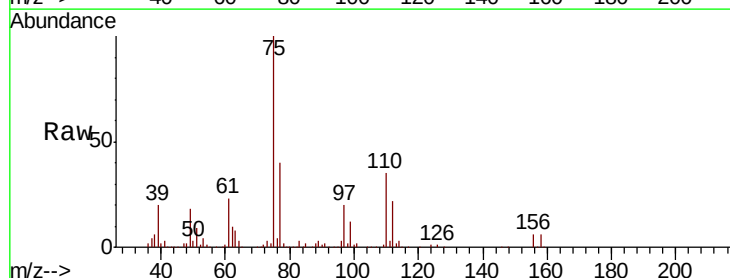
Acq: 7 Sep 2018 12:24

Tgt Ion: 75 Resp: 564423

Ion Ratio Lower Upper

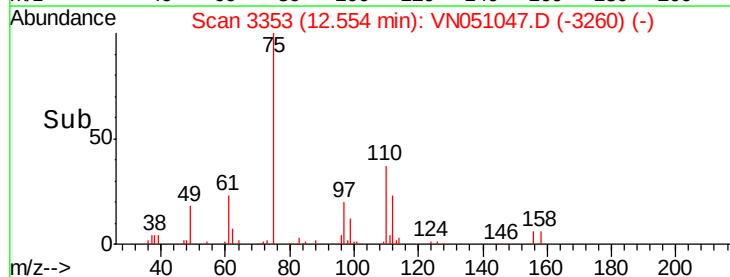
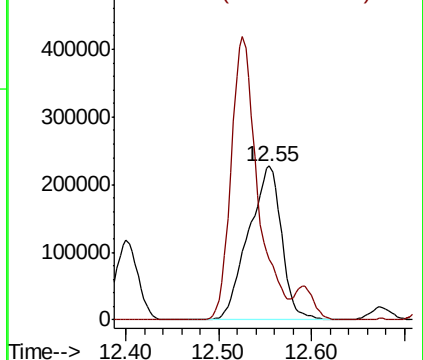
75 100

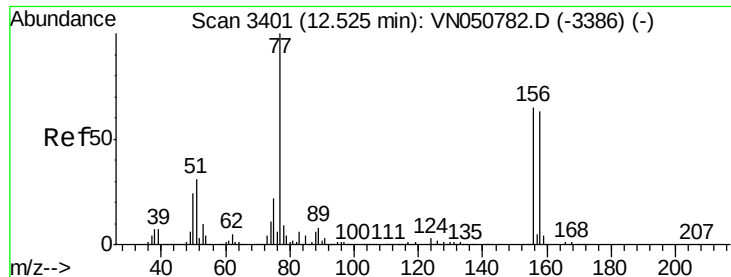
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051047.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051047.D (-3353) (-)





#77

Bromobenzene

Concen: 49.51 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

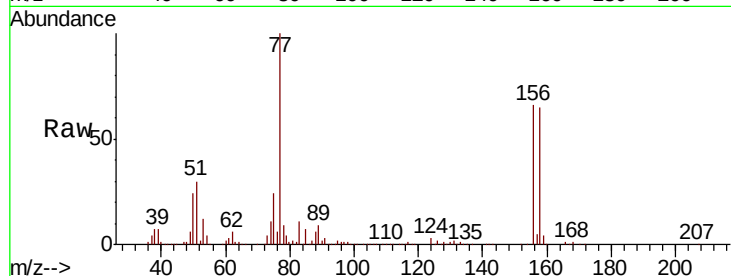
Tot Ion:156 Resp: 473180

Ion Ratio Lower Upper

156 100

77 176.7 89.9 269.7

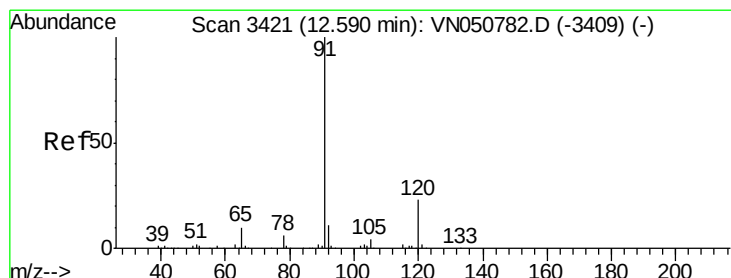
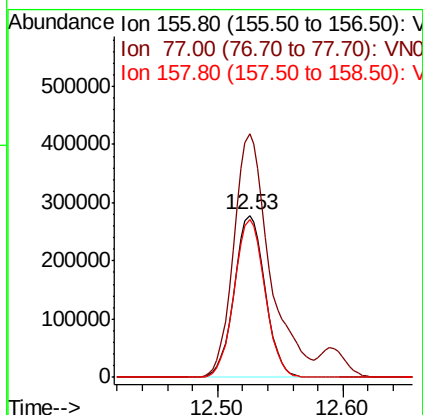
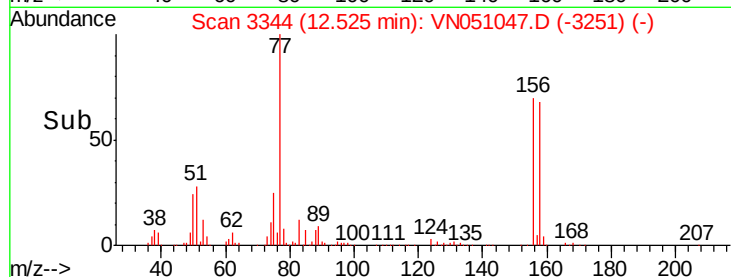
158 97.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.59 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051047.D

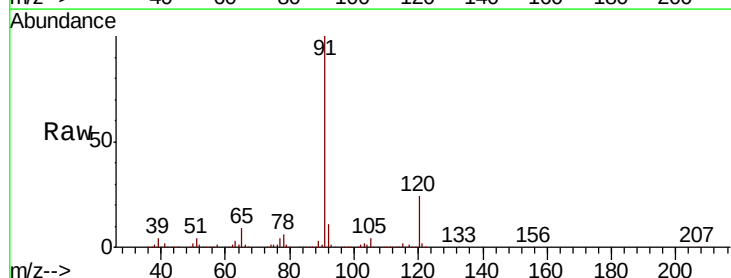
Acq: 7 Sep 2018 12:24

Tgt Ion: 91 Resp: 2065996

Ion Ratio Lower Upper

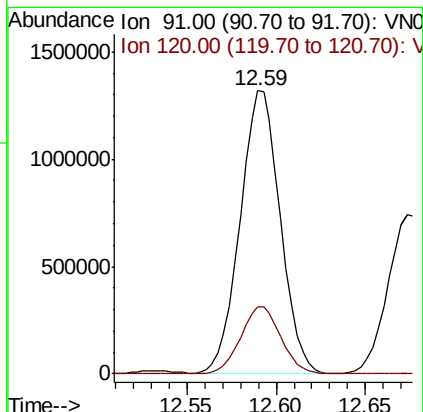
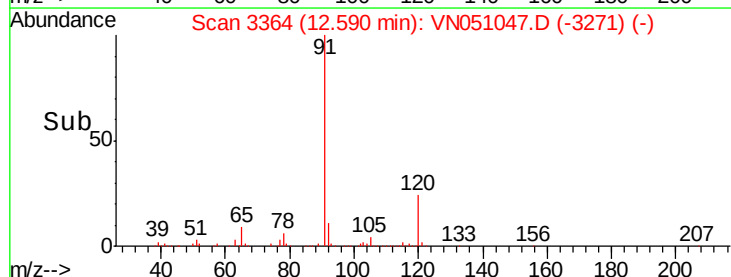
91 100

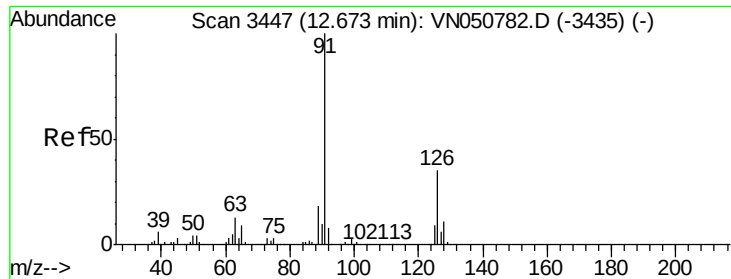
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.37 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

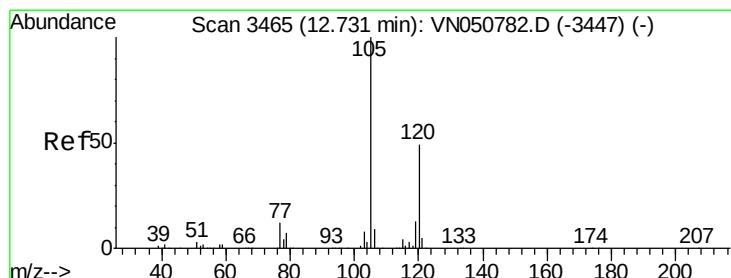
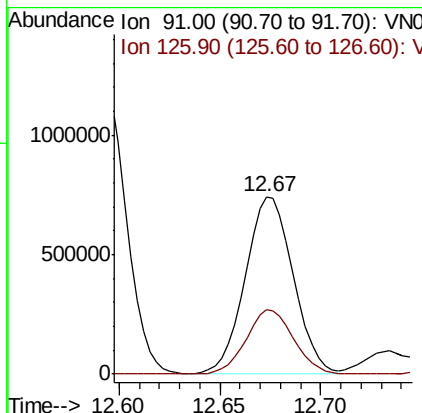
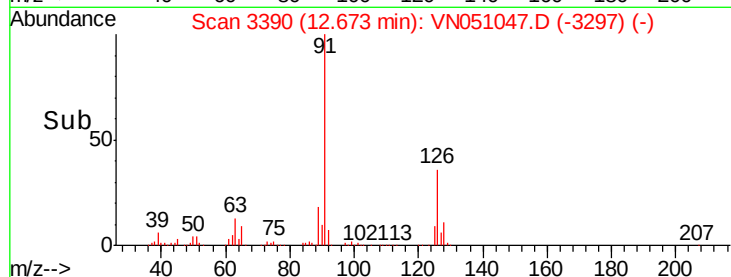
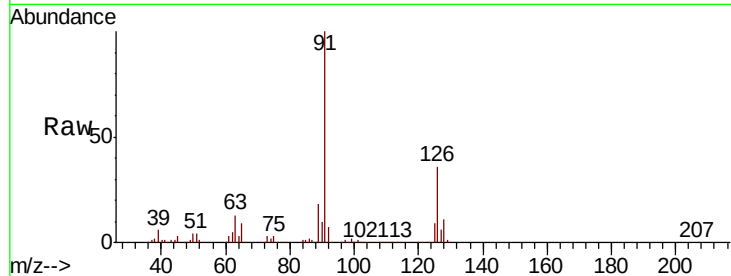
VSTDCCC050

Tot Ion: 91 Resp: 1232627

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 53.29 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051047.D

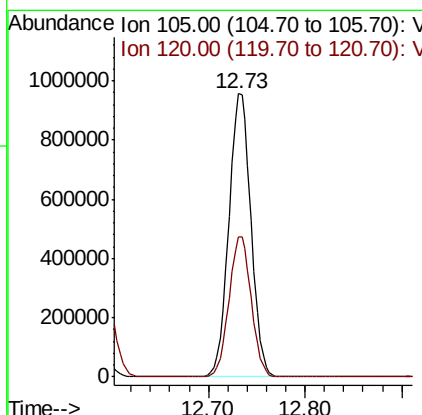
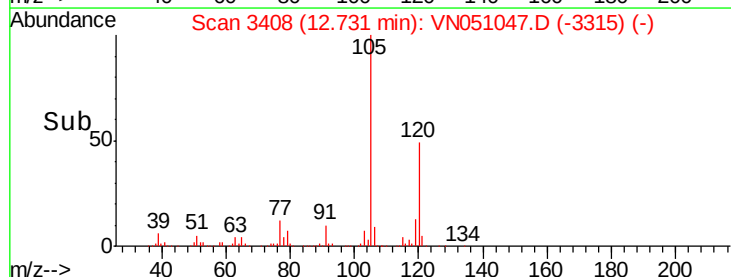
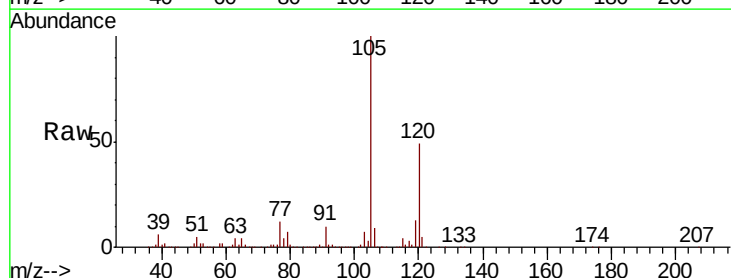
Acq: 7 Sep 2018 12:24

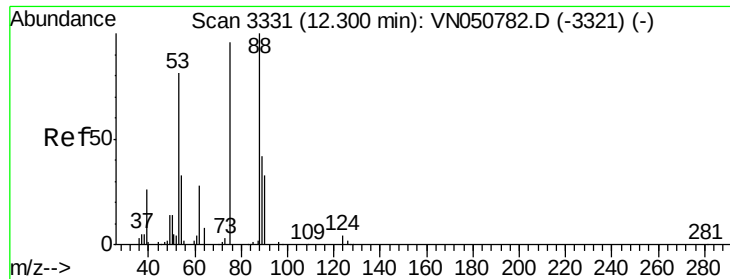
Tgt Ion:105 Resp: 1512122

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.76 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

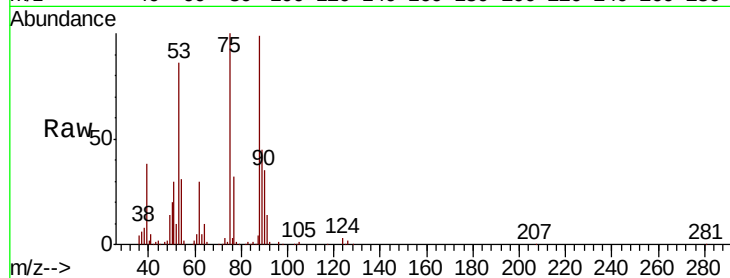
Tot Ion: 75 Resp: 124905

Ion Ratio Lower Upper

75 100

53 86.8 68.9 103.3

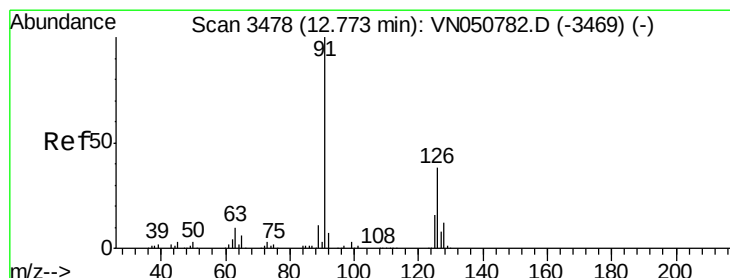
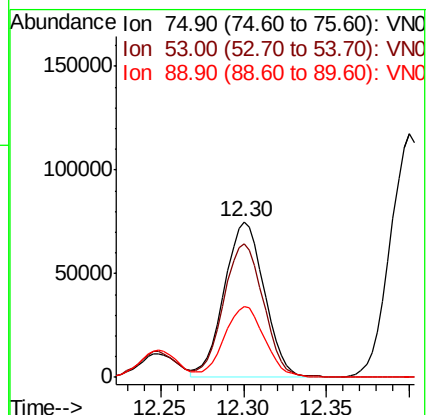
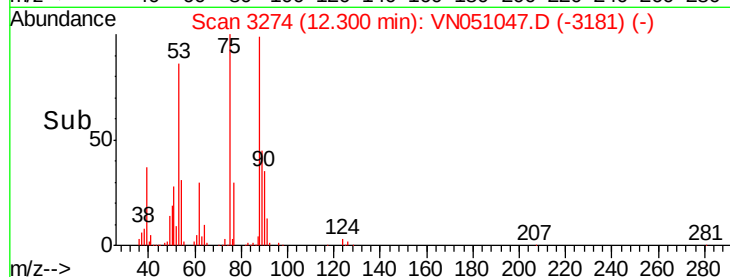
89 46.2 36.1 54.1



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: 51.49 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051047.D

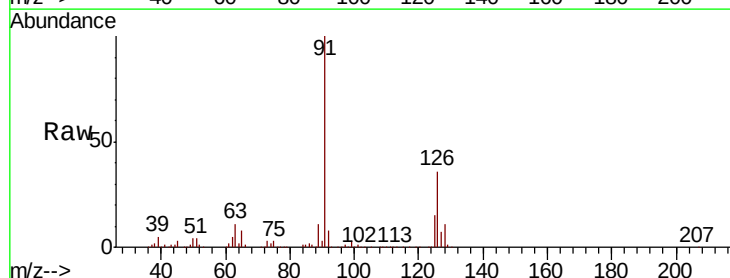
Acq: 7 Sep 2018 12:24

Tgt Ion: 91 Resp: 1243904

Ion Ratio Lower Upper

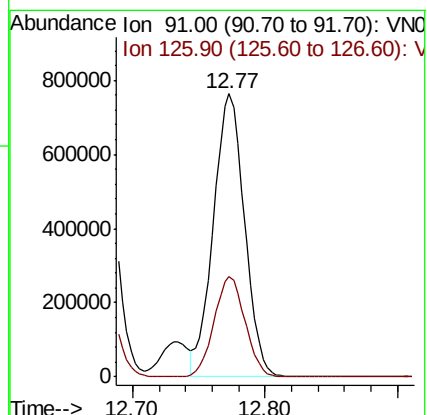
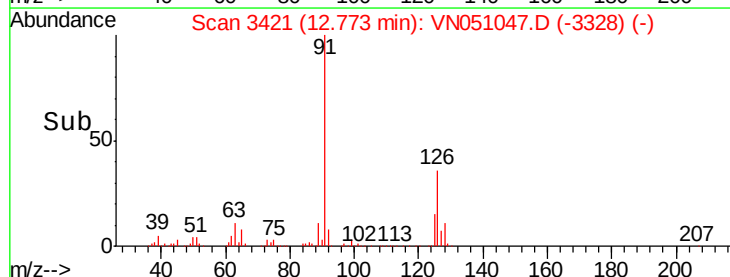
91 100

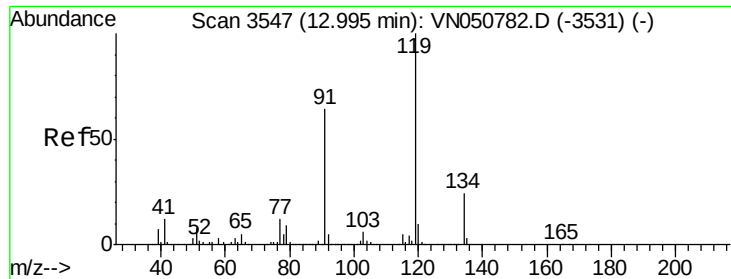
126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

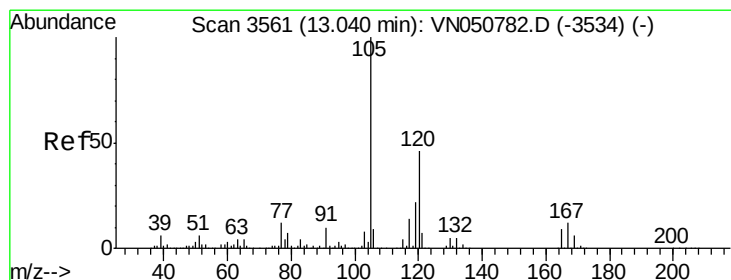
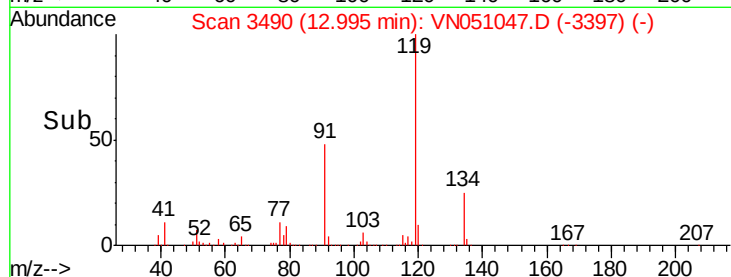
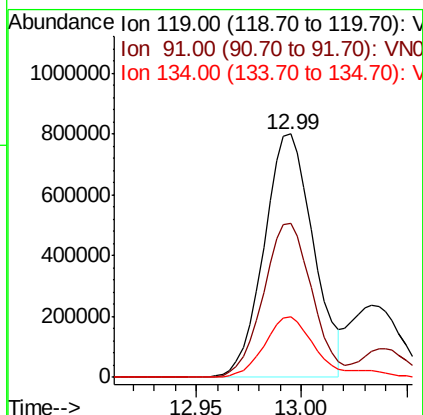
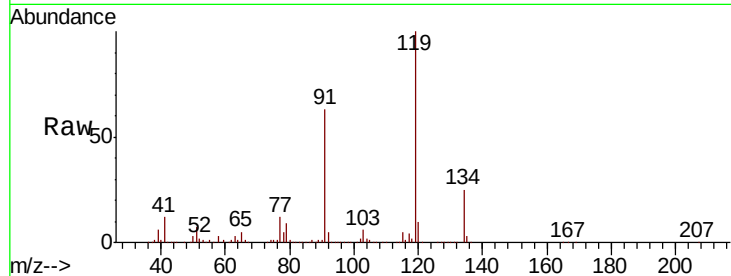




#83
 tert-Butylbenzene
 Concen: 52.89 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

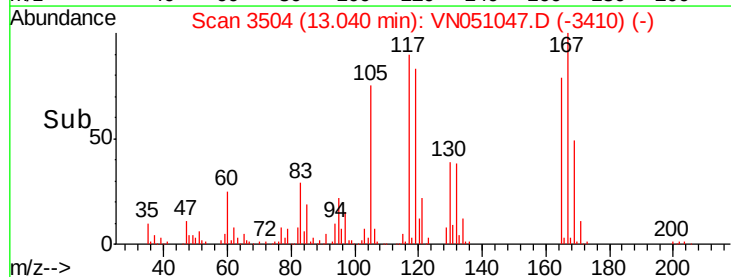
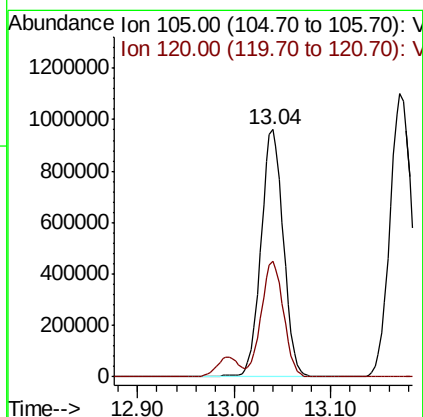
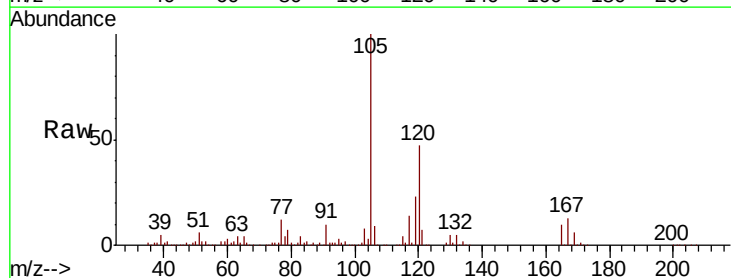
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

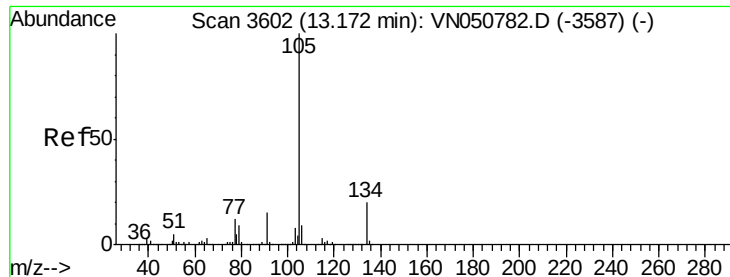
Tot Ion:119 Resp: 1299646
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 94.7
 134 24.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.98 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion:105 Resp: 1540816
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 53.76 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

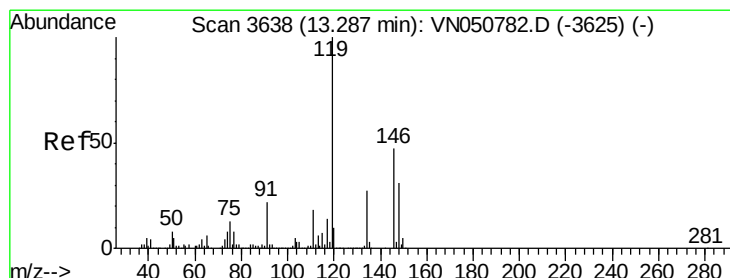
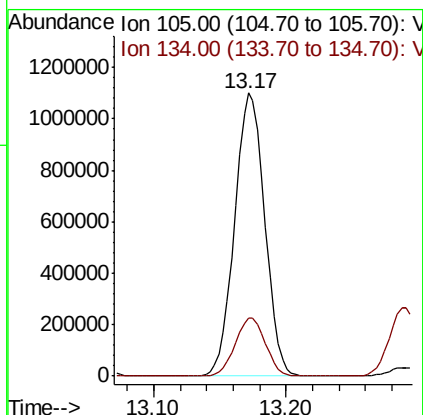
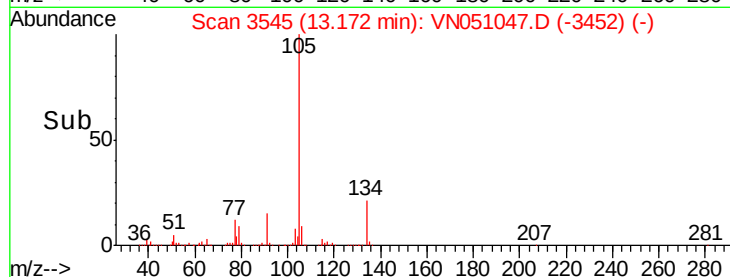
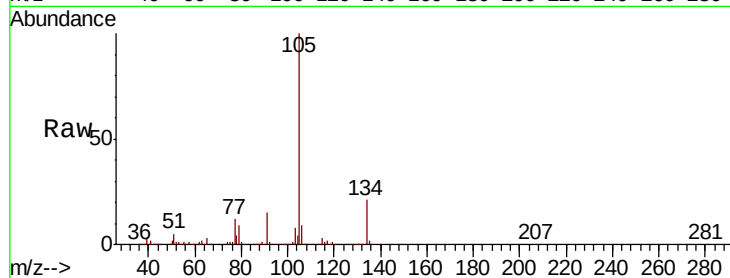
VSTDCCC050

Tot Ion:105 Resp: 1731085

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 56.32 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051047.D

Acq: 7 Sep 2018 12:24

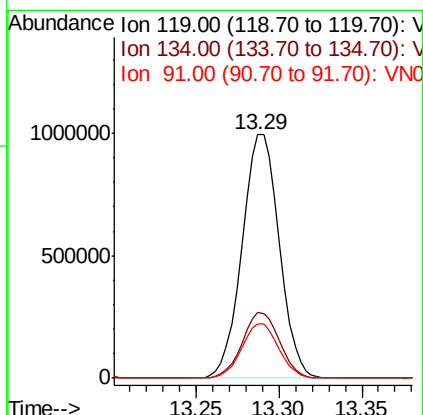
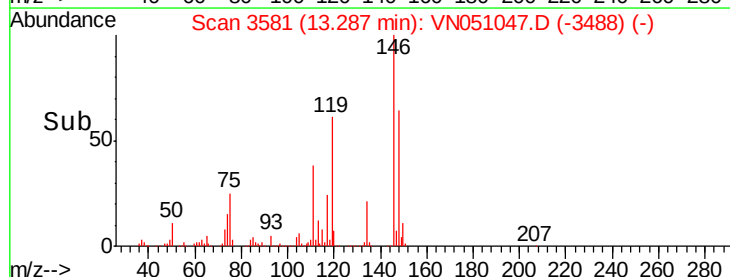
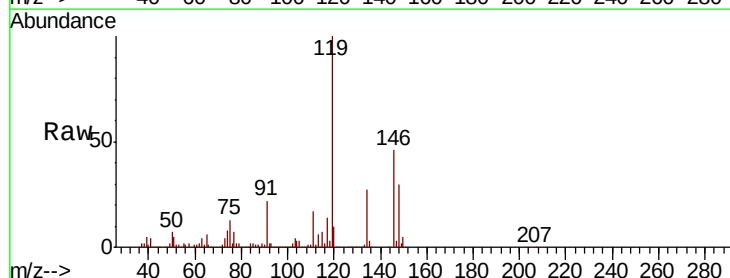
Tgt Ion:119 Resp: 1545425

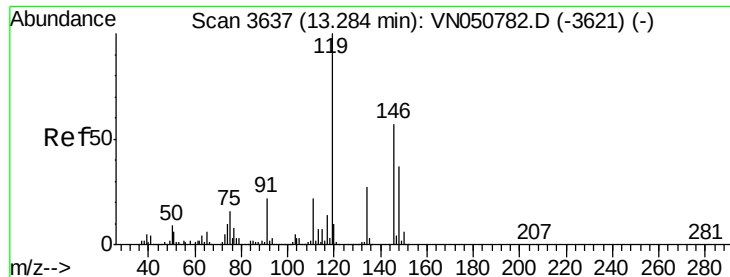
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

91 22.1 11.2 33.5

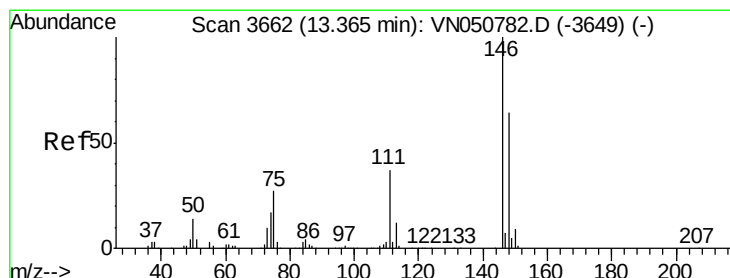
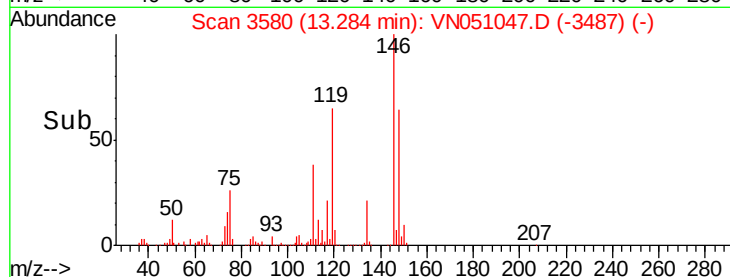
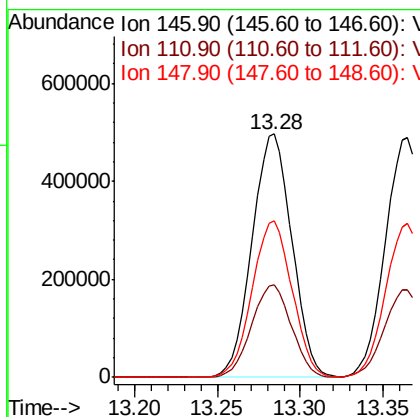
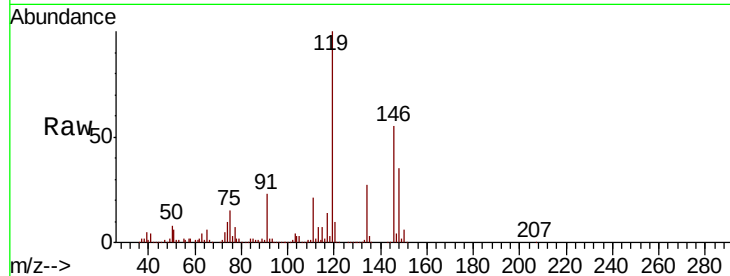




#87
 1,3-Dichlorobenzene
 Concen: 51.21 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

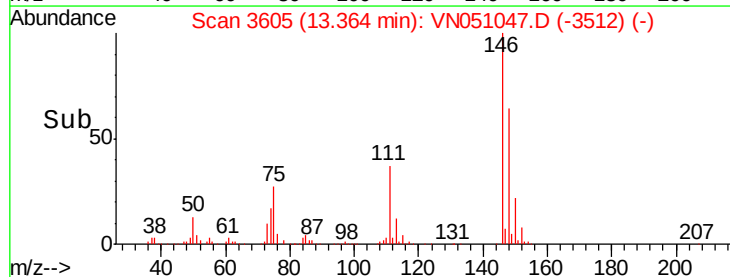
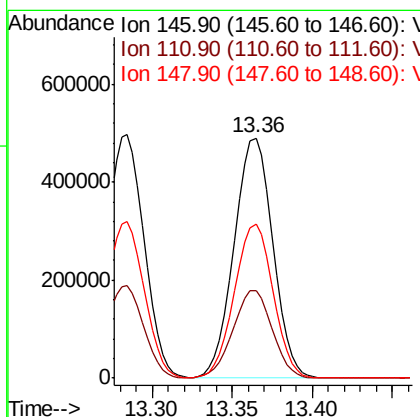
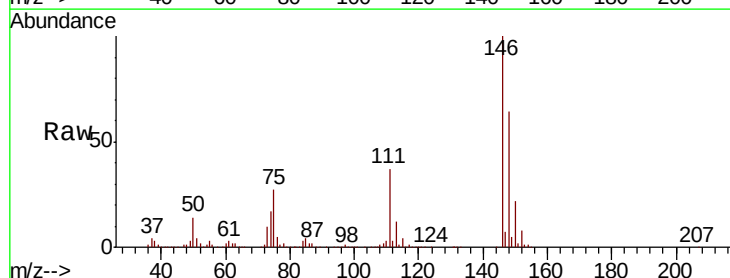
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

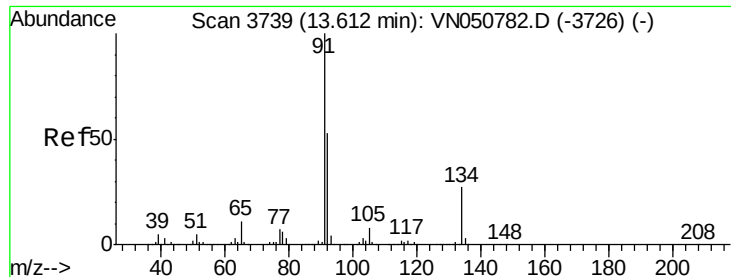
Tot Ion:146 Resp: 830526
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.64 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion:146 Resp: 808379
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.3
 148 64.0 32.2 96.6

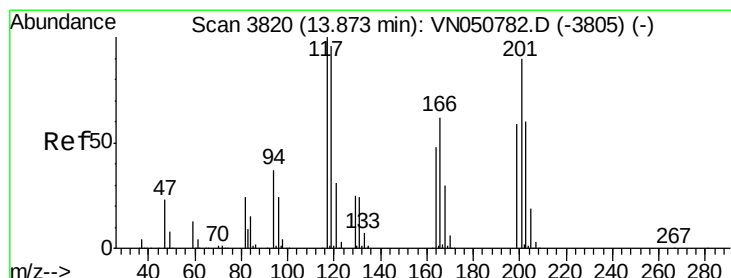
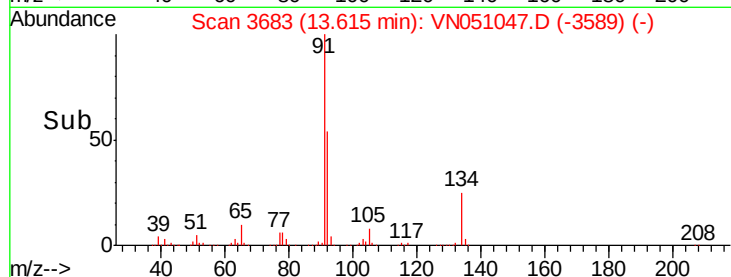
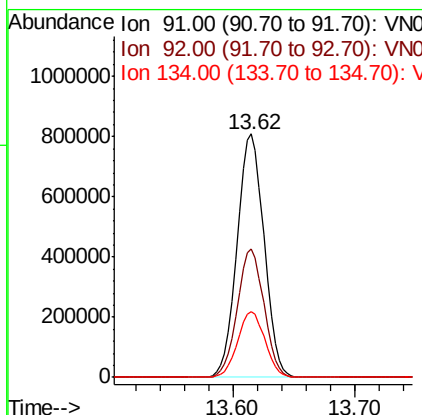
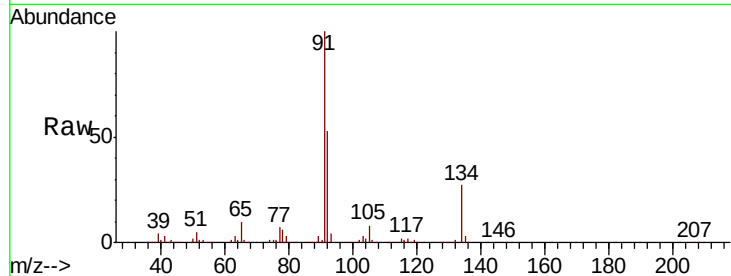




#89
n-Butylbenzene
Concen: 56.11 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

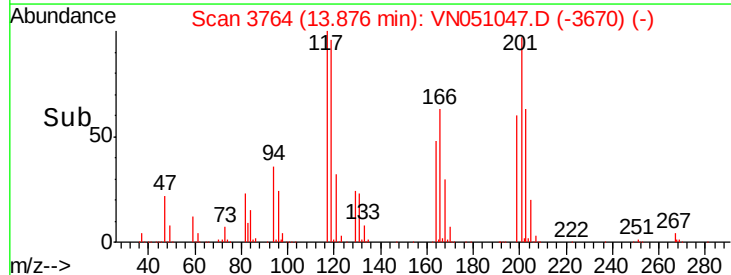
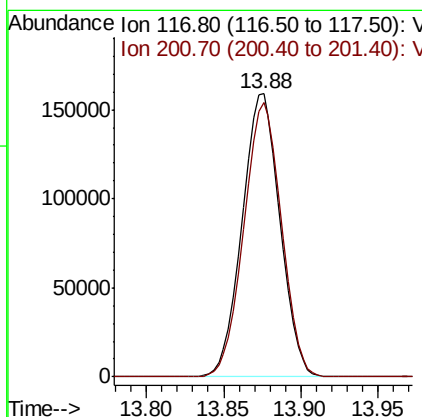
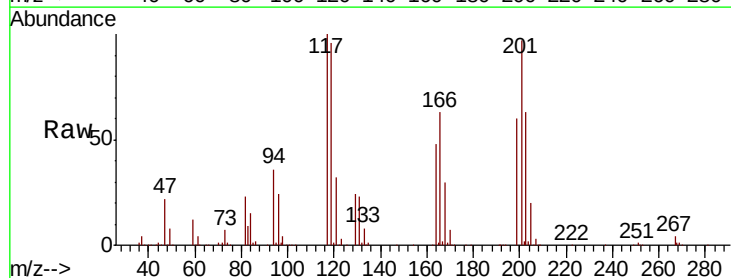
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

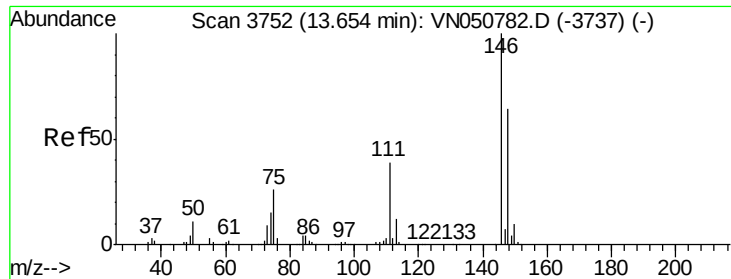
Tot Ion: 91 Resp: 1231396
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 27.3 13.2 39.6



#90
Hexachloroethane
Concen: 51.80 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion: 117 Resp: 270920
Ion Ratio Lower Upper
117 100
201 96.2 46.0 137.8

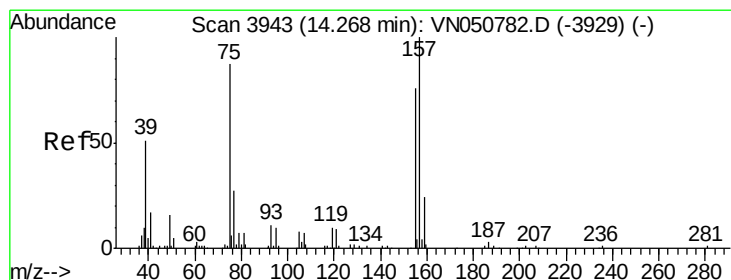
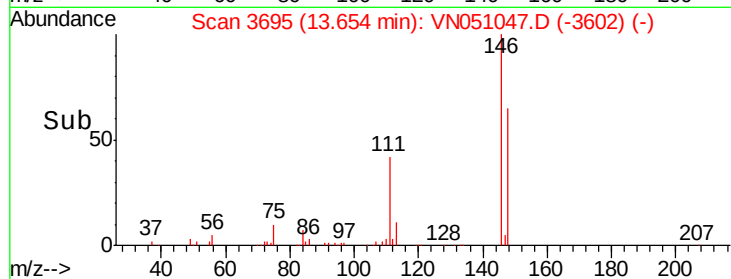
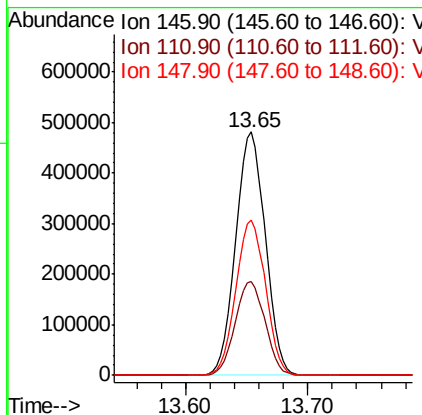
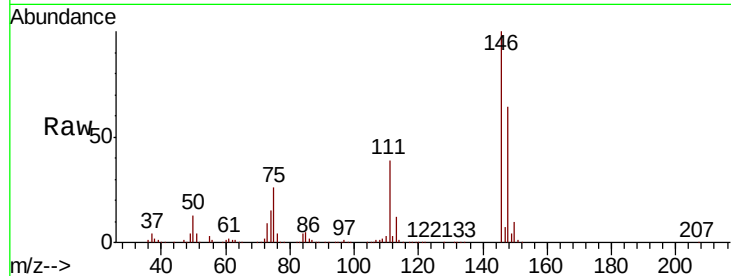




#91
 1,2-Dichlorobenzene
 Concen: 51.62 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

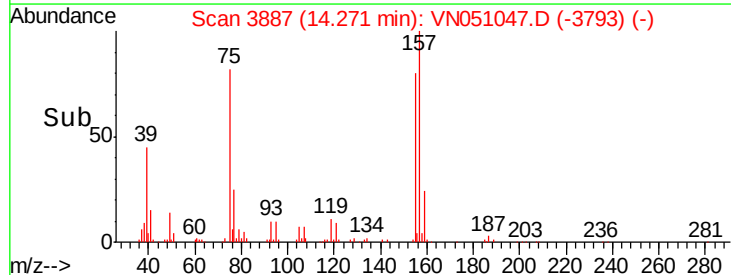
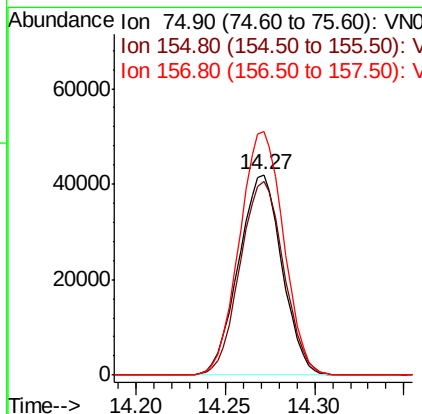
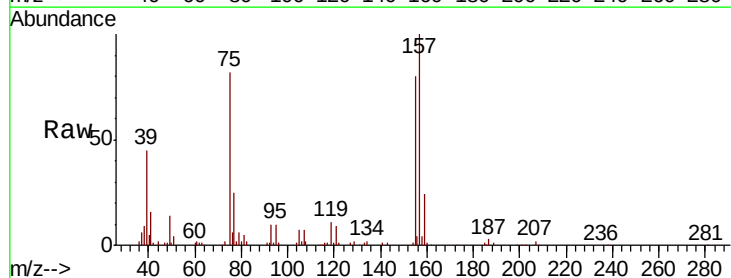
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

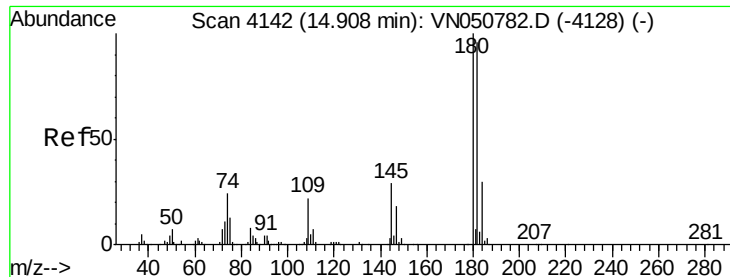
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	63.9	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.50 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	46.4	139.1
157	122.9	60.7	182.0

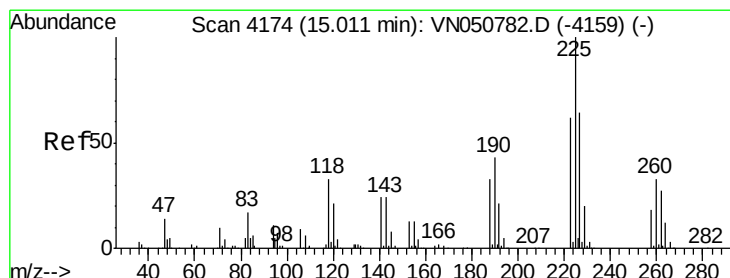
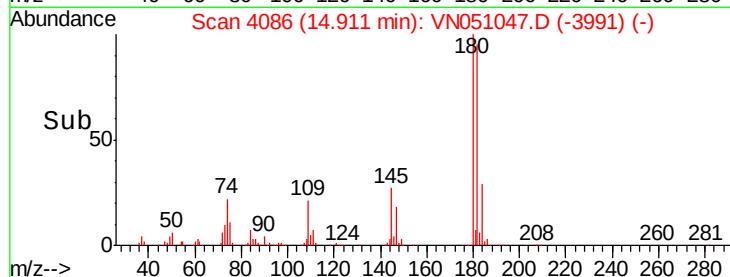
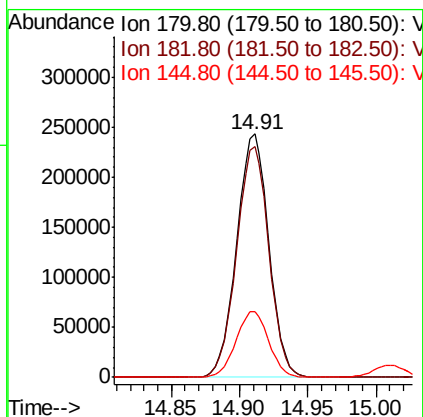
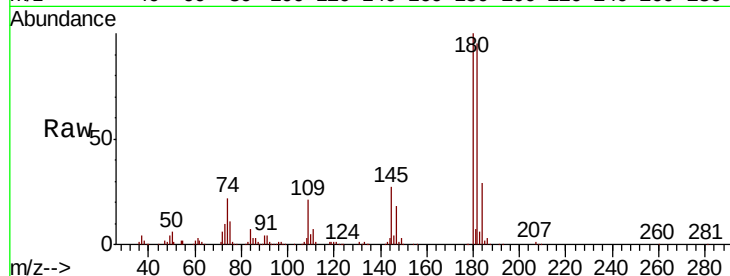




#93
 1,2,4-Trichlorobenzene
 Concen: 48.95 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

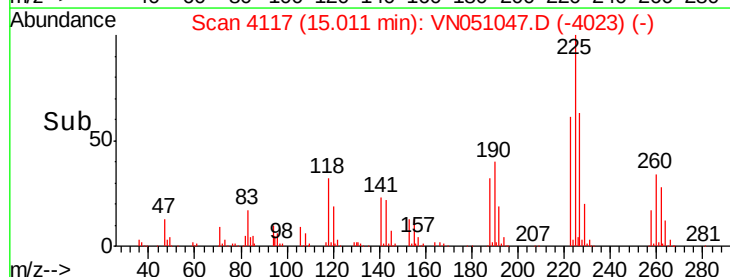
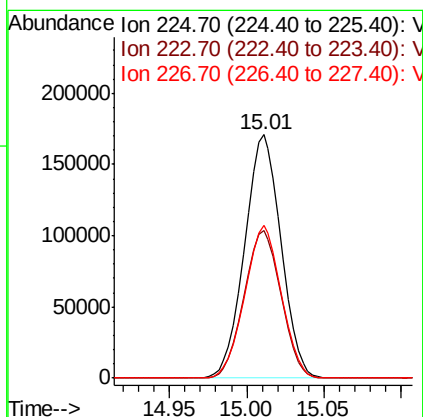
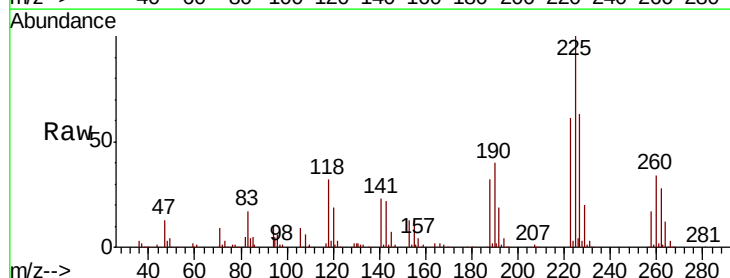
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

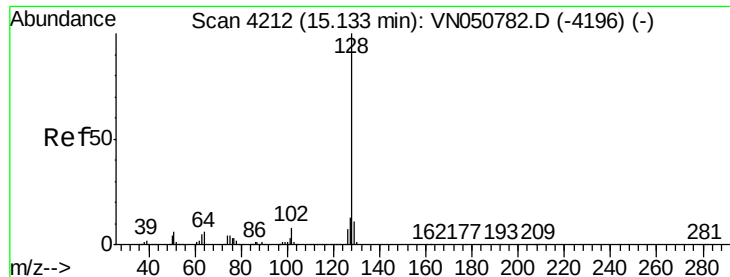
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.2	144.6
145	27.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 60.57 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051047.D
 Acq: 7 Sep 2018 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.8
227	62.6	32.0	96.2

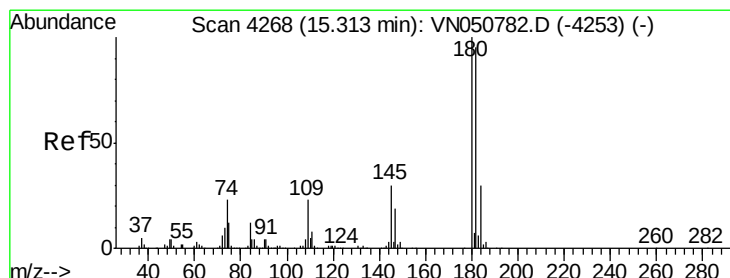
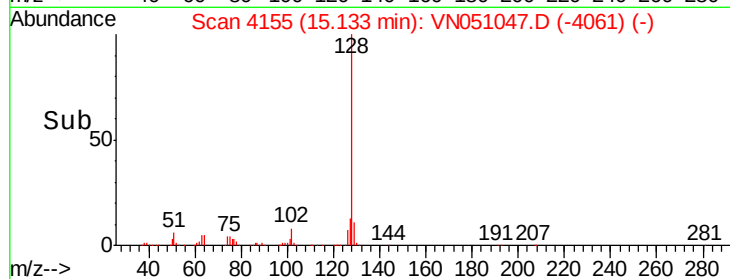
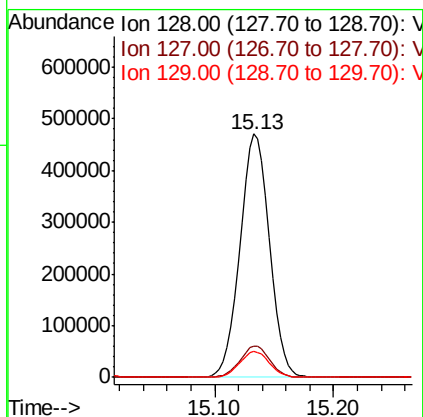
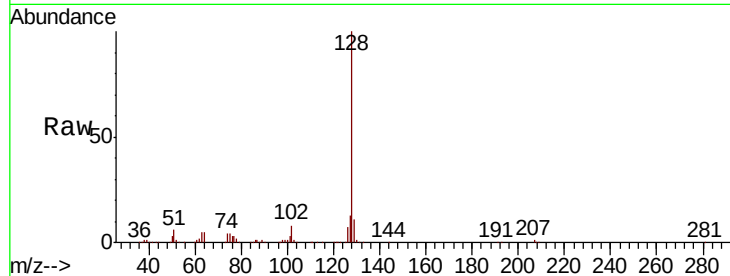




#95
Naphthalene
Concen: 47.82 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 807027
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.78 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051047.D
Acq: 7 Sep 2018 12:24

Tgt Ion:180 Resp: 387938
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 29.7 15.2 45.6

